United States Department of Agriculture

Agricultural Marketing Service

Science and Technology Program

Pesticide Data Program

Annual Summary, Calendar Year 2019

Visit the program website at: www.ams.usda.gov/pdp

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Dear Reader:

We are pleased to present the Pesticide Data Program's (PDP) 29th Annual Summary for calendar year 2019. The U.S. Department of Agriculture (USDA), Agricultural Marketing Service (AMS) conducts this program each year to collect data on pesticide residues in food. This report shows that when pesticide residues are found on foods, they are nearly always at levels below the tolerance, or maximum amount of a pesticide allowed to remain in or on a food, that is set by the U.S. Environmental Protection Agency (EPA).

PDP provides high-quality, nationally representative data to help ensure consumer confidence in the foods they provide to their families. Nearly 99 percent of the products sampled through PDP had residues below the EPA tolerances. Ultimately, if EPA determines a pesticide is not safe for human consumption, it is removed from the market.

The PDP tests a wide variety of domestic and imported foods, with a strong focus on foods that are consumed by infants and children. EPA relies on PDP data to conduct dietary risk assessments and to ensure that any pesticide residues in foods remain at safe levels. USDA uses the data to better understand the relationship of pesticide residues to agricultural practices and to implement USDA's Integrated Pest Management objectives. USDA also works with U.S. growers to improve agricultural practices.

The PDP is not designed for enforcement of EPA pesticide residue tolerances. Rather, the U.S. Food and Drug Administration (FDA) is responsible for enforcing EPA tolerances. PDP provides FDA and EPA with monthly reports of pesticide residue testing and informs the FDA if residues detected exceed the EPA tolerance or have no EPA tolerance established.

The PDP works with State agencies representing all census regions of the country and approximately half of the U.S. population. In 2019, analyzed samples were collected in California, Colorado, Florida, Maryland, Michigan, New York, North Carolina, Ohio, Texas, and Washington.

For more information about PDP, please visit our website at https://www.ams.usda.gov/datasets/pdp. For additional information about pesticides and food, please visit EPA's website at http://www.epa.gov/safepestcontrol and FDA's website at http://www.fda.gov/Food/Chemicals-Metals-Pesticides-Food/Pesticides.

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Data presented in this report are the latest available and were collected and processed through the efforts of the following organizations:

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Executive Summary

In 1991, the U.S. Department of Agriculture (USDA), Agricultural Marketing Service (AMS) was charged with designing and implementing the Pesticide Data Program (PDP) to collect data on pesticide residues in food. PDP provides high-quality data on residues in food, particularly foods most likely consumed by infants and children. This 29th Pesticide Data Program summary presents results for samples collected in 2019.

Before a company can sell or distribute any pesticide in the United States, EPA reviews studies on the pesticide to ensure that it will not pose unreasonable risks to human health or the environment. Once EPA has made that determination, it will license or register that pesticide for use in strict accordance with label directions. Before allowing a pesticide to be used on a food commodity, EPA sets limits on how much of a pesticide may be used on food during growing, processing, and storage, and how much can remain on the food that reaches the consumer. In setting the tolerance, or maximum residue limit in food, EPA makes a safety finding that the pesticide can be used with a reasonable certainty of no harm by considering the toxicity of the pesticide, how much of the pesticide is applied and how often, how much of the pesticide remains in or on food by the time it is marketed and prepared, and all possible routes of exposure including use on crops, exposure from drinking water, and residential exposure.

Government inspectors monitor food in interstate commerce to ensure that these limits are not exceeded. EPA also sets standards to protect workers from exposure to pesticides on the job. PDP data are provided to the U.S. Environmental Protection Agency (EPA).

AMS's Monitoring Programs Division (MPD) is responsible for the administration, planning, and coordination of day-to-day PDP operations. MPD meets regularly with EPA and other Government agencies to establish program priorities and direction. In 2019, sampling and/or testing program operations were carried out with the support of 10 States: California, Colorado, Florida, Maryland, Michigan, New York, North Carolina, Ohio, Texas, and Washington. These States had a prominent role in program planning and policy setting, particularly policies relating to quality assurance.

PDP commodity sampling is based on a rigorous statistical design that ensures the data are reliable for use in exposure assessments and can be used to draw various conclusions about the Nation's food supply. The pesticides and commodities to be included each year in the sampling are selected based on EPA data needs, and the types and amounts of food consumed by infants and children are considered. The number of samples collected by each State is apportioned according to that State's population. Samples are randomly chosen close to the time and point of consumption (i.e., distribution centers rather than at the farm gate) and reflect what is typically available to the consumer throughout the year. Samples are selected without regard to country of origin, variety, growing season, or organic labeling.

Fresh and processed fruit and vegetables accounted for 87.0 percent of the total 9,697 samples collected in 2019. Other samples collected included rice (5.8 percent) and oats (7.2 percent). Fresh and processed fruit and vegetables tested during 2019 were: asparagus, bananas, basil, cabbage, cantaloupe, cauliflower, cilantro, collard greens, garbanzo beans (dried), hot peppers, kiwi fruit, mustard greens, oats (grain), orange juice, radishes, rice, spinach (canned and frozen), strawberries (frozen), sweet bell peppers, sweet peas (canned and frozen), tangerines, and tomato paste. Domestic samples accounted for 64.5 percent of the samples, while 32.2 percent were imports, 2.5 percent were of mixed national origin, and 0.8 percent were of unknown origin.

Because PDP data are used for risk assessments, PDP laboratory methods are geared to detect very low levels of pesticide residues, even when those levels are well below the tolerances established by EPA. Prior to testing, PDP analysts washed samples for 15 to 20 seconds with gently running cold water as a consumer would do; no chemicals, soap, or any special wash was used. Results for more than 2.5 million analyses were reported by the laboratories in 2019 and are too numerous to be included in their entirety in this summary. The PDP database file for 2019 along with annual summaries and database files for previous years are available on the PDP website

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at http://www.ams.usda.gov/pdp or by contacting MPD. PDP data are also available using the PDP database search tool that can be accessed at: https://apps.ams.usda.gov/pdp.

In 2019, nearly 99 percent of the samples tested had residues below the tolerances established by the EPA with 42.5 percent having no detectable residue. Appendixes B through E provide a distribution of residues by pesticide for the commodities tested. Residues exceeding the tolerance were detected in 1.29 percent (125 samples) of the total samples tested (9,697 samples). Of these 125 samples, 51 were domestic (40.8 percent), 68 were imported (54.4 percent), and 6 were of unknown origin (4.8 percent). Residues with no established tolerance were found in 8.2 percent (792 samples) of the total samples tested (9,697 samples). Of these 792 samples, 528 were domestic (66.6 percent), 246 were imported (31.1 percent), and 18 were of unknown origin (2.3 percent).

PDP is a voluntary program and is not designed for enforcement of tolerances. However, PDP informs the U.S. Food and Drug Administration and EPA if detected residues exceed the EPA tolerance or have no EPA tolerance established.

PDP laboratories also test foods for low levels of environmental contaminants that are no longer used as pesticides in the United States, but due to their persistence in the environment, particularly in soil, can be taken up by plants. Results for environmental contaminants in all commodities are listed in Appendix E. More information on results is provided in the Sample Results and Discussion section of this summary.

PDP continually strives to improve methods for collecting, testing, and reporting data. These data are freely available to EPA and other Federal and State agencies charged with regulating and setting policies on the use of pesticides and to the public by hard copy, internet, or custom reports generated by MPD. Additional paper copies of the PDP Annual Summary may be obtained by mailing the form provided at the end of the Summary, or by downloading an electronic copy from https://www.ams.usda.gov/reports/pdp-annual-summary-reports.

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Acronyms and Abbreviations

% C.V.	Percent Coefficient of Variation
A2LA	American Association for Laboratory Accreditation
AL	Action Level
AMS	Agricultural Marketing Service
BQL	Below Quantifiable Level
CSV	Comma-Separated Values
EPA	U.S. Environmental Protection Agency
e-SIF	Electronic Sample Information Form
FAO	Food and Agriculture Organizations of the United Nations
FAPAS	Food Analysis Performance Assessment Scheme
FDA	U.S. Food and Drug Administration
FQPA	Food Quality Protection Act
GEMS	Global Environmental Monitoring Systems – Food Contamination Monitoring and Assessment Programme
GC	Gas Chromatography
HCB	Hexachlorobenzene
ISO	International Organization for Standardization
LC	Liquid Chromatography
LOD	Limit of Detection
LOQ	Limit of Quantitation
MPD	Monitoring Programs Division
MRL	Maximum Residue Limit
MRM	Multiresidue Method
MS	Mass Spectrometry
NASS	National Agricultural Statistics Service
NCI	Negative Chemical Ionization

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NSL	National Science Laboratories
PDP	Pesticide Data Program
PPS	Probability proportionate-to-size
PT	Proficiency Testing
QA	Quality Assurance
QAU	Quality Assurance Unit
QuEChERS	Quick, Easy, Cheap, Effective, Rugged and Safe
QC	Quality Control
RDE	Remote Data Entry
SIF	Sample Information Form
SOP	Standard Operating Procedure
SQL	Structured Query Language
USDA	United States Department of Agriculture
WHO	World Health Organization

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Pesticide Data Program (PDP)
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This summary consists of the following sections: (I.) Introduction, (II.) Sampling Operations, (III.) Laboratory Operations, (IV.) Database Management, and (V.) Sample Results and Discussion

I. Introduction

The U.S. Department of Agriculture's (USDA) Agricultural Marketing Service (AMS) initiated the Pesticide Data Program (PDP) in 1991 to collect data on pesticide residues in food, and the program now has an important role in the implementation of the 1996 Food Quality Protection Act (FQPA). The law directs the Secretary of Agriculture to collect pesticide residue data on commodities most frequently consumed by infants and children. PDP data are used primarily by the U.S. Environmental Protection Agency (EPA) to assess dietary exposure during the review of the safety of existing pesticide tolerances (Maximum Residue Limits). EPA establishes the tolerances after developing a risk assessment that considers the following: the pesticide exposure through diet and drinking water and from uses in and around the home; the cumulative exposure to two or more pesticides that cause a common toxic effect; the possibility of increased susceptibility to infants and children or other sensitive populations from exposure to the pesticide; and the possibility that the pesticide produces an effect in people similar to an effect produced by a naturally occurring estrogen or produces other endocrine disruption. PDP data also are used by the U.S. Food and Drug Administration (FDA) to assist in planning commodity surveys for pesticide residues for its enforcement and regulatory programs.

Because PDP collects data on food commodities primarily for consumer exposure assessment, program operations differ markedly from those followed by regulatory monitoring programs for tolerance enforcement. Commodities chosen for inclusion in the program are based on EPA data needs. PDP samples are collected closer to the point of consumption and are prepared emulating consumer practices. PDP sampling does not impede commodity distribution. Laboratory operations are designed to achieve detection of low levels rather than quick sample turnaround. As PDP data are used in dietary risk assessment, the program prioritizes testing for pesticides with registered uses for the commodities in the program, as well as for pesticides that may not have U.S. tolerances but are used in other countries on commodities that are imported to the United States.

Primary contributors to PDP's policy development and planning of operations include the participating States, other government agencies, and program stakeholders (Figure 1(a)), while primary data users include EPA, FDA, and a wide range of other agencies and groups (Figure 1(b)). Federal, State, and foreign government agencies and industries have used PDP data to promote the export of U.S. commodities to international markets. Additionally, PDP methodologies are consistent with international guidelines that have been adopted by the Codex Committee on Pesticide Residues for good laboratory practices (CAC/GL 40-1993), performance criteria for methods of analysis (CXG 90-2017) and use of mass spectrometry (CAC/GL 56-2005). PDP monitoring data are also incorporated into the World Health Organization's (WHO) Global Environment Monitoring System - Food Contamination Monitoring and Assessment Programme (GEMS/Food), a data platform used by the Joint Food and Agriculture Organization of the United Nations (FAO)/WHO Meeting on Pesticide Residues to evaluate dietary exposure and recommend the establishment of pesticide maximum residue limits (MRLs) to the Codex Committee on Pesticide Residues.

In 2019, sampling services were provided by 10 States (California, Colorado, Florida, Maryland, Michigan, New York, North Carolina, Ohio, Texas, and Washington; see Figure 2). Laboratory services were provided by the States of California, Florida, Michigan, New York, Ohio, Texas and Washington. Together, these States represent about 50 percent of the Nation's population and all four census regions of the United States. They also represent major U.S. producers of fruit and vegetables.

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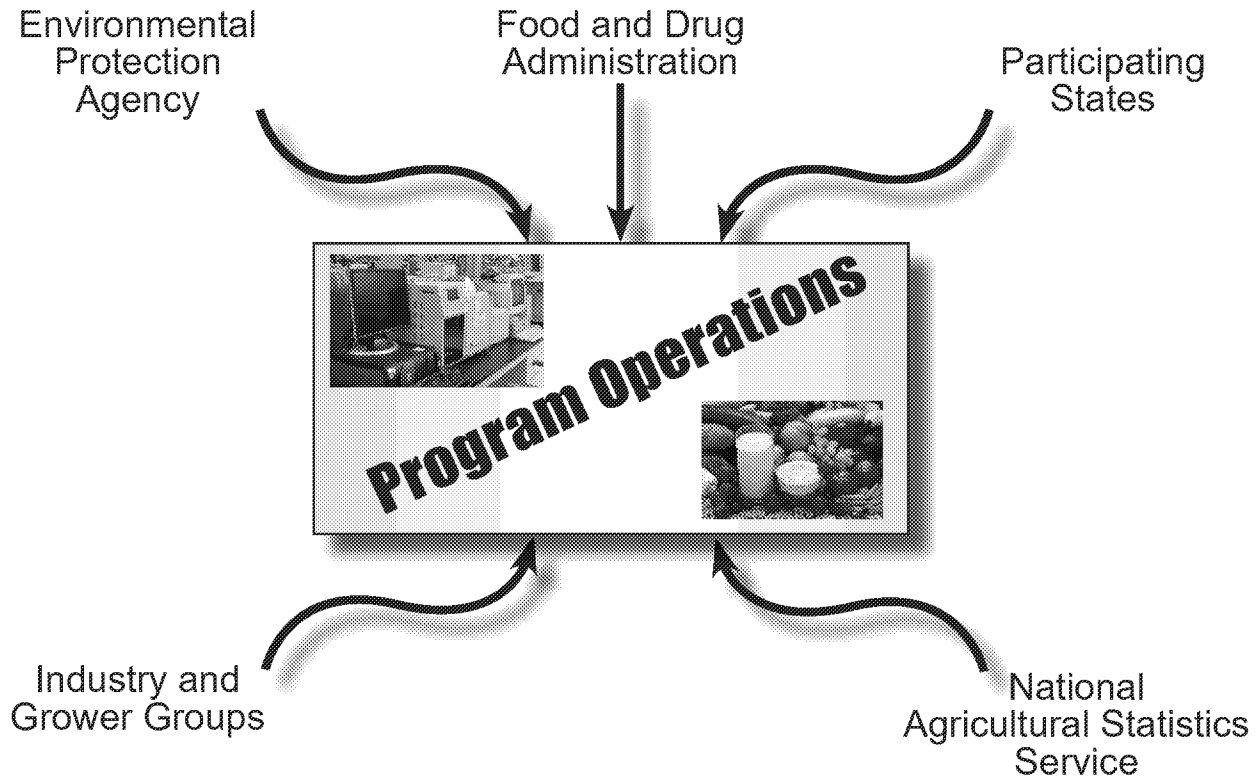
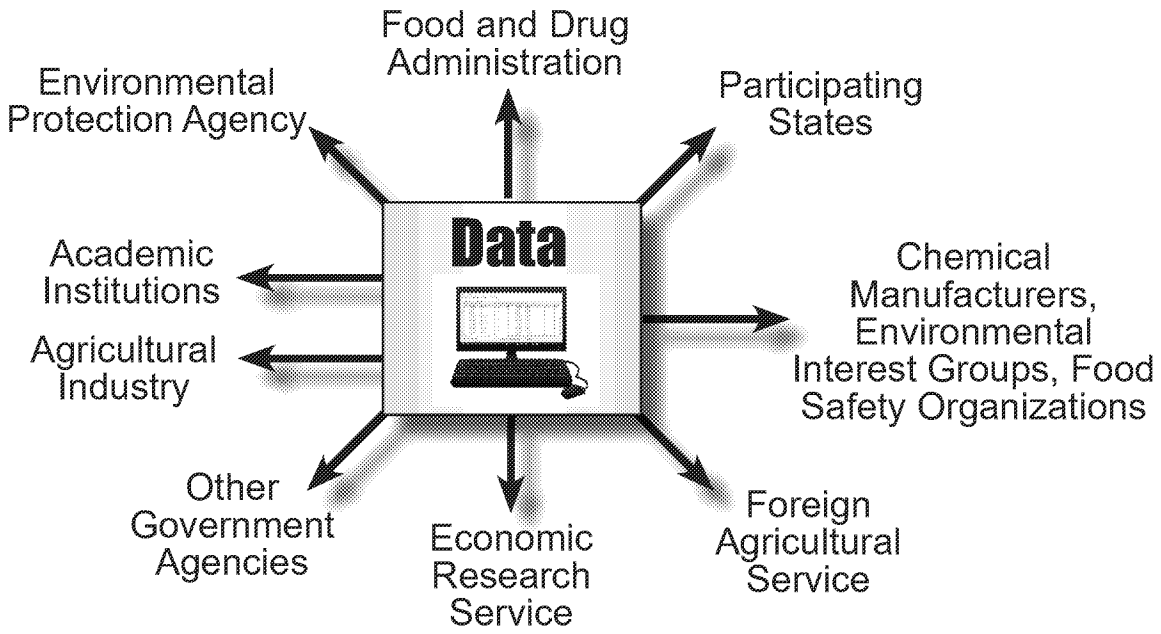


(a) PDP Policy and Planning Contributors



(b) PDP Data Users

Figure 1. Pesticide Data Program (PDP) Program Operations Support and Data Users. *This figure illustrates (a) agencies/groups that support PDP program policy and planning activities and (b) agencies/groups that use PDP data.*

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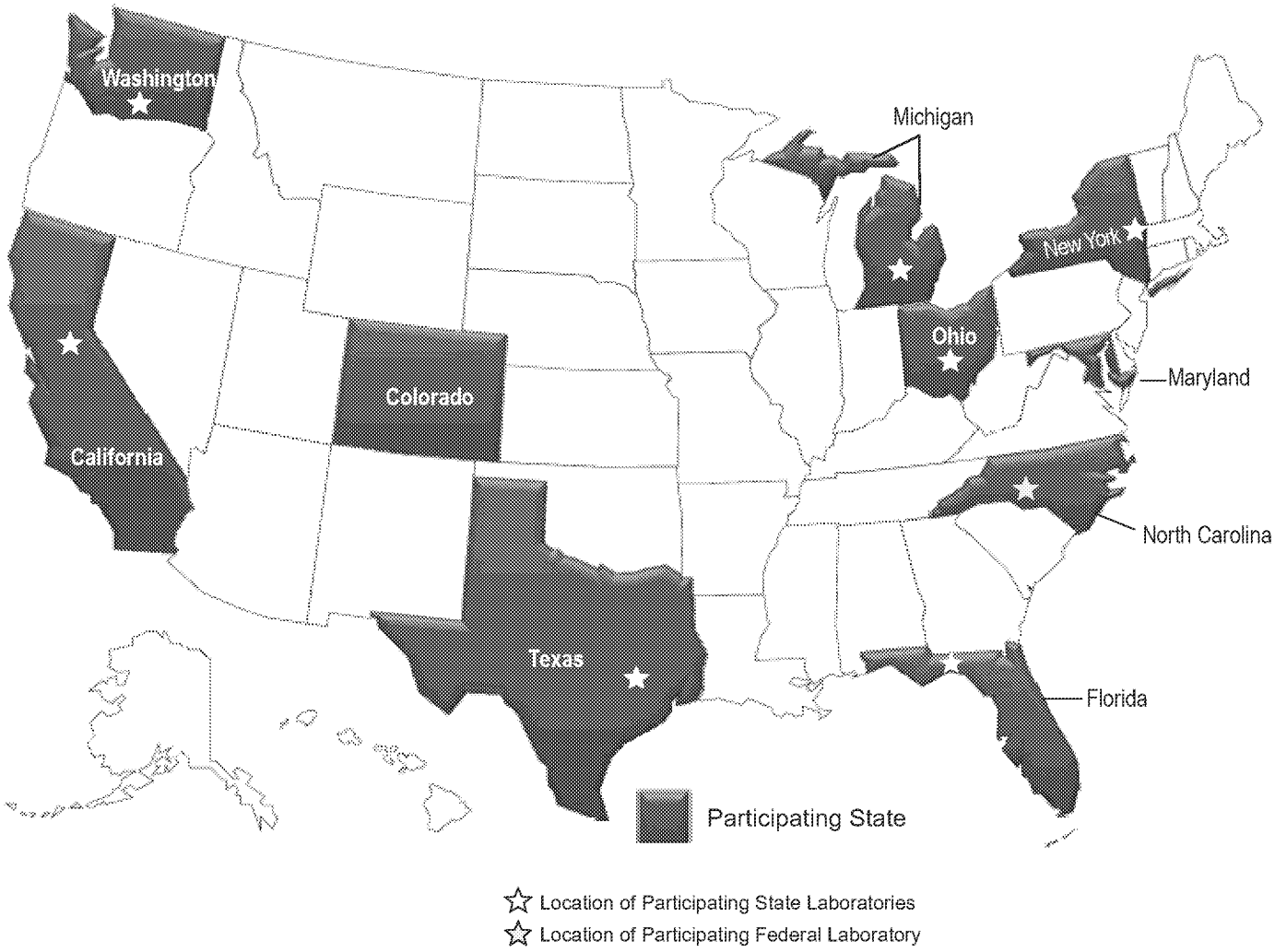

Figure 2. Program Participants. *During 2018, USDA's Agricultural Marketing Service established cooperative agreements with 10 States to sample and/or test Pesticide Data Program commodities. Together, these States represent about 50 percent of the Nation's population and all four census regions of the United States. These States are the major U.S. producers of fruit and vegetables. State laboratories were responsible for analyzing fresh and processed fruit and vegetable samples.*

The AMS Monitoring Programs Division (MPD) is responsible for overall management of PDP, including cooperative agreements with the States, sampling and laboratory testing approaches, and data management and analysis. MPD works closely with EPA and FDA to select commodities and pesticides for testing. The selected commodities represent the highest U.S. consumption, with an emphasis on foods consumed by infants and children. Commodities are cycled through the program approximately every 5 years. Fresh fruit and vegetable commodities remain in the program for 2 years to capture two full growing seasons, thereby capturing any changes due to seasonality or year-to-year variations. Processed products, as well as dairy, fish, and grains, are tested for 1 full year. A total of 126 commodities have been tested by PDP from the beginning of the program in 1991 through 2020 (Appendix A).[1]

Fruit and vegetable samples are collected at terminal markets [2] and distribution centers from which food commodities are supplied to supermarkets and

[1] The U.S. National Residue Program (NRP) administered by the U.S. Department of Agriculture's (USDA), Food Safety and Inspection Service (FSIS) monitors pesticide residues for meat, poultry, and egg products.

[2] Terminal markets are facilities where wholesalers receive large quantities of fresh fruit and vegetables by rail, truck, and air from around the world for sale to grocers, restaurants, institutions, and other businesses. Terminal markets are often located in metropolitan areas at or near major transportation hubs.

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grocery stores. Sampling at these locations allows for residue measurements that include pesticides applied during crop production and those applied after harvest (such as fungicides, growth regulators, and sprouting inhibitors) and considers residue degradation while food commodities are in storage. Participation as a PDP sampling site is voluntary, which sets it apart from State and Federal enforcement programs. In 2019, over 570 sites granted access and provided information, including site volume data, to sample collectors. Voluntary cooperation is important to PDP and makes it possible to adjust sampling protocols in response to fluctuations in food distribution and production.

Pesticides prioritized for screening by PDP include those with current registered uses for the commodity being tested and compounds for which toxicity data and preliminary estimates of dietary exposure indicate the need for more extensive residue data. PDP also monitors pesticides for which EPA has modified use directions (i.e., reduced application rates or frequency) as part of risk management activities. In addition, PDP tests for selected pesticides that may not have U.S. tolerances but are used in other countries that export commodities to the United States. The following appendixes list the specific pesticides tested in the program: fruit and vegetables (Appendix B), rice (Appendix C), and oats (Appendix D). Environmental contaminants, or pesticides whose uses have been canceled in the United States, but their residues persist in the environment, are consolidated into Appendix E, which summarizes findings for these chemicals across all commodities.

II. Sampling Operations

♦ Conceptual Framework

The goal of the PDP sampling program is to obtain a statistically valid representation of the U.S. food supply. PDP data reflect actual pesticide residue exposure from food. Using a rigorous statistical design, PDP has developed extensive procedures that ensure samples are randomly selected from the national food distribution system and reflect what is typically available to the consumer.

Ten States currently participate in PDP – California, Colorado, Florida, Maryland, Michigan, New York, North Carolina, Ohio, Texas, and Washington. The initial participating States in 1991 (California, Florida, Michigan, New York, Texas and Washington) were selected based on agricultural production, analytical capabilities, population, and regional/geographic distribution – all four U.S. Census Regions (West, South, Midwest, and Northeast) were represented. Later in 1993, Colorado joined to represent the Mountain Division of the Western Region and Ohio to further represent the densely populated East North Central Division of the Midwest Region. In 1993, North Carolina was included to better represent the South Atlantic Division of the Southern Region. Maryland was added in 1997 to represent the South Atlantic Division of the Southern Region. Today, these States together represent about 50 percent of the Nation's population and all four census regions of the United States.

Commodities chosen for inclusion in the program are based on EPA data needs. Foods selected for testing are high-consumption items with a strong focus on the foods that compose the diets of infants and children. Each fresh commodity is sampled and tested for 2 years in order to capture annual and seasonal variability. High-consumption items are rotated in and out of the program every 5 years – for example, apples, lettuce, and oranges are retested and the data refreshed every 5 years.

PDP collects a minimum of 600 samples per commodity per year in order to provide an accurate statistical representation for a given commodity. PDP collects additional samples to allow apportionment among the participating States over a 12-month period and to allow for a small sample overage for any missed, damaged, or unusable samples. Participating State population figures are used to apportion the number of samples scheduled for collection each month. PDP sampling operations may be adjusted according to product availability. For example, cherries, nectarines, and peaches may be oversampled during the summer months to make up for low availability during winter months. In some cases, frozen product is allowed as an alternative to fresh (e.g., cranberries).

PDP samples are collected at terminal markets and warehouse distribution centers, close to the point of

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consumption. Participating State agencies compile and maintain lists of these sampling sites. In 2019, over 570 sites granted access to sample collectors. The States provide AMS and NASS with annual volume information for commodities distributed at these sites. Based on this information, sites are assigned volume indicators compared to other sites in the same State. This volume indicator is used to ensure larger sites are selected more frequently than smaller sites. This information is used to weight the site to determine the probability for sample selection. For example, a weight of 10 may be given to a site that distributes 100,000 pounds of produce annually and a weight of 1 is given to a site that distributes 10,000 pounds. This site selection method, termed probability-proportionate-to-size (PPS),then results in the larger site being 10 times more likely to be selected for sampling than the smaller site.

Each participating State works with NASS to develop statistical procedures for site weighting and selection. States are also given the option to have NASS perform their quarterly site selection. The number of sampling sites and the volume of produce distributed by the sites vary greatly among States. Sampling plans that include sampling dates, sites (primary and alternate), targeted commodities, and testing laboratories are prepared by each State on a quarterly basis. Collection of commodities is randomly assigned to weeks of the month, prior to selection of specific sampling dates within a week. Because sampling sites are selected for an entire quarter, States may assign the sites to particular months based on geographic location.

Sample information is captured at the time of collection for inclusion in the PDP database. PDP sample origin data identify the State or country where the commodity was produced. A comparison of PDP sample origin data to State production and import data by USDA's NASS shows PDP sampling is representative of the U.S. food supply.

- Sampling Procedures

While obtaining PDP samples, collectors randomly select the scheduled commodities. Collectors use established procedures to prevent cross-contamination and maintain chain-of-custody. PDP State sample collectors are trained to adhere to detailed program Standard Operating Procedures (SOPs) that provide criteria for site selection and specific instructions for sample selection, shipping and handling, and chain-of-custody. SOPs are updated as needed and serve as a technical reference in conducting program sampling reviews to ensure program goals and objectives are met. PDP sampling SOPs are available on the website: www.ams.usda.gov/datasets/pdp. On a quarterly basis, sample collectors are provided with Commodity Fact Sheets that list specific collection details for the individual commodities in the program.

Temperature-sensitive samples are packed in heavy-duty, temperature-controlled containers. Holding temperatures are preserved throughout transit time with the inclusion of ample frozen cold packs and insulating materials. Non-temperature-sensitive samples do not require temperature-controlled containers; however, they are shipped in heavy-duty, well-cushioned containers. To preserve sample integrity, most samples are shipped the same day by overnight delivery. Non-refrigerated processed commodities such as canned olives are often shipped by ground transportation to reduce shipping costs.

Electronic Sample Information Forms (e-SIFs) are used for chain-of-custody and to capture information needed to characterize the sample. Sample collectors use tablets or laptop computers in the field to record sample identification information such as: (1) State of sample collection, (2) collection date, (3) sampling site code, (4) commodity code, and (5) testing laboratory code. Information from these five data elements is combined to form a unique PDP identification number for each sample.

Other available information about each sample is also recorded, such as collector name; the State or country of origin; product variety; production claims such as organic; expiration date; and grower, packer, and/or distributor locations. The e-SIFs are sent electronically the same day as sample collection or, at the latest, by the next morning after collection to ensure that sample information is received at each laboratory by the time samples arrive for analysis. Refer to Section IV on Database Management for more information on the e-SIF system.

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Because most PDP samples are collected at distribution centers, terminal markets, and other wholesalers, entire cases must be obtained while a significantly smaller portion is sent to the laboratory for testing. For example, if a 20-pound case of apples is collected and a 5-pound sample is sent for testing, the remaining 15 pounds are donated. In most cases, the excess samples are donated to organizations such as local food banks, shelters, senior assisted living centers, churches, and other charities. PDP often provides the only fresh commodity donations available to these organizations. As a specific example, the State of Michigan donated nearly 17,000 pounds of food during 2019.

♦ 2019 Sampling Operations

The number of fruit, vegetable, rice, and oat samples collected in each participating State is determined by State population. The monthly collection schedule for all 2019 commodities is shown in Table 1; however, not all samples scheduled in January 2019 were collected due to the Federal Government shutdown. The total number of samples collected in each State for each commodity is listed in Table 2. Figure 2 illustrates the participating collection States and the laboratories to which samples were shipped. Table 3 lists the acceptable product types for each collected commodity as seen on Commodity Fact Sheets

Commodity	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	End Date
Asparagus					Jun-19
Bananas					Dec-20
Basil					Sep-19
Cabbage					Jun-19
Cantaloupe					Jun-21
Cauliflower					Sep-21
Cilantro					Mar-19
Collard Greens					Sep-20
Garbanzo Beans, Dried					Dec-19
Hot Peppers					Dec-19
Kiwi Fruit					Mar-20
Mustard Greens					Dec-19
Oats, Grain					Dec-18
Orange Juice					Sep-20
Radishes					Dec-20
Rice					Sep-19
Spinach, Canned					Sep-19
Spinach, Frozen					Mar-19
Strawberries, Frozen					Sep-19
Sweet Bell Peppers					Jun-21
Sweat Peas, Canned					Sep-19
Sweat Peas, Frozen					Mar-19
Tangerines					Sep-21
Tomato Paste					Sep20

Table 1. Pesticide Data Program (PDP) Commodity Collection Schedule for 2019. *Samples are most often collected for a 2-year time period. Commodities are initiated or terminated in different quarters of the year so that new commodities are not brought into the program all at the same time. This table illustrates time ranges for the listed commodities. Not all samples scheduled in January 2019 were collected due to the Federal government shutdown. See Appendix A for the complete PDP commodity history (May 1991 through December 2020).*

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State	AS	BN	BS	CF	CG	CL	CN	GL	HP	KW	MG	PP	RD	TA	Total Fresh
California	65	155	78	39	65	39	78	39	143	155	140	78	156	39	1,269
Colorado	10	24	12	6	10	6	12	6	22	24	20	12	24	6	194
Florida	34	85	39	20	35	20	42	20	76	80	44	42	87	24	648
Maryland	24	48	24	12	24	12	24	12	48	48	36	24	48	12	396
Michigan	30	72	36	18	30	18	36	18	65	72	66	36	72	18	587
New York	45	108	54	27	45	27	54	27	99	108	98	54	108	27	881
N. Carolina	0	0	0	0	0	0	0	11	0	0	0	0	0	0	11
Ohio	30	72	36	18	30	18	36	18	66	72	65	36	72	18	587
Texas	40	97	40	24	40	24	48	24	88	97	82	48	97	24	773
Washington	20	47	24	12	21	12	24	12	44	48	44	24	48	12	392
TOTAL	298	708	343	176	300	176	354	187	651	704	595	354	712	180	5,738

State	OJ	PS	SC	SD	SF	SZ	TP	ZD	Total Processed	Total Fresh & Proccessed F&V	Grains OA	Grains RI
California	39	26	78	78	39	116	39	142	557	1,826	143	117
Colorado	6	4	11	12	6	18	6	21	84	278	22	17
Florida	24	14	40	43	21	61	21	77	301	949	79	62
Maryland	11	8	24	24	12	36	12	44	171	567	44	36
Michigan	18	12	36	36	18	54	18	66	258	845	66	54
New York	27	18	54	54	27	81	27	99	387	1,268	99	81
N. Carolina	12	8	24	24	12	36	12	39	167	178	44	36
Ohio	18	12	36	36	18	54	18	66	258	845	66	54
Texas	24	16	48	48	24	72	24	88	344	1,117	88	72
Washington	12	8	24	24	12	36	12	44	172	564	44	36
TOTAL	191	126	375	379	189	564	189	686	2,699	8,437	695	565

Commodity Legend		
AS = Asparagus	HP = Hot Peppers	RI = Rice
BN = Bananas	KW = Kiwi Fruit	SC = Spinach, Canned
BS = Basil	MG = Mustard Greens	SD = Sweet Peas, Canned
CF = Cauliflower	OA = Oats	SF = Spinach, Frozen
CG = Cabbage	OJ = Orange Juice	SZ = Strawberries, Frozen
CL = Cilantro	PP = Sweet Bell Peppers	TA = Tangerines (mandarin)
CN = Cantaloupe	PS = Sweet Peas, Frozen	TP = Tomato Paste
GL = Collard Greens	RD = Radishes	ZD = Garbanzo Beans, Dried

Table 2. Distribution of Samples Collected by Each Participating State. *This table includes those commodities collected at terminal markets, distribution centers, and retail markets.*

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Commodity	Acceptable Products
Asparagus	Fresh green, purple, or white asparagus spears.
Bananas	Whole, fresh bananas.
Basil	Whole, fresh basil. Loose, bagged, or pre-packaged in clamshells.
Cabbage	Whole, fresh head cabbage (green, red, or curly/Savoy), Napa cabbage (celery cabbage, tight-headed Chinese cabbage).
Cantaloupe	Whole, fresh cantaloupe.
Cauliflower	Any fresh whole cauliflower. White in color.
Cilantro	Fresh cilantro. Loose, bagged, or pre-packaged in clamshells. Cilantro may also be known or sold as fresh coriander leaves or Chinese parsley.
Collard Greens	Fresh collard greens. Pre-bagged or loose.
Garbanzo Beans, Dried	Dried whole garbanzo beans (chickpeas).
Hot Peppers	Fresh hot peppers: Jalapeno, Anaheim, Serrano varieties only.
Kiwi Fruit	Whole, fresh fuzzy kiwifruit. Gold or green.
Mustard Greens	Fresh mustard greens. Pre-bagged or loose. Chinese mustard greens (Gai Choy). Whole leaf, sliced, cut, or chopped.
Oats	Whole grain oats (oat groats), rolled oats (old-fashioned oats), steel-cut oats (Irish oats, Scotch oats, pinhead oats, coarse-cut oats), or oat bran.
Orange Juice	100% Orange juice. Ready-to-serve containers of orange juice that are refrigerated. With or without pulp. Reconstituted from concentrate or not from concentrate.
Radishes	Whole, fresh globe-shaped radishes, with or without tops. Red, white, or watermelon.
Rice	Regular milled white rice (short, medium, and long grain, brown rice, basmati rice, jasmine rice, texmati rice, polished rice), or Arroz.
Spinach, Canned	Canned spinach. Whole leaf, cut leaf, sliced leaf, or chopped leaf. Salt and sugar are acceptable ingredients.
Spinach, Frozen	Frozen spinach. Whole, cut or sliced leaf, or chopped leaf.
Strawberries, Frozen	Frozen strawberries. Whole, halved, sliced, or cut.
Sweet Bell Peppers	Whole, fresh bell peppers. Colors may include, but are not limited to: green, orange, purple, red, or yellow.
Sweet Peas, Canned	Canned sweet peas. Salt and sugar are acceptable ingredients.
Sweet Peas, Frozen	Frozen sweet peas. Frozen garden (English) peas, frozen baby (early) peas, or frozen green peas.
Tangerines	Any fresh, whole tangerine (mandarin or mandarin orange). Clementine, Minneola, Mediterranean mandarin, Satsuma mandarin, or tangelo.
Tomato Paste	Any canned tomato paste. May be salted or salt-free. May contain "spices," listed as a generic ingredient on the can.

Table 3. Acceptable Products for Collected Commodities. *This table lists the acceptable products for each collected commodity as seen on the Commodity Fact Sheets provided to sample collectors. For all commodities, domestic or imported and organically grown or conventionally grown products are acceptable.*

provided to sample collectors. For all commodities, domestic or imported and organically grown or conventionally grown products are acceptable. In 2019, 8.7 percent of the tested samples were organic (845 of 9,697); summaries of findings by claim may be found by using the PDP web app: https://apps.ams.usda.gov/pdp.

State population figures are used to assign the number of fruit, vegetable, and other specialty samples scheduled for collection each month. During 2019, the monthly number of samples assigned for each State included: California, 13; Colorado, 2; Florida, 7; Maryland, 4; Michigan, 6; New York, 9; Ohio, 6; Texas, 8; and Washington, 4. This schedule resulted in a monthly target of 59 samples per commodity or 708 samples per commodity per year.

Additionally, North Carolina collected 4 samples per month for selected commodities – collard greens, dried garbanzo beans, oats, orange juice, canned

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and frozen spinach, frozen strawberries, canned and frozen sweet peas, rice and tomato paste, which resulted in a total of 63 samples per commodity per month for these products.

In 2019, fruit, vegetable, rice, and oat samples were randomly collected by trained State inspectors at terminal markets and large chain store distribution centers throughout the country. Surrogate or "proxy" sites (retail markets) are used to collect these samples when the commodity of interest is unavailable at a terminal market or distribution center. In these instances, the commodity is selected in the rear storage area of the retail facility so possible contamination by the consumer is eliminated and to allow capture of sample information from product boxes. In 2019, 41.6 percent of fruit, vegetable, rice, and oat samples were collected at proxy sites. The commodities most often collected at these facilities were dried garbanzo beans, oats, orange juice, canned and frozen spinach, canned and frozen sweet peas, rice, frozen strawberries, and tomato paste.

The total number of samples per commodity and the percentage of each that were either domestic, imported, or of unknown origin are shown in Figure 3. The origin of some fresh commodities can vary greatly throughout the year. A graphic example of this variation can be found in Figure 4, where differences in origin (domestic versus import) are depicted by month for kiwi and radish samples.

Fresh and processed fruit, vegetable, rice and oat samples originated from 39 States, 1 U.S. territory, and 40 foreign countries (refer to Appendix F).

- Fresh and Processed Commodities

Of all samples collected and analyzed in 2019, 87.0 percent (8,437 of 9,697) were fruit and vegetables, including fresh and processed products. The fresh commodities collected for PDP were asparagus, bananas, basil, cabbage, cantaloupe, cauliflower, cilantro, collard greens, hot peppers, kiwi fruit, mustard greens, radishes, sweet bell peppers, and tangerines (mandarins). The processed commodities included dried garbanzo beans, orange juice, canned and frozen spinach, frozen strawberries, canned and frozen sweet peas, and tomato paste.

Fresh and frozen fruit and vegetable samples weighed either 3 or 5 pounds, except for basil, cilantro, and hot peppers where the sample sizes were 1 pound. Three pounds were collected for smaller, low- weight commodities such as asparagus and collard greens, and 5 pounds were collected for larger, high-weight commodities such as cabbage and sweet bell peppers.

- Rice

PDP collected and analyzed 565 rice samples in 2019. Three-pound samples were collected from routine PDP sampling sites that included major chain-store distribution centers, terminal markets, and proxy retail sites. About 71 percent of the samples were collected from proxy sites. Regular milled white rice, brown rice, basmati rice, jasmine rice, and polished rice were collected. Red rice, black rice, wild rice, rice blends, pre-cooked rice, instant rice, orzo, par-boiled rice, flavor-added rice, and rice crackers were excluded. Distribution of residues in rice may be found in Appendix C. Pesticide residue analysis was performed by the California Department of Food and Agriculture laboratory located in Sacramento, CA.

- Oats

PDP collected and analyzed 695 oat samples in 2019. One-pound samples were collected from routine PDP sampling sites that included major chain-stores distribution centers, terminal markets, and proxy retail sites. About 75 percent of the samples were collected from proxy sites. One-pound oat samples included whole oats, rolled oats, steel-cut oats, and oat bran. Further processed oats, such as instant oats, quick oats, and oat flour were not included in the sampling scheme. Distribution of residues in oats may be found in Appendix D. Pesticide residue analysis was performed by the California Department of Food and Agriculture laboratory located in Sacramento, CA.

- Sampling Limitations

Ten States from all four census regions of the United States participate in PDP. The States that participate account for about 50 percent of the U.S. population and the major agricultural production areas of the country, making them representative of the United States as a whole.

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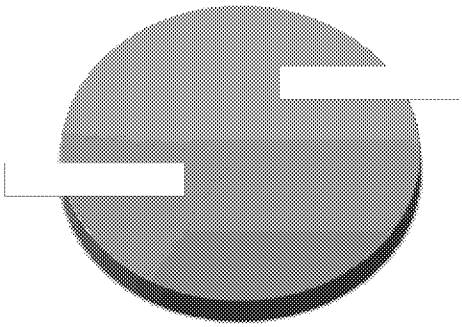
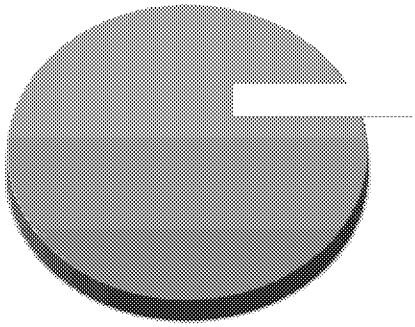
A. Fresh Fruit and Vegetable Samples

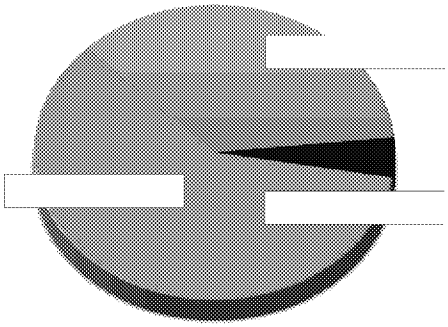
Asparagus (298 Samples)



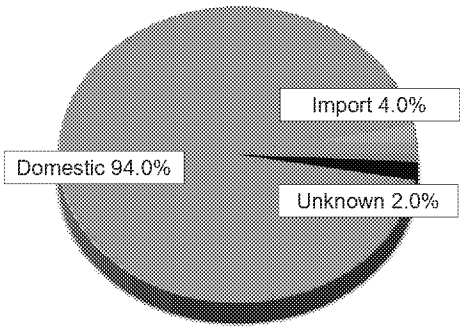
Bananas (708 Samples)



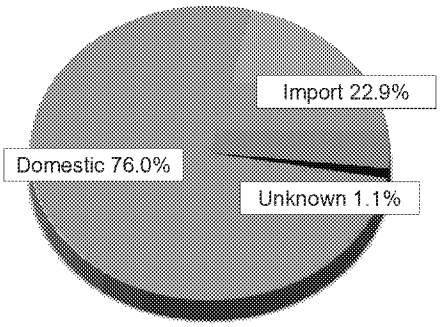
Basil (343 Samples)



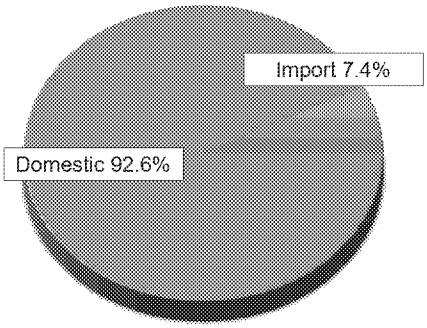
Cabbage (300 Samples)



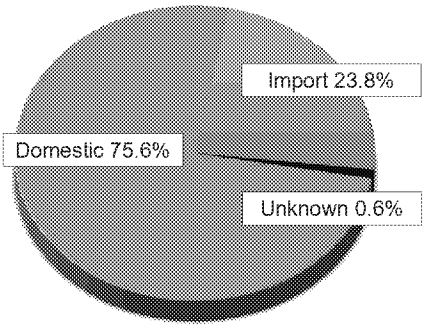
Cantaloupe (354 Samples)



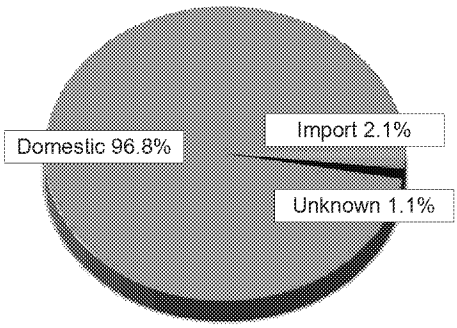
Cauliflower (176 Samples)



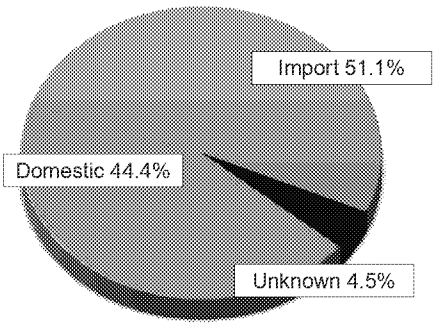
Cilantro (176 Samples)



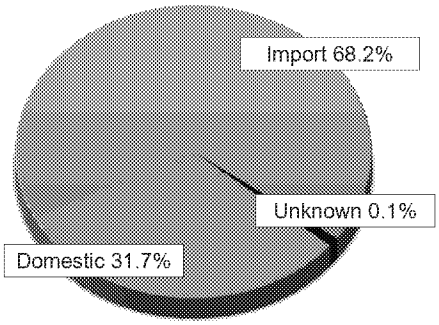
Collard Greens (187 Samples)



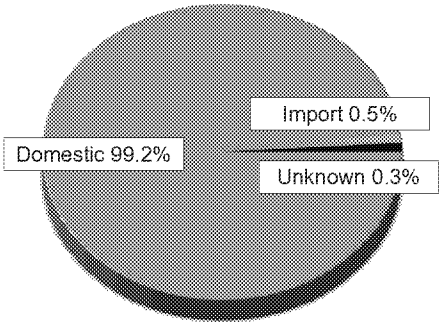
Hot Peppers (651 Samples)



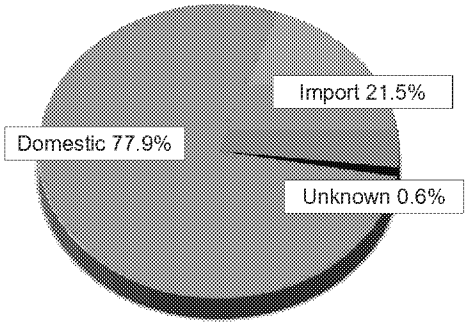
Kiwi Fruit (704 Samples)



Mustard Greens (595 Samples)



Radishes (712 Samples)



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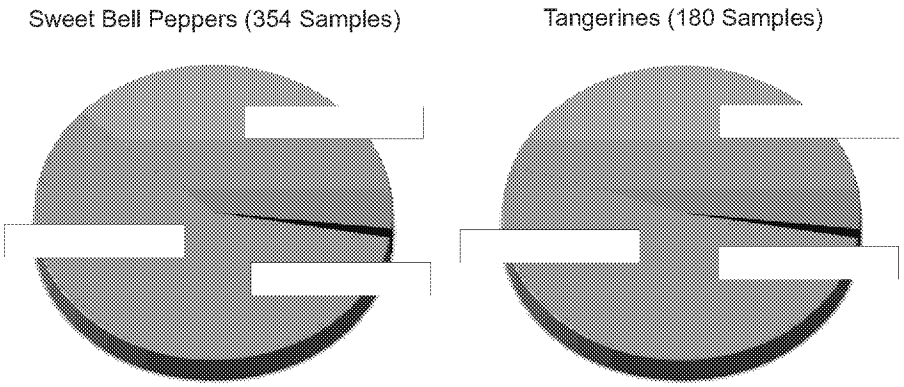
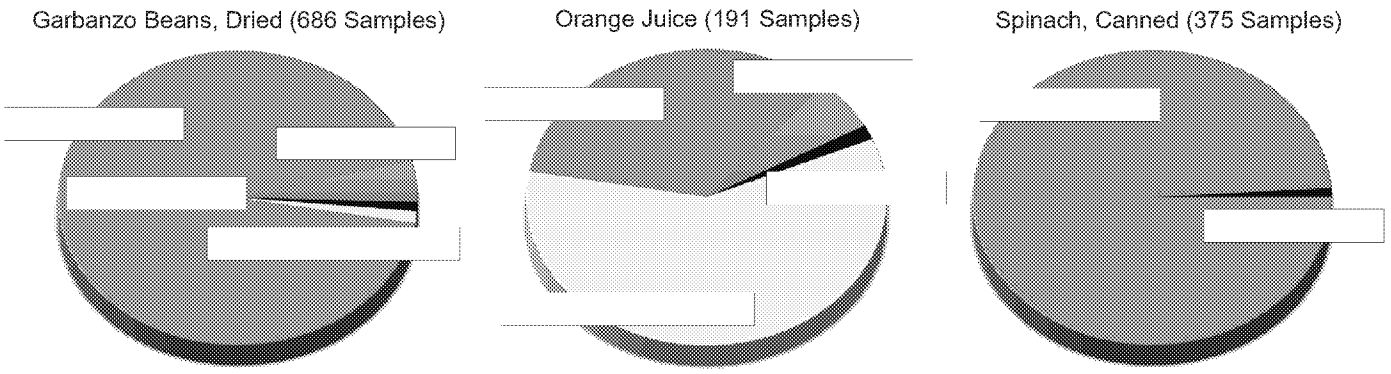
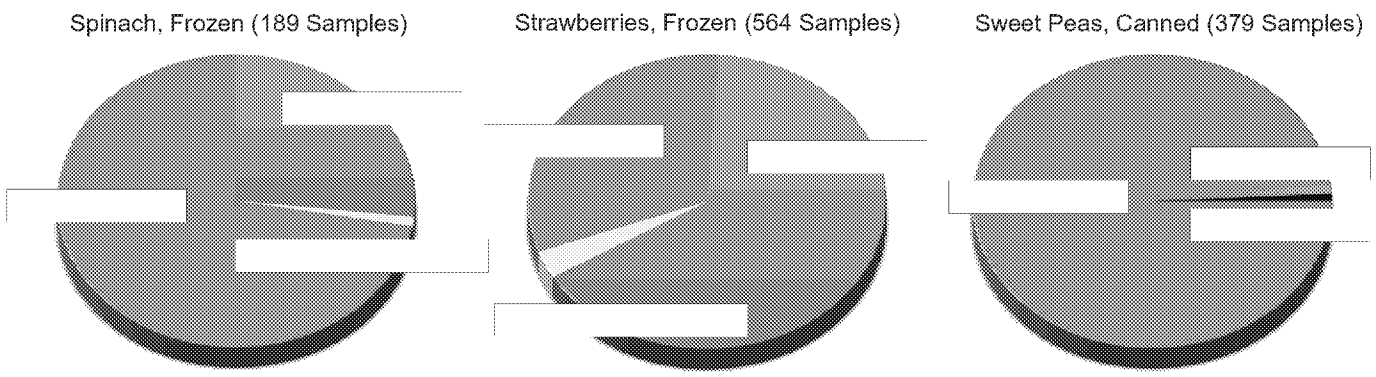


B. Processed Fruit and Vegetable Commodities





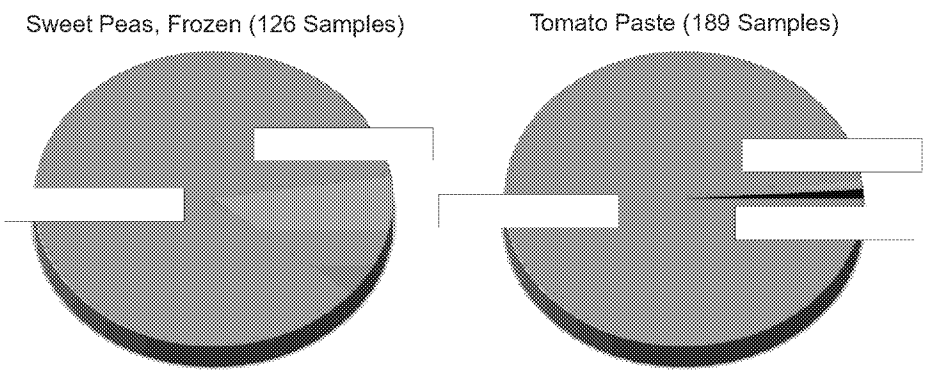


Figure 3. Commodity Origin. *This figure depicts the proportion of commodity origin (domestic, import, unknown, and mixed national origin) for each fresh and processed fruit and vegetable product tested in 2019.*

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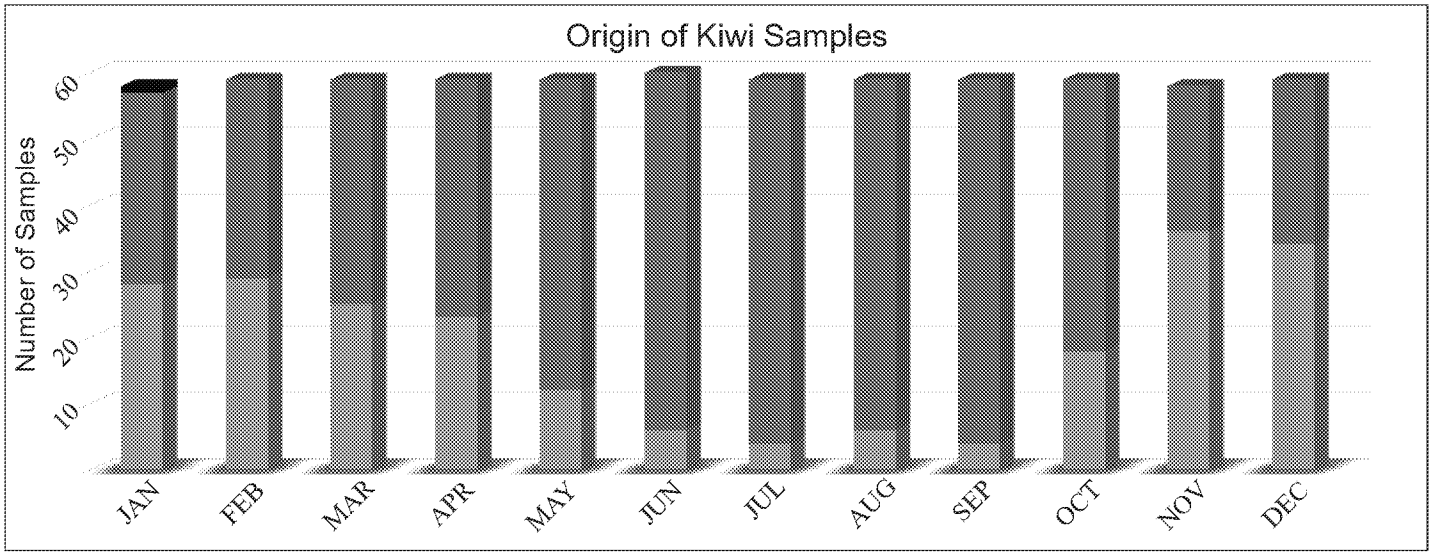

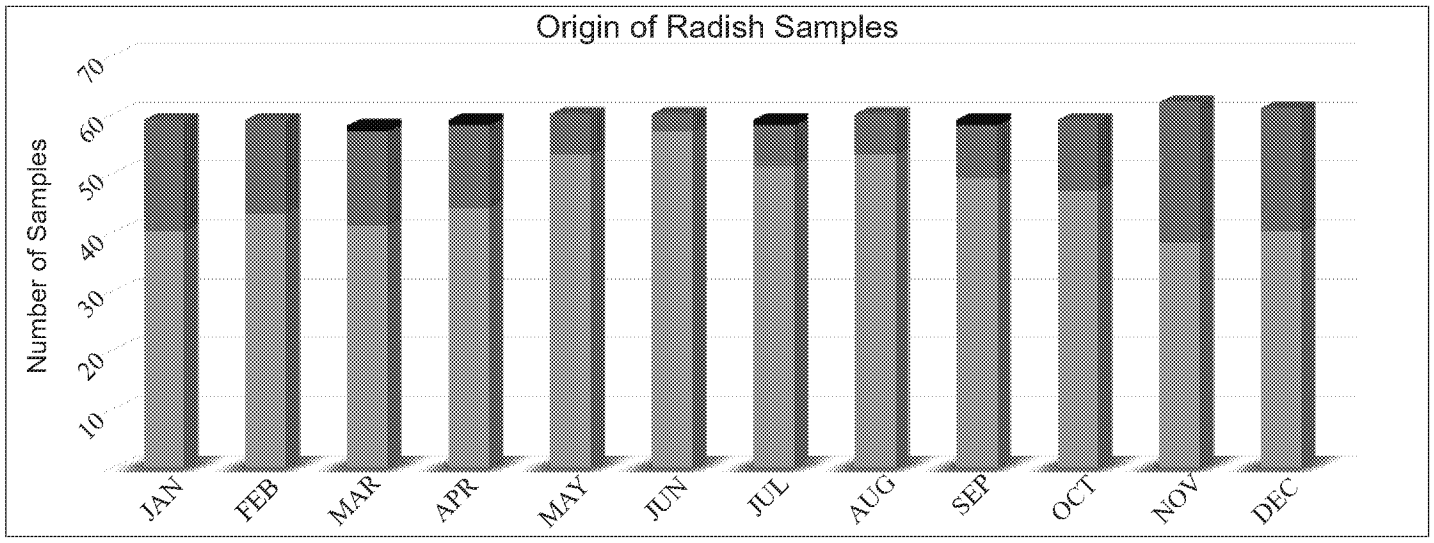

Domestic Imported Unknown

Figure 4. Origin of Selected Fresh Commodity: Kiwi and Radish Samples. *Differences in origin (domestic vs. import) are illustrated by month.*

PDP collects samples from over 570 distribution centers and terminal markets within the participating States. The total number of distribution centers and terminal markets within the participating States is difficult to establish since existing sites may go out of business or merge and new sites may open during the year. However, there is no evidence to believe that sites within the States that participate differ significantly from those that do not participate. Since these sites are similar throughout the State, they are representative of all sites in the State.

Sometimes it is necessary to replace the site that was originally selected using PPS. In those cases, an alternate site is selected by the State personnel to replace the original site. Whenever possible, a site of similar size in the same region as the original site is chosen as the replacement. Additionally, the availability of a specific commodity may necessitate a change in site selection. For example, lettuce may be collected from an alternate site if the primary site is out of stock.

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III. Laboratory Operations

- Overview

Seven State laboratories performed analyses for PDP. These laboratories are equipped with instrumentation capable of detecting residues at very low levels. Laboratory staff members receive intensive training and must demonstrate analytical proficiency on an ongoing basis. Laboratory scientists continually test new technologies and develop new techniques to improve the levels of detection. Any major change in methodology and/ or instrumentation is evaluated and its soundness demonstrated and documented by means of method validation modules in accordance with PDP SOPs.

- Fresh and Processed Commodities

A total of 8,437 fresh and processed fruit and vegetable samples were tested for 575 parent pesticides, metabolites, degradates, and/or isomers, plus 21 environmental contaminants using Multi-Residue Methods (MRMs). Pesticides prioritized for screening by PDP include those with current registered uses for the commodity being tested and compounds for which toxicity data and preliminary estimates of dietary exposure indicate the need for more extensive residue data.

Upon arrival at the testing facility, samples of fresh commodities were visually examined for acceptability and discarded if determined to be inedible (decayed, extensively bruised, or spoiled). Laboratories are permitted to refrigerate incoming fresh fruit and vegetable samples of the same commodity up to 72 hours to allow for different sample arrival times from collection sites. Frozen and canned commodities may be held in storage (freezer or shelf) until the entire sample set is ready for analysis.

Each sample is prepared according to the procedures detailed in Table 4, which lists the steps for preparing each commodity for analysis as defined in the Laboratory Sample Processing and Analysis SOP. For all commodities, the sample is chopped, mixed, or blended until a visually homogeneous mixture is attained.

Samples are separated into analytical portions (aliquots) for analysis. If testing cannot be performed immediately, the entire analytical set is frozen at -40°C or lower, according to PDP's Quality Assurance/ Quality Control (QA/QC) requirements. Surplus aliquots not used for the initial testing are retained frozen in the event that replication of analysis or verification testing is required.

For analysis of fruit and vegetable samples, testing laboratories use various Quick, Easy, Cheap, Effective, Rugged and Safe (QuEChERS)-based approaches.[3] All MRMs are determined, prior to use and through appropriate method validation procedures, to produce equivalent data for PDP analytical purposes. PDP laboratories use gas chromatography (GC) and liquid chromatography (LC) instrumentation, coupled with tandem mass spectrometry (MS) detection systems for the simultaneous identification/confirmation and quantitation of pesticides. The use of these GC-MS/ MS and LC- MS/MS systems allows the program to capture data for a broad spectrum of pesticides, including emerging product chemistries.

- Rice and Oats

The California Department of Food and Agriculture laboratory tested 565 samples of rice. A total of 443 parent pesticides, metabolites, degradates and/or isomers, plus 19 environmental contaminants were screened in rice samples.

The California Department of Food and Agriculture laboratory tested 695 samples of oats. A total of 445 parent pesticides, metabolites, degradates and/or isomers, plus 19 environmental contaminants were screened in oat samples.

Samples were prepared according to the procedures detailed in Table 4. Samples were extracted using modifications of the QuEChERS method, and analyses were performed using GC- MS/MS, and LC- MS/MS.

[3] M. Anastassiades, S.J. Lehotay, D. Stajnbaher and F.J. Schenck, "Quick, Easy, Cheap, Effective, Rugged and Safe (QuEChERS) Method," J AOAC Int 86 (2003) 412.

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Commodity	Sample Preparation Steps
Asparagus	Remove an inch or two of the woody stem, if inedible. Wash and drain.
Bananas	If necessary, banana samples may be stored in a secure location at room temperature for up to 72 hours for ripening purposes. To accelerate ripening, the bananas can be stored in a paper bag. Peel each fruit.
Basil	Trim the ends. Remove the discolored or damaged leaves. Wash and drain.
Cabbage	Visually examine the head, and remove wrapper, damaged, or wilted leaves, and the core. Rinse, turn the head top side down to drain.
Canned Products: Spinach, Sweet Peas, Tomato Paste	If the lid of the can has visible dirt or dust, rinse the lid under cold running tap water for 5 to 10 seconds. Dry the lid with a paper towel. Open each can and pour the entire contents of each can including the liquid into a blender/homogenizer.
Cantaloupe	Cut each cantaloupe in half and remove seeds and rind. Halves may be further divided at this point to facilitate removal of the rind.
Cauliflower	Visually examine the head and remove wrapper leaves and any damaged portions. Rinse, turn the head top side down to drain.
Cilantro	Trim the ends. Remove the discolored or damaged leaves. Wash and drain.
Frozen Product: Spinach, Strawberries, Sweet Peas	The samples may be chopped while frozen, or to prevent damage to the chopper/homogenizer blades, the sample may be thawed in a refrigerator or in a room temperature water bath. Open the containers and pour the entire contents into the chopper/homogenizer.
Garbanzo Beans, Dried	Open all of the garbanzo bean package(s) into a container and mix or shake to obtain a representative analytical portion. Grind the representative portion. Prepare the analytical portion for extraction and analysis.
Grains: Oats, Rice	Grind the entire sample using an appropriate device to obtain a homogeneous mixture. If a significantly large sample is received, a subsample can be homogenized at the target weight.
Greens: Collard, Mustard	Visually examine the sample and remove only the damaged or wilted leaves and any woody stems. Wash and drain. Note: Bagged pre-washed greens do not require washing by the laboratory.
Hot Peppers	Wash and drain. Remove stem.
Kiwi Fruit	Wash and drain. Do not peel.
Orange Juice	Ensure that the sample is evenly mixed to obtain a homogeneous mixture.
Radishes	Hold each radish under cold running tap water and remove any loose soil and grit (discard the leaf portion). Rinse and drain. Note: Bagged pre-washed radishes do not require washing by the laboratory. Remove any tops or roots that are present.
Sweet Bell Peppers	Wash and drain. Remove stem, core, and seeds.
Tangerines	Peel each fruit and remove any excess white membrane.

Table 4. Sample Preparation Steps for Analysis. *This table lists the steps for preparing each collected commodity for analysis as defined in the Laboratory Standard Operating Procedure. The wash and drain steps refer to a wash under cold running water for approximately 15-20 seconds to assure that all surfaces are rinsed, then a drain for at least 2 minutes. For all commodities, the sample is chopped, mixed, or blended until a visually homogeneous mixture is attained.*

♦ Quality Assurance Program

The primary objectives of the QA/QC program are to ensure the reliability of PDP data and the performance equivalency of the participating laboratories. Direction for the PDP QA program is provided through SOPs based on EPA Good Laboratory Practices, along with program-specific QA/QC requirements. The PDP SOPs provide uniform administrative and sampling procedures, as well as guidelines for laboratory operations and data analyses. The SOPs are revised annually to accommodate changes in the program and are aligned with International Organization for Standardization (ISO)[4] requirements. PDP laboratories are accredited to ISO 17025 by the American Association for Laboratory Accreditation (A2LA), an internationally recognized accrediting body.

[4] "ISO" is not an acronym because the initials would be different in various official languages. "ISO" is adopted from the Greek word "isos" meaning equal.

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A Technical Advisory Group, comprised of laboratory Technical Program Managers and Quality Assurance Officers, is responsible for annually reviewing program SOPs and addressing QA issues. For day-to-day QA oversight, PDP relies on the Quality Assurance Unit (QAU) at each participating facility. The QAU operates independently from the laboratory staff and is responsible for reviewing all data generated for PDP and for performing quarterly, internal program audits. Preliminary data review procedures are performed onsite by each laboratory's QAU. MPD staff conduct a final review of data for conformance with SOPs.

Method Performance Requirements: Laboratories are required to determine and verify the limits of detection (LODs) and limits of quantitation (LOQs) for each pesticide/commodity pair. LODs depend on matrix, analyte, and methods used (extraction and instrumental). LODs for each pesticide/commodity pair are shown in the applicable crop results appendix. Additional method performance/validation requirements include modules for consistent instrument response (linearity), method range, and precision and accuracy.

Identification/Confirmation: Identification/confirmation is performed using MS technologies. Residue amounts greater than or equal to LOD and below LOQ are reported as below quantifiable level (BQL). BQLs are assigned values at one-half the LOQ and are used along with values greater than or equal to LOQ and non-detects in dietary risk assessments when appropriate.

Routine Quality Control Procedures: PDP procedures for QC are used to assess method and analyst performance during sample preparation, extraction, and cleanup. To maximize sample output and decrease the QC/sample ratio, samples are analyzed in analytical sets that include the test samples and the following components:

• Reagent Blank - For analysis of fruit and vegetables, rice, and oats, an amount of distilled water, equivalent to the natural moisture content of the commodity, is run through the entire analytical process to confirm glassware cleanliness and system integrity.

• Matrix Blank - A previously analyzed sample of the same commodity, which contains either very low concentrations of known residues or no detectable residues, is divided into two portions. The first portion is used to determine background information on naturally occurring chemicals and the second to prepare a matrix spike.

• Matrix Spike(s) - Prior to extraction, a portion of the matrix blank is spiked with marker pesticides to determine the precision and accuracy of the analyst and instrument performance. Marker pesticides are compounds selected from different pesticide classes (e.g., organochlorines, organophosphates, carbamates, conazoles, imidazolinones, macrocyclic lactones, neonicotinyls, phenoxy acid herbicides, pyrethroids, strobilurins, sulfonyl urea herbicides, triazines, uracils), with physical and chemical characteristics representative of their corresponding pesticide class. Marker pesticides may be used to monitor recovery instead of spiking all pesticides. This use of marker pesticides optimizes the resources required to analyze the thousands of analyte/matrix combinations in the program while still allowing evaluation of daily recovery patterns.

In addition, each laboratory must perform matrix spikes at least quarterly for each analyte/crop combination it reports. Some laboratories choose to rotate spikes of all compounds on a set-by-set basis or spike all compounds analyzed with each set, so that the amount of spike recovery data obtained exceeds the minimal requirements previously stated. During 2019, PDP laboratories quantitated a total of 79,197 matrix spikes, with an overall mean recovery of 92.5 percent and an overall 19.5 percent coefficient of variation (% C.V.). The % C.V. is calculated as the standard deviation divided by the mean.

• Process Control Spike - A compound with physical and chemical characteristics similar to those of the pesticides being tested is used to evaluate the analytical process on a sample-by-sample basis. Each of the analytical set components, except the reagent and matrix blanks, is spiked with process controls. During 2019, PDP laboratories quantitated a total of 20,373 process controls on 9,697 samples, with an overall mean recovery of 100.7 percent and an overall 16.5 percent C.V. Of these process controls, 4 (<0.02 percent) were reruns due to initial failure to meet

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PDP recovery criteria. The rerun values are not included in these statistics.

Proficiency Testing: All facilities are required to participate in PDP's Proficiency Testing (PT) program. In order to properly benchmark performance, PDP laboratories participate in the international Food Analysis Performance Assessment Scheme (FAPAS), administered by the Food and Environment Research Agency, Sand Hutton, York, United Kingdom. In 2019, PDP laboratories that routinely analyze fruit and vegetable samples via MRMs participated in one FAPAS round for tomato purée that contained 11 fortified analytes. Laboratories were evaluated based on z-scores for reported compounds, as well as any reported false negatives or false positives. PDP laboratories typically obtained z-scores less than two, which is deemed satisfactory performance.

In addition, PDP laboratories participate in an internal PT program that is tailored to current PDP commodities and testing profiles. For this internal program, the California Department of Food and Agriculture QAU prepares and issues rounds designed in collaboration with MPD. Spiking compounds are selected with specificity and levels for each commodity. Fortification levels of selected analytes are generally 1 to 10 times the program LOQ for that commodity/compound pair. For each multiresidue round, one compound per set is typically repeated within the round to provide an indicator of repeatability. The resulting data are used to determine performance equivalency among the testing laboratories and to evaluate individual laboratory performance.

During 2019, PDP laboratories received two multiresidue fruit and vegetable PT rounds (bananas and bell peppers), each consisting of three test samples. The banana samples were fortified with a total of 9 different compounds with boscalid spiked on 2 different samples. The bell pepper samples were fortified with a total of 12 different compounds with dieldrin spiked on 2 different samples at the same level to evaluate within and between laboratory variability.

Onsite Reviews: In addition to the onsite assessments performed by A2LA that are required to maintain ISO 17025 accreditation, MPD staff chemists perform onsite reviews of laboratory operations to determine compliance with PDP SOPs and provide a report of findings identifying potential areas of improvement. Improvements in sampling, chain-of-custody, laboratory, recordkeeping, and electronic data transmission procedures are made as a result of onsite reviews.

IV. Database Management

PDP maintains an electronic database that serves as a central data repository. The data captured and stored in the PDP database include sample collection and product information, residue findings, and process control recoveries for each sample analyzed, in addition to QA/QC fortified recoveries for each set of samples. Each calendar-year survey is stored in a separate database structure, which allows easier administration and data reporting. The PDP data pathway is illustrated in Figure 5.

- Electronic Data Path

PDP utilizes the Remote Data Entry (RDE) system, which is a customized software application that allows participating State and Federal laboratories to enter and transmit data electronically. The RDE system is distributed with all user interface software and database files residing on laboratory computers. The laboratory users need only Microsoft® Office tools to interface with the RDE system. Access is controlled through separate user login/password accounts and user access rights for the various system functions based on position requirements. The RDE system utilizes file encryption to secure all data stored in and transmitted from the RDE system.

A separate Windows®-based system allows sample collectors to capture the standardized Sample Information Form (SIF) electronically on laptop or tablet computers. The e-SIF system generates formatted text files containing sample information that are e-mailed to MPD staff for central processing and distribution to the analyzing laboratories for import into the RDE system.

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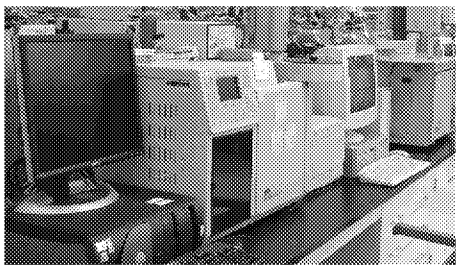
SAMPLE COLLECTION

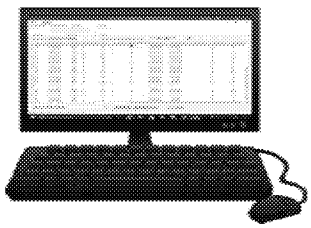
- Collection in 10 States
- Samples taken close to consumer consumption
- Standardized sample information forms
- Data entry on tablet/laptop computers

LABORATORY ANALYSIS



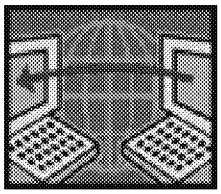
- 7 State laboratories, 1 Federal laboratory
- Fruit and vegetable samples prepared for consumption
- Detect residues at low levels
- Pesticide residue data generated
- Multi-tiered quality assurance data review process

LABORATORY REMOTE DATA ENTRY (RDE)



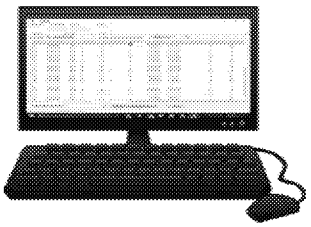
- Customized data entry software
- Import data from other systems
- Access controlled by user login
- Extensive data cross-checks

INTERNET



INTERNET

DATA REVIEW AT HQ

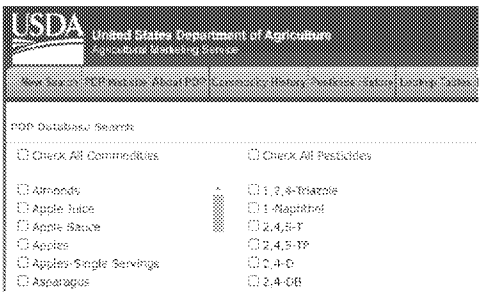


- Chemists review data on-screen
- Upload data to central database

YEAR-END REVIEW

- Data reconciliation

DATA REPORTING



- Standard & ad hoc reporting
- Annual Summary
- Data available online

Figure 5. Pesticide Data Program (PDP) Data Pathway. *An illustration of PDP data path from sample collection through laboratory analysis and reporting.*

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The RDE data entry screens have extensive editing functions and cross-checks built into the software to ensure valid values are entered for all critical data elements. This task is made easier by the practice of capturing and storing standardized codes for all critical alphanumeric data elements rather than their complete names, meanings, or descriptions. This coding scheme allows for faster and more accurate data entry, saves disk storage space, and allows the user to perform ad-hoc queries (data searches) on the database easily. The data entry screens also perform checks on numeric fields, dates, and other character fields to ensure entries are within established boundaries.

MPD staff chemists review the data online and then mark the data as ready-for-upload to the central PDP database. A separate upload application converts and passes the data to the PDP database, which is maintained using Microsoft® SQL Server and Access database tools. Access to the central PDP database is limited to MPD personnel and is controlled through password protection and user access rights.

- Data Reporting

The MPD staff frequently receives requests for data from government agencies and interested outside parties. Ad-hoc queries and custom reports are generated to fill such requests. An electronic library of data queries is maintained to generate standardized data summaries, including the data tables, charts, and appendixes in this annual summary. Subsets of the PDP calendar-year databases are made available for download from the PDP website. The data files on the website are delimited text files that contain a portion of the sampling data, all reported residue findings, and reference lists that can be used to interpret the standardized codes seen in the PDP data. The data files can be imported into defined database structures and manipulated using common database management software packages.

- Online Database Search Tool

An online PDP Database search tool is available for public use. The search tool allows anyone with internet access to search for PDP pesticide residue findings on commodities tested across all published years. Search criteria are selected from lists of all reported commodities, pesticides, and survey years. One of five output preferences is selected to show individual residue findings or summary data. The generated dataset can be exported to a comma-separated values (CSV) file. The search tool can be reached from any PDP website page or directly at https://apps.ams.usda.gov/pdp.

V. Sample Results and Discussion

- Overview

In 2019, PDP conducted surveys on a variety of foods including fresh and processed fruit and vegetables, oats and rice. Of the 9,697 samples analyzed, 8,437 were fresh and processed fruit and vegetable samples, 565 were rice, and 695 were oat samples. PDP testing methods are designed to detect low levels of pesticide residues. In 2019, nearly 99 percent of the samples tested had residues below the tolerances established by the EPA with 42.5 percent having no detectable pesticide residue. The data reported by PDP illustrate that residues found in agricultural products sampled are at levels that do not pose risk to consumers' health and are safe according to EPA and FDA.

Appendix B tabulates the distribution of residue results for fruit and vegetables. Information included in this appendix are number of samples analyzed for each compound, number and percent of samples with detections, range of concentrations detected, range of analytical LODs, and EPA tolerance levels. Appendix C provides the distribution of residues for rice. Appendix D provides the distribution of residues for oats.

PDP laboratories tested foods for low levels of environmental contaminants that are no longer used in the United States, but due to their persistence in the environment, particularly in soil, these contaminants can be taken up by plants. Appendix E tabulates the results for environmental contaminants across all commodities. Environmental contaminants are consolidated into a single appendix because they have no registered uses and are not applied to crops in the United States. These compounds are

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subject to FDA Action Levels (ALs), rather than tolerances. Because environmental contaminants continue to persist in the environment, they may be present in food commodities at generally low levels.

Most of the collected and analyzed samples (64.5 percent) were produced in the United States, 32.2 percent were imports, 2.5 percent were of mixed national origin, and 0.8 percent were of unknown origin. Appendix F shows the distribution of sample origin by State or country. Of all samples collected and analyzed, approximately 21.7 percent (2,106 of 9,697) were grown, packed, and/or distributed in or from California. Appendix G includes a comparison of residues for selected commodities with significant domestic and import components.

Food monitoring data, together with dietary consumption surveys, are used by EPA to estimate dietary exposure to pesticides to ensure the safety of existing pesticide uses. EPA uses all results reported by PDP, including sample results reported as below the LOD and those above the tolerance. PDP laboratories are required to establish LODs and report any instrumental response below the LOD as a non-detect. LODs are established experimentally for each pesticide/commodity pair and are reported with each data set. The number of non-detects can be used in conjunction with percent-crop-treated data to determine what proportion of these values may be counted as zero towards the dietary exposure. All individual sample data can be downloaded from the PDP website at http://www.ams.usda.gov/pdp or obtained by contacting MPD.

- Import Versus Domestic Residue Comparisons

Information about the origin of each PDP sample is recorded when the sample is collected. Figure 3 illustrates the portion of the domestic and import component for each of the PDP fruit and vegetable commodities in 2019. The data generated by PDP reflect pesticide residues in foods, both domestic and imported products, available to the U.S. consumer. Many fresh and processed commodities are almost entirely of domestic origin, such as collard greens (96.8 percent); mustard greens (99.2 percent); canned spinach (99.7 percent); and canned sweet peas (99.2 percent) with only minor import (2.1 percent, 0.5 percent, none, and 0.5 percent, respectively) and unknown origins (1.1 percent, 0.3 percent, 0.3 percent, and 0.3 percent, respectively). Other fresh commodities, such as kiwi and radishes, are available from domestic growers part of the year and imported during the remaining months, as illustrated in Figure 4.

Comparison of selected residues detected in imported versus domestic hot peppers and kiwi can be found in Appendix G. These sample sets were selected to compare data where residues are present in greater than 5 percent of the commodity samples and allows for the comparison of individual residues. These data also show that the residue profiles for domestic and imported crops are significantly different.

The hot pepper data in Appendix G illustrate that fluopyram and myclobutanil were detected more frequently in imported samples than in domestic samples. Fluopyram was detected in 15.4 percent of the samples from Mexico and 5.9 percent of the U.S. samples, while myclobutanil was detected in 19.9 percent of the Mexican samples and 4.2 percent of the domestic samples. Bifenthrin and famoxadone were detected more frequently in domestic samples than in imports. Bifenthrin was detected in 22.8 percent of U.S. samples and 7.5 percent of Mexican samples, while famoxadone was detected in 13.8 percent of U.S. samples and 0.9 percent of samples from Mexico. Chlorantraniliprole, methomyl and thiamethoxam were detected with relatively equal frequency in both the U.S. and Mexican hot peppers.

The data for kiwi in Appendix G illustrates that fludioxonil and iprodione were detected more frequently in imported samples than in domestic samples. Fludioxonil was detected in 21.0 percent of the samples from Italy, 5.2 percent of samples from Chile and 3.6 percent of the U.S. samples, while iprodione was detected in 2.1 percent of Italian samples, 12.3 percent Chilean samples and 1.3 percent of the U.S. samples. In contrast, cyprodinil was detected in 20.2 percent of the U.S. samples and 0 percent of the Italian and Chilean samples.

All pesticides detected were registered in the United States; however, the profiles of residue

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findings were markedly different in the U.S. samples versus imported samples. The differences in residue detections between countries were likely due to the pesticides used in response to pest pressures based on differing environmental and climatic conditions as well as crop production and protection practices.

- Postharvest Applications

Pesticides can be applied before and after harvest depending on the crop and approved label use. PDP data capture both preharvest and postharvest uses because samples are collected at points when all pesticide applications have already occurred. Pesticides applied postharvest are used primarily as fungicides (e.g., azoxystrobin, imazalil, o-phenylphenol, and thiabendazole) and growth regulators/sprouting inhibitors (e.g., chlorpropham). Some detections reported in Appendix B most likely reflect postharvest applications to the raw agricultural commodity.

- Discussion of Results

There are many pesticides registered for use on the same crop; however, not all registered pesticides are used at the same time or location. In 2019, 42.5 percent of the samples tested had no detectable pesticide residue, and nearly 99 percent of the samples tested had residues below the tolerances established by the EPA. Pesticide use is primarily dictated by local pest pressures and environmental conditions conducive to growth of pest populations, as well as the planting of susceptible varieties.

These differences are captured by PDP data, which reflect actual residues present in food grown in various regions of the United States and foreign countries. Thus, in evaluating consumer exposure to pesticides through the diet, EPA uses all available information provided by registrants, PDP, and others to verify that tolerances meet the safety standards set by FQPA. The presence of residues at levels below the established tolerance serves to ensure and verify the safety of the Nation's food supply.

Food commodities with pesticides detected in at least 5 percent of samples tested are shown in Appendix H. The data shown include the range and mean of values detected and EPA tolerance references for each commodity/pesticide pair.

By virtue of the MRMs employed, PDP provides critical data that can be used by EPA to evaluate exposure to multiple residues from the same commodity. The data are crucial for assessments that consider cumulative exposure to pesticides determined to have common mechanisms of toxicity. The distribution of multiple pesticides occurring in samples tested during 2019 is presented in Appendix I. These data indicate that 42.5 percent of all samples tested contained no detectable pesticides, 16.6 percent contained 1 pesticide, and 40.9 percent contained more than 1 pesticide. Parent compounds and their metabolites are combined to report the number of "pesticides" rather than the number of "residues." Environmental contaminants, listed in Appendix E, have been excluded from this count of pesticides.

One sample of basil and 2 samples of mustard greens contained residues of 20 pesticides. Three residues found on the basil sample exceeded the established tolerances. Multiple residue detections can result from the application of more than one pesticide on a crop during a growing season; in addition, several other factors can contribute to multiple detections. For example, unintentional spray drift in the field, planting of crops in fields previously treated with the pesticide, and/or transfer of residues of postharvest fungicides or growth regulators applied to other commodities stored in the same storage facilities could all contribute to residue detections.

In most cases, samples analyzed by PDP are composites of 3 to 5 pounds of commodity from the same lot. Therefore, the estimated concentrations for multiple residue detections in these composite sample results may or may not reflect the number or levels of pesticides in a single-serving item of a commodity.

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- Special Projects

Rice: The California laboratory conducted testing for pesticide residues on 565 rice samples. Appendix C shows that 45 residues (including metabolites and isomers) representing 43 pesticides were detected in rice. The most frequently detected residue was propiconazole, which was detected in 213 samples (37.7 percent). Piperonyl butoxide was detected in 113 samples (20 percent), MGK-264 in 68 samples (12 percent), azoxystrobin in 61 samples (10.8 percent), and dinotefuran in 48 samples (8.5 percent). All residue detections were lower than the established tolerances, where tolerances were established.

Oats (grain): The California laboratory conducted testing for pesticide residues on 695 oat samples. Nine different residues for nine distinct pesticides were detected in oats (Appendix D). The most frequently detected residue was piperonyl butoxide, which was detected in 14 samples (2 percent). Malathion was detected in 11 samples (1.6 percent), Diphenylamine (DPA) in 8 samples (1.2 percent), Chlorpropham in 6 samples (0.9 percent), and MGK-264 in 5 samples (0.7 percent). All residue detections were lower than the established tolerances, where tolerances were established.

- Environmental Contaminants

Environmental contaminants include pesticides whose uses have been canceled in the United States, but their residues persist in the environment, particularly in soil, where they may be taken up by plants. These data are also used to facilitate international trade. Residue results for environmental contaminants may be found in Appendix E.

DDT, DDD, and DDE: PDP screened samples for various metabolites of DDT including DDT o,p'; DDT p,p'; DDD o,p'; DDD p,p'; DDE o,p'; and DDE p,p'. Use of DDT has been prohibited in the United States since 1972; however, due to its persistence in the environment, low-level residues of DDT and its DDD and DDE metabolites were detected in some commodities tested. DDE p,p' was detected in basil (1.2 percent), canned spinach (0.3 percent), cilantro (27.3 percent), frozen spinach (18 percent), hot peppers (0.5 percent), mustard greens (9.2 percent), and radishes (3.8 percent). DDT p,p' was detected in cilantro (8.5 percent), mustard greens (2.4 percent), radishes (0.1 percent), and rice (0.2 percent). DDT o,p' was detected in cilantro (5.7 percent) and mustard greens (2.5 percent). DDD p,p' was detected in canned sweet peas (0.3 percent) and cilantro (0.6 percent). No residues of DDD o,p' or DDE o,p' were detected in any samples. All residues detected were lower than established FDA ALs.

Other Contaminants: PDP screened samples for other environmental contaminants including: aldrin, which readily metabolizes to dieldrin; BHC (alpha/beta/delta/epsilon); chlordane (total, cis, trans) and its metabolite oxychlordane; dieldrin; endrin; heptachlor and its epoxide metabolite; hexachlorobenzene (HCB); lindane (BHC gamma); and mirex. HCB was used as a seed protectant until 1965 and, due to its persistence, remains in soil and grasses. In 1974, all aldrin and dieldrin uses were canceled in the United States and, in 1978, all heptachlor and mirex uses were canceled. In 1986, chlordane uses, except termiticide uses, were canceled. Despite these cancellations and because they persist in the environment, trace residues of aldrin, chlordane (cis and trans) and dieldrin were detected in some of the tested commodities.

Aldrin was detected in 0.5 percent of frozen spinach samples. Chlordane (cis) was detected in 0.6 percent of cilantro samples, while chlordane (trans) was detected in 0.2 percent of mustard greens samples. Dieldrin was detected in 1.1 percent of cantaloupe samples, 1.1 percent of cilantro samples, 0.6 percent of radish samples, and 0.5 percent of mustard greens samples. No residues of BHC (alpha/beta/delta/epsilon), endrin, heptachlor (parent), heptachlor epoxide, HCB, lindane (BHC gamma), mirex, or oxychlordane were detected in any samples.

- Tolerance Violations

A tolerance is defined under Section 408 of the Federal Food, Drug, and Cosmetic Act as the

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maximum quantity of a pesticide residue allowable on a raw agricultural commodity. Tolerances are also applicable to processed foods. The FQPA of 1996 amended the Federal Insecticide, Fungicide and Rodenticide Act to require EPA to periodically review each pesticide registration using the most currently available data. Timely pesticide data provided by PDP enable the EPA to refine risk estimates used in the pesticide reregistration process.

A tolerance violation occurs when a residue is found that exceeds the tolerance level or when a certain residue is found for which there is no established tolerance. Apart from meat, poultry, and egg products, for which USDA's Food Safety and Inspection Service is responsible, FDA enforces tolerances for all imported foods and domestic foods that move through interstate commerce. Unlike enforcement programs, PDP emphasizes determination of residues at low levels of detection levels rather than quick turn-around times. When PDP identifies samples with residues exceeding the tolerance or with residues for which there is no established tolerance, these detections are reported to FDA's headquarters office. This notification is made in accordance with a Memorandum of Understanding between USDA and FDA for the purpose of identifying areas where closer surveillance may be needed. FDA assesses PDP apparent violation data for appropriateness for follow up under its regulatory pesticide program. Due to the time period required for completion of PDP analyses and data reporting, FDA follow up will usually be at a subsequent harvest or commodity availability period.

Residues exceeding the established tolerance or ALs are noted with an "X" in Appendix B. Similarly, residues for which a tolerance is not established are noted with a "V" in Appendixes B, C, and D. The "X" and "V" annotations are followed by a number indicating the number of samples reported to FDA. The EPA tolerances cited in this summary and appendixes apply to 2019 and not to the current year. There may be instances where tolerances may have been recently changed that would influence whether a residue is violative.

An established tolerance may apply to more than one residue because pesticides may break down into more than one metabolite or contain more than one isomer. For example, the tolerance for endosulfan combines residues of endosulfan I, endosulfan II, and endosulfan sulfate; and organophosphate tolerances may combine the parent compound and the sulfone and sulfoxide metabolites. Therefore, where applicable, the pesticide violations in Appendix J are combined residues of parent and any isomers and/or metabolites to count the total number of samples with tolerance violations.

A total of 827 samples with 1,483 pesticides was reported to FDA as Presumptive Tolerance Violations. Pesticides exceeding the tolerance were detected in 1.29 percent (125 samples) of the total samples tested (9,697 samples). Of these 125 samples, 51 were domestic (40.8 percent), 68 were imported (54.4 percent), and 6 were of unknown origin (4.8 percent), representing 0.8 percent of the total domestic samples, 2.2 percent of the total imported samples, and 7.7 percent of the total unknown origin samples, respectively. The samples containing pesticides that exceeded established tolerances included: 93 samples of basil, 1 sample of cilantro, 3 samples of collard greens, 3 samples of dried garbanzo beans, 2 samples of hot peppers, 8 samples of mustard greens, 2 samples of radishes, 5 samples of frozen spinach, and 8 samples of frozen strawberries.

Residues with no established tolerance were found in 8.2 percent (792 samples) of the total samples tested (9,697 samples). Of these 792 samples, 528 were domestic (66.6 percent), 246 were imported (31.1 percent), and 18 samples were of unknown origin (2.3 percent), representing 7.6 percent of the total domestic samples, 7.3 percent of the total imported samples, and 40.0 percent of the total unknown origin samples respectively. These samples included 569 fresh fruit and vegetable samples, 119 processed fruit/vegetable samples, 88 rice samples, and 16 oat samples. The 119 processed fruit/vegetable samples were dried garbanzo beans, orange juice, canned and frozen spinach, frozen strawberries, frozen sweet peas, and tomato paste. There were 517 samples that contained 1 pesticide for which no tolerance was established; 142

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samples with 2 pesticides for which no tolerance was established; 67 samples with 3 pesticides for which no tolerance was established; 39 samples with 4 pesticides for which no tolerance was established; 17 samples with 5 pesticides for which no tolerance was established; 7 samples with 6 pesticides for which no tolerance was established; 1 sample with 7 pesticides for which no tolerance was established; 1 sample with 8 pesticides for which no tolerance was established; and 1 sample with 10 pesticides for which no tolerance was established. Ninety of the 792 samples also contained 1 or more pesticides that exceeded an established tolerance. The pesticide residue levels and commodities are listed in Appendix J. In most cases, these pesticides with no established tolerance were detected at low levels. Some pesticide residues may have resulted from unintentional spray drift in the field; planting of crops in fields previously treated with the pesticide; transfer of pesticide residues, post-harvest fungicides, or other growth regulators applied to other commodities kept in the same storage facilities; or exposure to pesticides during transportation through the distribution chain.

♦ Look Ahead

At the time this report was drafted, 2020 PDP sampling and testing was underway. Commodities included in the 2020 survey are: apple juice, bananas, blueberries, broccoli, cantaloupe, carrots, cauliflower, collard greens, eggplant, green beans, kiwi, mandarins (tangerines), orange juice, radishes, summer squash, sweet bell peppers, tomato paste, and winter squash. It is anticipated that the 2020 PDP data will be published in an annual summary approximately 1 year after the date of this report.

♦♦♦♦♦♦

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Appendix A

Commodity History

Appendix A identifies commodities sampled by the Pesticide Data Program (PDP) through December 2020. Updates to this list are posted on the PDP Web site at www.ams.usda.gov/pdp.

APPENDIX A. COMMODITY HISTORY
AS OF DECEMBER 2020

Fresh Commodities

Commodity	Start Date	End Date
Apples [1]	Sep-91	Dec-96
Apples (S-1)	Jan-99	Dec-99
Apples (S-2)	Jan-99	May-99
Apples	Oct-00	Sep-02
Apples (T-1)	Jan-03	Dec-03
Apples	Jan-04	Dec-05
Apples	Jan-09	Dec-10
Apples (B-1)	Aug-12	Oct-12
Apples	Oct-14	Sep-16
Asparagus	Jan-02	Jun-03
Asparagus	Jul-08	Jun-10
Asparagus	Jul-17	Jun-19
Avocados	Jul-12	Dec-12
Bananas	Sep-91	Sep-95
Bananas	Jan-01	Dec-02
Bananas (TSP)	Jul-03	Dec-03
Bananas	Jan-06	Dec-07
Bananas	Apr-12	Mar-14
Bananas	Jan-19	Dec-20
Basil	Apr-19	Sep-19
Blueberries (cultivated) [2]	Jan-07	Dec-08
Blueberries (cultivated) [2]	Jan-14	Dec-14
Blueberries (cultivated) [2]	Oct-20	Ongoing
Broccoli	Oct-92	Dec-94
Broccoli	Jan-01	Dec-02
Broccoli	Oct-06	Sep-08
Broccoli	Jan-13	Dec-14
Broccoli	Jan-20	Ongoing
Cabbage	Jan-10	Dec-11
Cabbage	Jul-17	Jun-19
Cantaloupe	Jul-98	Jun-00
Cantaloupe	Oct-03	Sep-05
Cantaloupe	Jan-10	Mar-10
Cantaloupe	Oct-10	Jun-12
Cantaloupe	Jul-19	Ongoing
Carrots [1]	Oct-92	Sep-96
Carrots	Oct-00	Sep-02
Carrots	Jan-06	Dec-07
Carrots	Jan-13	Dec-14
Carrots	Apr-20	Ongoing
Cauliflower	Oct-04	Sep-06
Cauliflower	Oct-11	Sep-13

Commodity	Start Date	End Date
Cauliflower	Oct-19	Ongoing
Celery	Feb-92	Mar-94
Celery	Jan-01	Dec-02
Celery	Jan-07	Dec-08
Celery	Jan-13	Dec-14
Cherries [3]	May-00	Aug-01
Cherries [2]	May-07	Sep-07
Cherries	Apr-14	Mar-16
Cilantro	Oct-09	Sep-10
Cilantro	Oct-18	Mar-19
Collards	Oct-19	Sep-20
Cranberries	Oct-06	Dec-06
Cranberries [2]	Oct-16	Mar-18
Cucumbers	Jan-99	Dec-00
Cucumbers	Oct-02	Sep-04
Cucumbers	Jan-09	Dec-10
Cucumbers	Jul-15	Jun-17
Eggplant	Jan-05	Dec-06
Eggplant	Jan-20	Ongoing
Grapefruit	Aug-91	Dec-93
Grapefruit	Jan-05	Dec-06
Grapefruit	Oct-15	Sep-17
Grapes [1]	May-91	Dec-96
Grapes	Jan-00	Dec-01
Grapes (TSP)	Jul-03	Dec-03
Grapes	Jan-04	Dec-05
Grapes	Jan-09	Dec-10
Grapes	Jan-15	Dec-16
Green Beans	Feb-92	Dec-95
Green Beans	Jan-00	Dec-01
Green Beans	Apr-04	Mar-05
Green Beans	Jan-07	Dec-08
Green Beans	Jul-13	Sep-16
Green Beans	Oct-20	Ongoing
Green Onions	Oct-08	Sep-09
Green Onions	Jan-18	Dec-18
Greens (collard & kale)	Oct-06	Sep-08
Hot Peppers	Oct-10	Sep-11
Hot Peppers	Jan-19	Dec-19
Kale	Jan-17	Dec-18
Kiwi Fruit	Apr-18	Mar-20
Lettuce	May-91	Dec-94
Lettuce	Oct-99	Sep-01
Lettuce	Jan-04	Dec-05
Lettuce	Jan-10	Dec-11
Lettuce	Jul-15	Jun-17
Lettuce, Organic	Jan-09	Dec-09

Commodity	Start Date	End Date
Mangoes	Apr-10	Sep-10
Mangoes	Oct-17	Sep-18
Mushrooms	Oct-01	Sep-03
Mushrooms	Oct-11	Sep-13
Mustard Greens	Jan-19	Dec-19
Nectarines [4]	Jul-00	Sep-01
Nectarines	Jan-07	Dec-08
Nectarines	Jan-13	Dec-15
Onions	Jan-02	Dec-03
Onions	Oct-11	Sep-12
Onions	Jan-17	Dec-17
Oranges [1]	Aug-91	Dec-96
Oranges	Jan-00	Dec-01
Oranges	Jan-04	Dec-05
Oranges	Jan-09	Dec-10
Oranges	Jan-15	Dec-16
Papaya	Jul-11	Jun-12
Peaches	Feb-92	Sep-96
Peaches (S-3)	Jan-00	Sep-00
Peaches [5]	Jan-01	Sep-02
Peaches (T-1)	May-03	Sep-03
Peaches	Oct-06	Sep-08
Peaches (B-1)	Aug-12	Oct-12
Peaches	Jul-13	Jun-15
Pears	Jan-97	Jun-99
Pears (S-1)	Jul-98	Jun-99
Pears	Oct-03	Sep-05
Pears	Jan-09	Dec-10
Pears	Jan-15	Dec-16
Pears (B-1)	Oct-12	Nov-12
Pineapples	Jul-00	Jun-02
Plums [6]	Jan-05	Dec-06
Plums	Oct-11	Sep-13
Potatoes	May-91	Dec-95
Potatoes (S-4)	Dec-96	Dec-97
Potatoes	Jul-00	Jun-02
Potatoes	Jan-08	Dec-09
Potatoes	Jan-15	Dec-16
Radishes	Jan-19	Dec-20
Raspberries [2]	Jan-13	Dec-13
Snap Peas	Jan-11	Dec-12
Snap Peas	Jan-17	Dec-18
Spinach [1]	Jan-95	Sep-97
Spinach	Jul-02	Dec-03
Spinach [7]	Jan-06	Sep-06
Spinach	Jan-08	Dec-09
Spinach	Jan-15	Dec-16

Commodity	Start Date	End Date
Strawberries [2]	Jan-98	Sep-00
Strawberries	Jan-04	Dec-05
Strawberries	Jan-08	Dec-09
Strawberries	Oct-14	Sep-16
Summer Squash	Oct-06	Sep-08
Summer Squash	Oct-12	Sep-14
Summer Squash	Oct-20	Ongoing
Sweet Corn (on-the-cob)	Oct-08	Sep-10
Sweet Corn (on-the-cob)	Oct-14	Sep-15
Sweet Bell Peppers	Jan-99	Dec-00
Sweet Bell Peppers	Oct-02	Sep-04
Sweet Bell Peppers	Jan-10	Mar-12
Sweet Bell Peppers	Jul-19	Ongoing
Sweet Potatoes [1]	Jan-96	Jun-98
Sweet Potatoes	Jan-03	Dec-04
Sweet Potatoes	Oct-08	Sep-10
Sweet Potatoes	Apr-16	Mar-18
Tangerines	Jan-11	Dec-12
Tangerines	Oct-19	Ongoing
Tomatoes [1]	Jul-96	Jun-99
Tomatoes	Jan-03	Dec-04
Tomatoes	Jan-07	Dec-08
Tomatoes	Oct-14	Sep-16
Tomatoes, Cherry/Grape	Jan-11	Dec-12
Watermelon [8]	Oct-05	Sep-06
Watermelon	Apr-10	Sep-10
Watermelon	Jul-14	Jun-15
Winter Squash [2]	Jan-97	Jun-99
Winter Squash	Jul-04	Jun-06
Winter Squash	Oct-11	Mar-13
Winter Squash	Jan-20	Ongoing

NOTES

[1] Excludes sampling hiatus September - November 1996.

[2] Frozen collected when fresh unavailable.

[3] Sampling adjusted for market availability. Cherries were sampled for 2 years (May-00 - Aug-01) for a total of 6 months.

[4] Sampling adjusted for market availability. Nectarines were sampled for 2 years (Jul-00 - Sep-01) for a total of 6 months.

[5] Sampling adjusted for market availability. Peaches were sampled for 2 years (Jan-01 - Sep-02) for a total of 16 months.

[6] Dried plums (prunes) were collected when fresh plums were not available.

[7] Spinach ended earlier than planned due to the unavailability of product.

[8] Samples collected in California, Florida, and Texas only.

(B-1) Special project testing for bifenthrin in multi-residue screen.

(S-1) Special single serving project testing for organophosphates.

(S-2) Special single serving project testing for carbamates.

Commodity	Start Date	End Date

(S-3) Special single serving project testing for carbamate, organochlorine, organophosphate, organonitrogen, and sulfur compounds.

(S-4) Special single serving project testing for aldicarb.

(T-1) Triazole parent and metabolite compounds only.

(TSP) Triazole Sampling Project. Samples sent to contract laboratory.

Processed Commodities

Commodity	Start Date	End Date
Apple Juice [1]	Jul-96	Dec-98
Apple Juice	Jan-02	Dec-02
Apple Juice	Jul-07	Jun-08
Apple Juice	Jul-12	Jun-13
Apple Juice	Jan-20	Dec-20
Applesauce	Jul-02	Dec-02
Applesauce	Jan-06	Dec-06
Applesauce	Oct-16	Sep-17
Asparagus, Canned	Jul-03	Dec-03
Beans, Canned (4 varieties) [2]	Oct-08	Sep-10
Beets, Canned	Jan-11	Dec-11
Blueberries (cultivated), Frozen [3]	Jan-07	Dec-08
Blueberries (cultivated/wild), Frozen [3]	Jan-14	Dec-14
Blueberries (cultivated), Frozen [3]	Oct-20	Ongoing
Cherries, Frozen [4]	Apr-14	Mar-16
Corn Syrup [4]	Jan-98	Jun-99
Cranberries, Canned	Apr-18	Sep-18
Cranberries, Frozen [3]	Oct-16	Mar-18
Garbanzo Beans, Canned	Oct-17	Sep-18
Garbanzo Beans, Dried	Jan-19	Dec-19
Grape Juice	Jan-98	Dec-99
Grape Juice	Jan-08	Dec-08
Grape Juice	Oct-13	Sep-14
Green Beans, Canned/Frozen [1]	Jan-96	Jun-98
Green Beans, Canned	Jan-03	Mar-04
Green Beans, Frozen	Apr-05	Dec-05
Green Beans, Canned/Frozen	Jan-14	Dec-14
Olives, Canned	Oct-16	Sep-18
Orange Juice	Jan-97	Dec-98
Orange Juice	Oct-04	Sep-06
Orange Juice	Oct-10	Sep-11
Orange Juice	Jan-12	Jun-12
Orange Juice	Oct-19	Sep-20
Peaches, Canned	Dec-96	Dec-97
Peaches, Canned	Jan-03	Dec-04
Peaches, Canned	Jan-18	Dec-18
Peaches, Canned (T-1)	Jan-03	Mar-03
Peaches, Canned (T-1)	Oct-03	Dec-03
Pear Juice, Concentrate/Puree	Jul-02	Jun-03
Pears, Canned	Jul-99	Jun-00
Peas, Canned/Frozen	Apr-94	Jun-96
Peas, Canned/Frozen [5]	Oct-01	Sep-03
Peas, Canned/Frozen	Oct-18	Sep-19
Peas, Frozen	Jan-06	Dec-06

Commodity	Start Date	End Date
Pineapple, Canned	Jan-17	Dec-17
Plums, Dried (Prunes) [6]	Jan-05	Dec-06
Plums, Dried (Prunes)	Oct-17	Sep-18
Potatoes, Frozen	Jan-06	Dec-07
Raisins	Jul-06	Jun-07
Raisins	Jan-18	Dec-18
Raspberries, Frozen [3]	Jan-13	Dec-13
Spinach, Canned	Oct-97	Dec-98
Spinach, Canned	Jan-04	Jun-04
Spinach, Canned/Frozen	Jul-10	Jun-11
Spinach, Canned/Frozen	Oct-18	Sep-19
Spinach, Frozen	Jan-99	Dec-99
Strawberries, Frozen [3]	Jan-98	Sep-00
Strawberries, Frozen	Oct-18	Sep-19
Sweet Corn, Canned/Frozen	Apr-94	Mar-96
Sweet Corn, Canned/Frozen [5]	Oct-01	Sep-03
Sweet Corn, Frozen [3]	Oct-08	Sep-10
Sweet Corn, Frozen [3]	Oct-14	Sep-15
Tomato Paste, Canned	Jan-01	Jun-01
Tomato Paste, Canned	Jan-09	Dec-09
Tomato Paste, Canned	Oct-19	Sep-20
Tomatoes, Canned	Jul-99	Jun-00
Tomatoes, Canned	Oct-16	Sep-17
Winter Squash, Frozen [3]	Jan-97	Jun-99

Baby Food / Formula Products

Commodity	Start Date	End Date
Baby Food, Applesauce	Jul-12	Jun-13
Baby Food, Carrots	Jan-12	Dec-12
Baby Food, Green Beans	Oct-10	Sep-11
Baby Food, Peaches	Jan-12	Dec-12
Baby Food, Pears	Oct-10	Sep-11
Baby Food, Peas	Jul-12	Jun-13
Baby Food, Sweet Potatoes	Oct-10	Sep-11
Infant Formula, Dairy-Based	Oct-13	Sep-14
Infant Formula, Soy-Based	Oct-13	Sep-14

NOTES

[1] Excludes sampling hiatus September - November 1996.

[2] Bean varieties included black, garbanzo, kidney, and pinto.

[3] Frozen collected when fresh unavailable.

[4] Excludes sampling hiatus January 1999.

[5] Canned samples collected in first year and frozen samples in second year of testing.

[6] Dried plums (prunes) were collected when fresh plums were not available.

(T-1) Triazole parent and metabolite compounds only.

Grains

Commodity	Start Date	End Date
Barley	Oct-01	Sep-03
Corn	Oct-06	Sep-08
Oats	Jul-99	Apr-00
Oats	Jan-10	Jun-10
Oats	Apr-14	Aug-14
Oats	Jan-19	Dec-19
Rice	Oct-00	Sep-02
Rice[1]	Oct-08	Sep-09
Rice	Apr-14	Aug-14
Rice	Oct-18	Sep-19
Soybeans	Sep-96	Feb-98
Soybeans	Oct-03	Sep-05
Soybeans	Sep-10	Apr-11
Soybeans (S-1)	Oct-05	Dec-05
Wheat	Feb-95	Jan-98
Wheat	Sep-04	Jun-06
Wheat	Jul-12	Sep-12
Wheat Flour	Jan-03	Dec-04
Wheat Flour	Jan-18	Dec-18
Wheat Flour (T-1)	Jan-03	Dec-03

Nuts and Nut Products

Commodity	Start Date	End Date
Almonds	Jul-07	Mar-08
Peanut Butter	Jan-00	Dec-00
Peanut Butter (TSP)	Jul-03	Dec-03
Peanut Butter	Jan-06	Dec-06
Peanut Butter	Apr-15	Aug-15

Dairy Products

Commodity	Start Date	End Date
Butter	Jan-03	Dec-03
Butter	Jan-12	Dec-13
Heavy Cream	Jul-05	Dec-05
Heavy Cream	Jan-07	Dec-07
Heavy Cream	Jun-18	Aug-18
Milk [2]	Jan-96	Oct-98
Milk (TSP)	Jul-03	Dec-03
Milk	Jan-04	Dec-05
Milk	Jan-11	Dec-11
Milk	Jan-16	Dec-17

Fish Products

Commodity	Type	Start Date	End Date
Fish [3]	Catfish	Apr-08	Jun-10
Fish	Salmon	Jul-13	Jun-14

Meat / Poultry / Pork Products

Commodity	Type	Start Date	End Date
Poultry	Young Chickens	Apr-00	Mar-01
Poultry	Young & Mature Chickens	Jan-06	Dec-06
Beef	Cows, Heifers, Steers	Jun-01	Jul-02
Beef [4]	Cows, Heifers, Steers	Dec-08	May-09
Pork	Gilt, Barrow	Jan-05	Jun-05

Other Products

Commodity	Start Date	End Date
Eggs (TSP)	Jul-03	Dec-03
Eggs	Jul-10	Jun-11
Eggs	Apr-16	Aug-16
Honey	Oct-07	Sep-08
Honey	Apr-17	Aug-17

Drinking Water

States	Start Date	End Date
Finished Water Only (27 sites)		
California, Colorado, Kansas, New York, Texas	Mar-01	Dec-03
Raw Intake and Finished Water (70 sites)	Jan-04	Apr-13
Alabama, Arizona, California, Florida, Georgia, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maryland, Michigan, Minnesota, Missouri, Montana, New Jersey, New York, North Carolina, North Dakota, Ohio, Oregon, Pennsylvania, South Carolina, Tennessee, Texas, Virginia, Washington State, and Washington, D.C.		
Bottled Water		
10 Participating States	Jan-05	Dec-06
10 Participating States	Jan-17	Dec-17
Groundwater		
1,495 Private Wells in 45 States plus Washington, DC	Jan-07	Feb-13
16 Municipal Water Facilities in 13 States	Mar-10	Feb-13

NOTES

[1] Includes sampling hiatus May-July 2009.

[2] Excludes sampling hiatus September - November 1996.

[3] Excludes sampling hiatus April-June 2009.

[4] Survey ended 7 months early due to budgetary constraints.

(S-1) Special survey for fungicides used to combat soybean rust.

(T-1) Triazole parent and metabolite compounds only.

(TSP) Triazole Sampling Project. Samples sent to contract laboratory.

Appendix B

Distribution of Residues by Pesticide in Fruit and Vegetables

Appendix B shows residue detections for all fruit and vegetable pesticide/commodity pairs tested, including range of values detected, range of Limits of Detection (LODs), and U.S. Environmental Protection Agency (EPA) tolerances for each pair. The EPA tolerances cited in this summary and appendixes apply to 2019 and not to the current year. There may be instances where tolerances have been recently set, modified, or revoked that would have an effect on whether a residue is violative or not.

In 2019, the Pesticide Data Program (PDP) analyzed 8,437 fruit and vegetable samples, of which 5,738 were fresh products and 2,699 were processed products.

PDP reports tolerance violations to FDA as part of an interagency Memorandum of Understanding between the U.S. Department of Agriculture and FDA. Residues reported to FDA are shown in the "Tolerance Violation" column and are annotated as "X" (if the residue exceeded the established tolerance) or "V" (if the residue did not have a tolerance listed in the Code of Federal Regulations, Title 40, Part 180). In both cases, these annotations are followed by a number indicating the number of samples reported to FDA.

Results for environmental contaminants across all commodities, including fruit and vegetables, have been consolidated in a separate appendix because they have no registered uses and are not applied to crops (see Appendix E).

APPENDIX B. DISTRIBUTION OF RESIDUES BY PESTICIDE IN FRUIT AND VEGETABLES

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
2,3,5-Trimethacarb (insecticide)							
Orange Juice	191	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**265**	**0**					
2,4-D (herbicide)							
Hot Peppers	651	0			0.035 ^		0.05
TOTAL	**651**	**0**					
2,4-DB (herbicide)							
Hot Peppers	651	0			0.030 ^		NT
TOTAL	**651**	**0**					
2,4-dimethylphenyl formamide (2,4-DMPF) (insecticide)							
Spinach, Canned	204	0			0.003 ^		NT
Spinach, Frozen	102	0			0.003 - 0.005		NT
TOTAL	**306**	**0**					
2,6-DIPN (plant growth regulator)							
Orange Juice	191	0			0.005 ^		NT
Spinach, Canned	204	0			0.005 ^		NT
Spinach, Frozen	102	0			0.005 ^		NT
Tomato Paste	74	0			0.005 ^		NT
TOTAL	**571**	**0**					
Abamectin (insecticide)							
Asparagus	298	0			0.050 ^		0.01
Bananas	708	0			0.005 ^		0.01
Cantaloupe	354	0			0.050 ^		0.01
Hot Peppers	651	0			0.005 ^		0.07
Orange Juice	191	0			0.020 ^		0.02
Spinach, Canned	204	0			0.020 ^		0.1
Spinach, Frozen	102	0			0.020 ^		0.1
Strawberries, Frozen	564	0			0.050 ^		0.05
Tomato Paste	74	0			0.020 ^		0.07
TOTAL	**3,146**	**0**					
Acephate (insecticide)							
Asparagus	298	0			0.003 ^		0.02
Bananas	708	0			0.060 ^		0.02
Basil	343	6	1.7	0.016 - 6.2	0.005 ^	X-5	0.02
Cabbage	300	0			0.050 ^		0.02
Cantaloupe	354	0			0.003 ^		0.02
Cauliflower	176	1	0.6	0.015 ^	0.005 ^		2.0
Cilantro	176	1	0.6	0.81 ^	0.005 ^	X-1	0.02
Collard Greens	187	0			0.003 ^		0.02
Garbanzo Beans, Dried	686	0			0.002 - 0.005		3.0
Hot Peppers	651	27	4.1	0.10 - 1.8	0.060 ^		4.0
Kiwi Fruit	704	0			0.15 ^		0.02
Mustard Greens	595	1	0.2	0.78 ^	0.005 - 0.075	X-1	0.02
Orange Juice	191	0			0.005 ^		0.02
Radishes	712	0			0.050 ^		0.02
Spinach, Canned	375	0			0.005 - 0.015		0.02
Spinach, Frozen	189	0			0.005 - 0.015		0.02
Strawberries, Frozen	564	2	0.4	0.004 - 0.006	0.003 ^		0.02

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Sweet Bell Peppers	354	29	8.2	0.056 - 1.5	0.050 ^		4.0
Sweet Peas, Canned	379	0			0.015 ^		0.02
Sweet Peas, Frozen	126	0			0.015 ^		0.02
Tangerines	180	0			0.060 ^		0.02
Tomato Paste	189	0			0.005 - 0.060		0.02
TOTAL	**8,437**	**67**					
Acetamiprid (insecticide)							
Asparagus	298	0			0.002 ^		0.80
Bananas	708	0			0.015 ^		0.5
Basil	343	17	5	0.008 - 14	0.003 ^	X-13	0.01
Cabbage	300	0			0.010 ^		1.20
Cantaloupe	354	54	15.3	0.002 - 0.039	0.002 ^		0.50
Cauliflower	176	1	0.6	0.003 ^	0.003 ^		1.20
Cilantro	176	1	0.6	0.007 ^	0.003 ^		0.01
Collard Greens	187	25	13.4	0.002 - 1.5	0.002 ^		15
Garbanzo Beans, Dried	686	0			0.001 - 0.003		0.01
Hot Peppers	651	30	4.6	0.025 - 0.43	0.015 ^	X-2	0.20
Kiwi Fruit	704	1	0.1	0.007 ^	0.005 ^		0.01
Mustard Greens	581	32	5.5	0.002 - 3.6	0.001 - 0.005		15
Orange Juice	191	0			0.001 ^		1.0
Radishes	712	0			0.010 ^		0.01
Spinach, Canned	375	0			0.001 - 0.002		3.00
Spinach, Frozen	189	4	2.1	0.009 - 0.036	0.001 - 0.002		3.00
Strawberries, Frozen	564	238	42.2	0.002 - 0.21	0.002 ^		0.60
Sweet Bell Peppers	354	19	5.4	0.011 - 0.060	0.010 ^		0.20
Sweet Peas, Canned	379	0			0.002 ^		0.40
Sweet Peas, Frozen	126	0			0.002 ^		0.40
Tangerines	180	16	8.9	0.002 - 0.025	0.002 ^		1.0
Tomato Paste	189	5	2.6	0.002 - 0.006	0.001 - 0.002		0.40
TOTAL	**8,423**	**443**					
Acetochlor (herbicide)							
Asparagus	298	0			0.005 ^		NT
Basil	343	0			0.006 ^		NT
Cantaloupe	354	0			0.005 ^		NT
Cauliflower	176	0			0.001 ^		NT
Cilantro	176	0			0.006 ^		NT
Collard Greens	187	0			0.005 ^		NT
Kiwi Fruit	704	0			0.050 ^		NT
Mustard Greens	595	0			0.002 - 0.050		NT
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	375	0			0.001 - 0.030		NT
Spinach, Frozen	189	0			0.001 - 0.030		NT
Strawberries, Frozen	564	0			0.005 ^		NT
Sweet Peas, Canned	379	0			0.030 ^		NT
Sweet Peas, Frozen	126	0			0.030 ^		NT
Tangerines	180	0			0.050 ^		NT
Tomato Paste	189	0			0.001 - 0.050		NT
TOTAL	**5,026**	**0**					
Acibenzolar S methyl (fungicide)							
Asparagus	211	0			0.020 ^		NT
Bananas	708	0			0.025 ^		0.1
Basil	343	0			0.012 ^		NT
Cabbage	300	0			0.010 ^		1.0
Cantaloupe	148	0			0.020 ^		2.0

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Cauliflower	176	0			0.004 ^		1.0
Cilantro	176	0			0.012 ^		NT
Garbanzo Beans, Dried	666	0			0.004 - 0.012		NT
Hot Peppers	651	0			0.025 ^		1.0
Kiwi Fruit	704	0			0.080 ^		NT
Mustard Greens	595	0			0.004 - 0.040		1.0
Radishes	712	0			0.010 ^		NT
Spinach, Canned	171	0			0.030 ^		1.0
Spinach, Frozen	87	0			0.030 ^		1.0
Strawberries, Frozen	377	0			0.020 ^		0.15
Sweet Bell Peppers	354	0			0.010 ^		1.0
Sweet Peas, Canned	379	0			0.030 ^		NT
Sweet Peas, Frozen	126	0			0.030 ^		NT
Tangerines	180	0			0.030 ^		0.02
Tomato Paste	115	0			0.030 ^		3.0
TOTAL	**7,179**	**0**					
Aclonifen (herbicide)							
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**571**	**0**					
Afidopyropen (insecticide)							
Cauliflower	176	0			0.001 ^		0.50
Tangerines	180	0			0.010 ^		0.15
Tomato Paste	115	0			0.010 ^		0.20
TOTAL	**471**	**0**					
Alachlor (herbicide)							
Basil	343	0			0.002 ^		NT
Cauliflower	176	0			0.002 ^		NT
Cilantro	176	0			0.002 ^		NT
Garbanzo Beans, Dried	686	0			0.002 ^		0.1
Kiwi Fruit	704	0			0.010 - 0.020		NT
Mustard Greens	595	0			0.002 - 0.010		NT
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	375	0			0.003 - 0.020		NT
Spinach, Frozen	189	0			0.003 - 0.020		NT
Sweet Peas, Canned	379	0			0.020 ^		NT
Sweet Peas, Frozen	126	0			0.020 ^		NT
Tangerines	180	0			0.020 ^		NT
Tomato Paste	189	0			0.001 - 0.020		NT
TOTAL	**4,309**	**0**					
Aldicarb (insecticide)							
Basil	343	0			0.003 ^		NT
Cabbage	300	0			0.010 ^		NT
Cantaloupe	326	0			0.030 ^		NT
Cauliflower	176	0			0.001 ^		NT
Cilantro	176	0			0.003 ^		NT
Collard Greens	159	0			0.030 ^		NT
Garbanzo Beans, Dried	686	0			0.001 - 0.003		0.1
Kiwi Fruit	704	0			0.020 ^		NT
Mustard Greens	595	0			0.001 - 0.020		NT
Orange Juice	191	0			0.005 ^		0.3

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Radishes	712	0			0.010 ^		NT
Spinach, Canned	375	0			0.002 - 0.005		NT
Spinach, Frozen	189	0			0.002 - 0.005		NT
Strawberries, Frozen	156	0			0.030 ^		NT
Sweet Bell Peppers	354	0			0.010 ^		NT
Sweet Peas, Canned	379	0			0.002 ^		NT
Sweet Peas, Frozen	126	0			0.002 ^		NT
Tangerines	180	0			0.002 ^		NT
Tomato Paste	189	0			0.002 - 0.005		NT
TOTAL	**6,316**	**0**					
Aldicarb sulfone (metabolite of Aldicarb)							
Asparagus	298	0			0.005 ^		NT
Basil	343	0			0.003 ^		NT
Cabbage	300	0			0.010 ^		NT
Cantaloupe	354	0			0.005 ^		NT
Cauliflower	176	0			0.003 ^		NT
Cilantro	176	0			0.003 ^		NT
Collard Greens	187	0			0.005 ^		NT
Garbanzo Beans, Dried	686	0			0.003 ^		0.1
Kiwi Fruit	704	0			0.025 ^		NT
Mustard Greens	595	0			0.003 - 0.025		NT
Orange Juice	191	0			0.003 ^		0.3
Radishes	712	0			0.010 ^		NT
Spinach, Canned	375	0			0.003 - 0.010		NT
Spinach, Frozen	189	0			0.003 - 0.010		NT
Strawberries, Frozen	564	0			0.005 ^		NT
Sweet Bell Peppers	354	0			0.010 ^		NT
Sweet Peas, Canned	379	0			0.010 ^		NT
Sweet Peas, Frozen	126	0			0.010 ^		NT
Tangerines	180	0			0.020 ^		NT
Tomato Paste	189	0			0.003 - 0.020		NT
TOTAL	**7,078**	**0**					
Aldicarb sulfoxide (metabolite of Aldicarb)							
Asparagus	298	0			0.005 ^		NT
Basil	343	0			0.006 ^		NT
Cabbage	300	0			0.010 ^		NT
Cantaloupe	354	0			0.005 ^		NT
Cilantro	176	0			0.006 ^		NT
Collard Greens	187	0			0.005 ^		NT
Garbanzo Beans, Dried	686	0			0.006 ^		0.1
Kiwi Fruit	704	0			0.055 ^		NT
Mustard Greens	595	0			0.002 - 0.055		NT
Orange Juice	191	0			0.003 ^		0.3
Radishes	712	0			0.010 ^		NT
Spinach, Canned	204	0			0.003 ^		NT
Spinach, Frozen	102	0			0.003 ^		NT
Strawberries, Frozen	564	0			0.005 ^		NT
Sweet Bell Peppers	354	0			0.010 ^		NT
Tomato Paste	74	0			0.003 ^		NT
TOTAL	**5,844**	**0**					
Allethrin (insecticide)							
Cabbage	300	0			0.020 ^		NT
Kiwi Fruit	704	0			0.080 ^		NT
Mustard Greens	275	0			0.080 ^		NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Radishes	712	0			0.010 ^		NT
Sweet Bell Peppers	354	0			0.010 ^		NT
TOTAL	**2,345**	**0**					
Allidochlor (herbicide)							
Orange Juice	191	0			0.005 ^		NT
Tomato Paste	74	0			0.005 ^		NT
TOTAL	**265**	**0**					
Ametoctradin (fungicide)							
Basil	343	101	29.4	0.002 - 11	0.001 ^	V-101	NT
Cauliflower	176	2	1.1	0.002 ^	0.001 ^		9.0
Cilantro	176	18	10.2	0.002 - 0.26	0.001 ^	V-18	NT
Garbanzo Beans, Dried	686	3	0.4	0.005 - 0.007	0.001 - 0.003	V-3	NT
Hot Peppers	651	10	1.5	0.002 - 0.022	0.001 ^		1.5
Kiwi Fruit	704	0			0.010 ^		NT
Mustard Greens	595	43	7.2	0.002 - 10	0.001 - 0.010		50
Orange Juice	191	0			0.001 ^		NT
Radishes	712	0			0.010 ^		NT
Spinach, Canned	375	0			0.001 ^		50.0
Spinach, Frozen	189	50	26.5	0.001 - 3.5	0.001 ^		50.0
Sweet Bell Peppers	354	0			0.010 ^		1.5
Sweet Peas, Canned	379	0			0.001 ^		NT
Sweet Peas, Frozen	126	0			0.001 ^		NT
Tangerines	180	0			0.001 ^		NT
Tomato Paste	189	0			0.001 ^		1.5
TOTAL	**6,026**	**227**					
Ametryn (herbicide)							
Bananas	708	0			0.001 ^		0.25
Cabbage	300	0			0.010 ^		NT
Kiwi Fruit	704	0			0.005 ^		NT
Mustard Greens	275	0			0.005 ^		NT
Orange Juice	191	0			0.001 ^		NT
Radishes	712	0			0.010 ^		NT
Spinach, Canned	375	0			0.001 - 0.005		NT
Spinach, Frozen	189	0			0.001 - 0.005		NT
Sweet Bell Peppers	354	0			0.010 ^		NT
Sweet Peas, Canned	379	0			0.005 ^		NT
Sweet Peas, Frozen	126	0			0.005 ^		NT
Tangerines	180	0			0.005 ^		NT
Tomato Paste	189	0			0.001 - 0.005		NT
TOTAL	**4,682**	**0**					
Amicarbazone (herbicide)							
Orange Juice	191	0			0.005 ^		NT
Spinach, Canned	204	0			0.005 ^		NT
Spinach, Frozen	102	0			0.005 ^		NT
Tomato Paste	74	0			0.005 ^		NT
TOTAL	**571**	**0**					
Aminocarb (insecticide)							
Orange Juice	191	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**265**	**0**					

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Anilofos (herbicide)							
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**571**	**0**					
Aspon (insecticide)							
Cabbage	300	0			0.005 ^		NT
Radishes	712	0			0.005 ^		NT
Sweet Bell Peppers	354	0			0.005 ^		NT
TOTAL	**1,366**	**0**					
Asulam (herbicide)							
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	1	1	0.006 ^	0.001 ^	V-1	NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**571**	**1**					
Atraton (herbicide)							
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**571**	**0**					
Atrazine (herbicide)							
Asparagus	298	0			0.002 ^		NT
Basil	343	12	3.5	0.004 - 0.016	0.003 ^	V-12	NT
Cabbage	300	0			0.005 ^		NT
Cantaloupe	354	0			0.002 ^		NT
Cauliflower	176	0			0.001 ^		NT
Cilantro	176	6	3.4	0.004 - 0.026	0.003 ^	V-6	NT
Collard Greens	187	1	0.5	0.002 ^	0.002 ^	V-1	NT
Garbanzo Beans, Dried	686	0			0.001 - 0.003		NT
Kiwi Fruit	704	0			0.001 ^		NT
Mustard Greens	595	30	5	0.001 - 0.006	0.001 ^	V-30	NT
Orange Juice	191	0			0.001 ^		NT
Radishes	712	0			0.005 ^		NT
Spinach, Canned	375	0			0.001 - 0.010		0.25
Spinach, Frozen	189	4	2.1	0.002 - 0.005	0.001 - 0.010		0.25
Strawberries, Frozen	564	0			0.002 ^		NT
Sweet Bell Peppers	354	0			0.005 ^		NT
Sweet Peas, Canned	379	0			0.010 ^		NT
Sweet Peas, Frozen	126	0			0.010 ^		NT
Tangerines	180	0			0.010 ^		NT
Tomato Paste	189	0			0.001 - 0.010		NT
TOTAL	**7,078**	**53**					
Azaconazole (fungicide)							
Orange Juice	191	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**265**	**0**					

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Azamethiphos (insecticide)							
Orange Juice	191	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**265**	**0**					
Azimsulfuron (herbicide)							
Orange Juice	191	0			0.001 ^		NT
TOTAL	**191**	**0**					
Azinphos (insecticide)							
Orange Juice	191	0			0.005 ^		NT
Spinach, Canned	204	0			0.005 ^		NT
Spinach, Frozen	102	0			0.005 ^		NT
Tomato Paste	74	0			0.005 ^		NT
TOTAL	**571**	**0**					
Azinphos methyl (insecticide)							
Asparagus	298	0			0.010 ^		NT
Bananas	708	0			0.010 ^		NT
Basil	343	0			0.006 ^		NT
Cabbage	256	0			0.020 ^		NT
Cantaloupe	354	0			0.010 ^		NT
Cauliflower	176	0			0.006 ^		NT
Cilantro	176	0			0.006 ^		NT
Collard Greens	187	0			0.010 ^		NT
Garbanzo Beans, Dried	686	0			0.006 - 0.020		NT
Hot Peppers	651	0			0.010 ^		NT
Kiwi Fruit	704	0			0.005 ^		NT
Mustard Greens	595	0			0.005 - 0.020		NT
Orange Juice	191	0			0.005 ^		NT
Radishes	633	0			0.020 ^		NT
Spinach, Canned	375	0			0.005 - 0.010		NT
Spinach, Frozen	189	0			0.005 - 0.010		NT
Strawberries, Frozen	564	0			0.010 ^		NT
Sweet Bell Peppers	354	0			0.020 ^		NT
Sweet Peas, Canned	379	0			0.010 ^		NT
Sweet Peas, Frozen	126	0			0.010 ^		NT
Tangerines	180	0			0.050 ^		NT
Tomato Paste	189	0			0.005 - 0.050		NT
TOTAL	**8,314**	**0**					
Azinphos methyl oxygen analog (metabolite of Azinphos methyl)							
Asparagus	298	0			0.010 ^		NT
Bananas	708	0			0.005 ^		NT
Cantaloupe	354	0			0.010 ^		NT
Collard Greens	187	0			0.010 ^		NT
Hot Peppers	651	0			0.005 ^		NT
Kiwi Fruit	704	0			0.010 ^		NT
Mustard Greens	275	0			0.010 ^		NT
Orange Juice	191	0			0.003 ^		NT
Radishes	712	0			0.010 ^		NT
Spinach, Canned	204	0			0.003 ^		NT
Spinach, Frozen	102	0			0.003 ^		NT
Strawberries, Frozen	564	0			0.010 ^		NT
Sweet Bell Peppers	354	0			0.010 ^		NT
Tomato Paste	74	0			0.003 ^		NT
TOTAL	**5,378**	**0**					

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Azoxystrobin (fungicide)							
Asparagus	298	1	0.3	0.003 ^	0.002 ^		0.04
Bananas	708	281	39.7	0.003 - 0.041	0.002 ^		0.1
Basil	343	149	43.4	0.002 - 11	0.001 ^		50
Cabbage	300	11	3.7	0.002 - 0.045	0.002 ^		3.0
Cantaloupe	354	1	0.3	0.002 ^	0.002 ^		0.3
Cauliflower	176	1	0.6	0.002 ^	0.001 ^		3.0
Cilantro	176	47	26.7	0.002 - 8.5	0.001 ^		30.0
Collard Greens	187	39	20.9	0.002 - 3.8	0.002 ^		25
Garbanzo Beans, Dried	686	13	1.9	0.002 - 0.005	0.001 ^		0.5
Hot Peppers	651	131	20.1	0.003 - 0.19	0.002 ^		3.0
Kiwi Fruit	704	0			0.010 ^		NT
Mustard Greens	595	93	15.6	0.002 - 8.3	0.001 - 0.010		25
Orange Juice	191	4	2.1	0.002 - 0.006	0.001 - 0.003		15.0
Radishes	712	71	10	0.002 - 0.13	0.002 ^		1.0
Spinach, Canned	375	106	28.3	0.001 - 8.0	0.001 ^		30.0
Spinach, Frozen	189	35	18.5	0.002 - 3.4	0.001 ^		30.0
Strawberries, Frozen	564	189	33.5	0.002 - 0.098	0.002 ^		10.0
Sweet Bell Peppers	354	82	23.2	0.002 - 0.15	0.002 ^		3.0
Sweet Peas, Canned	379	43	11.3	0.001 - 0.039	0.001 ^		0.5
Sweet Peas, Frozen	126	6	4.8	0.001 - 0.005	0.001 ^		0.5
Tangerines	180	15	8.3	0.004 - 0.087	0.002 ^		15.0
Tomato Paste	189	119	63	0.001 - 0.022	0.001 - 0.002		0.6
TOTAL	**8,437**	**1,437**					
Beflubutamid (herbicide)							
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**571**	**0**					
Benalaxyl (fungicide)							
Orange Juice	191	0			0.003 ^		NT
Spinach, Canned	204	0			0.005 ^		NT
Spinach, Frozen	102	0			0.005 ^		NT
Tomato Paste	74	0			0.003 ^		0.20
TOTAL	**571**	**0**					
Bendiocarb (insecticide)							
Asparagus	298	0			0.003 ^		NT
Bananas	708	0			0.005 ^		NT
Cabbage	300	0			0.005 ^		NT
Cantaloupe	354	0			0.003 ^		NT
Cauliflower	176	0			0.001 ^		NT
Collard Greens	187	0			0.003 ^		NT
Garbanzo Beans, Dried	685	0			0.003 ^		NT
Hot Peppers	651	0			0.005 ^		NT
Kiwi Fruit	704	0			0.010 ^		NT
Mustard Greens	595	0			0.003 - 0.010		NT
Orange Juice	191	0			0.001 ^		NT
Radishes	712	0			0.005 ^		NT
Spinach, Canned	375	0			0.001 - 0.002		NT
Spinach, Frozen	189	0			0.001 - 0.002		NT
Strawberries, Frozen	564	0			0.003 ^		NT
Sweet Bell Peppers	354	0			0.005 ^		NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Sweet Peas, Canned	379	0			0.002 ^		NT
Sweet Peas, Frozen	126	0			0.002 ^		NT
Tangerines	180	0			0.005 ^		NT
Tomato Paste	189	0			0.001 - 0.005		NT
TOTAL	**7,917**	**0**					
Benfluralin (herbicide)							
Asparagus	298	0			0.010 ^		NT
Cantaloupe	354	0			0.010 ^		NT
Collard Greens	187	0			0.010 ^		NT
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Strawberries, Frozen	564	0			0.010 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**1,974**	**0**					
Benoxacor (herbicide safener)							
Asparagus	298	0			0.010 ^		0.01
Basil	343	0			0.001 ^		NT
Cabbage	300	0			0.005 ^		0.01
Cantaloupe	354	0			0.010 ^		0.01
Cauliflower	176	0			0.001 ^		0.01
Cilantro	176	0			0.001 ^		0.01
Collard Greens	187	0			0.010 ^		0.01
Garbanzo Beans, Dried	686	0			0.001 ^		0.01
Hot Peppers	651	0			0.020 ^		0.01
Kiwi Fruit	704	0			0.015 ^		NT
Mustard Greens	595	0			0.001 - 0.015		0.01
Orange Juice	191	0			0.003 ^		NT
Radishes	712	0			0.005 ^		0.01
Spinach, Canned	375	0			0.003 - 0.020		0.01
Spinach, Frozen	189	0			0.003 - 0.020		0.01
Strawberries, Frozen	564	0			0.010 ^		0.01
Sweet Bell Peppers	354	0			0.005 ^		0.01
Sweet Peas, Canned	379	0			0.020 ^		0.01
Sweet Peas, Frozen	126	0			0.020 ^		0.01
Tangerines	180	0			0.020 ^		NT
Tomato Paste	189	0			0.003 - 0.020		0.01
TOTAL	**7,729**	**0**					
Bensulfuron methyl (herbicide)							
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**571**	**0**					
Bensulide (herbicide)							
Asparagus	298	0			0.004 ^		NT
Cantaloupe	266	0			0.004 ^		0.15
Collard Greens	187	0			0.004 ^		0.15
Hot Peppers	651	0			0.005 ^		0.10
Kiwi Fruit	704	0			0.005 ^		NT
Mustard Greens	275	0			0.005 ^		0.15
Orange Juice	191	0			0.001 ^		NT
Radishes	712	0			0.010 ^		NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Spinach, Canned	375	0			0.001 - 0.010		0.15
Spinach, Frozen	189	4	2.1	0.001 - 0.004	0.001 - 0.010		0.15
Strawberries, Frozen	564	0			0.004 ^		NT
Sweet Bell Peppers	354	0			0.010 ^		0.10
Sweet Peas, Canned	379	0			0.010 ^		NT
Sweet Peas, Frozen	126	0			0.010 ^		NT
Tangerines	180	0			0.050 ^		NT
Tomato Paste	189	0			0.001 - 0.050		0.10
TOTAL	**5,640**	**4**					
Bensulide oxygen analog (metabolite of Bensulide)							
Asparagus	298	0			0.002 ^		NT
Cantaloupe	354	0			0.002 ^		0.15
Collard Greens	187	0			0.002 ^		0.15
Hot Peppers	651	0			0.002 ^		0.10
Kiwi Fruit	704	0			0.010 ^		NT
Mustard Greens	275	0			0.010 ^		0.15
Spinach, Canned	171	0			0.002 ^		0.15
Spinach, Frozen	87	0			0.002 ^		0.15
Strawberries, Frozen	564	0			0.002 ^		NT
Sweet Peas, Canned	379	0			0.002 ^		NT
Sweet Peas, Frozen	126	0			0.002 ^		NT
Tangerines	180	0			0.002 ^		NT
Tomato Paste	115	0			0.002 ^		0.10
TOTAL	**4,091**	**0**					
Bentazon (herbicide)							
Hot Peppers	651	0			0.003 ^		0.05
Kiwi Fruit	704	0			0.030 ^		NT
Mustard Greens	275	0			0.030 ^		NT
Spinach, Canned	171	0			0.050 ^		NT
Spinach, Frozen	87	0			0.050 ^		NT
Sweet Peas, Canned	379	0			0.050 ^		3.0
Sweet Peas, Frozen	126	0			0.050 ^		3.0
Tangerines	180	0			0.10 ^		NT
Tomato Paste	115	0			0.10 ^		NT
TOTAL	**2,688**	**0**					
Benthiavalicarb isopropyl (fungicide)							
Kiwi Fruit	704	0			0.010 ^		NT
Mustard Greens	275	0			0.010 ^		NT
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	170	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		0.45
TOTAL	**1,516**	**0**					
Benzobicyclon (herbicide)							
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**571**	**0**					
Benzovindiflupyr (fungicide)							
Hot Peppers	651	5	0.8	0.010 ^	0.006 ^		1.5
Orange Juice	191	0			0.001 ^		NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Tangerines	180	0			0.005 ^		NT
Tomato Paste	189	0			0.001 - 0.005		1.5
TOTAL	**1,517**	**5**					
Bifenazate (acaricide)							
Cabbage	300	0			0.010 ^		NT
Hot Peppers	651	2	0.3	0.019 - 0.024	0.003 ^		4.0
Kiwi Fruit	704	0			0.005 ^		NT
Mustard Greens	275	0			0.005 ^		NT
Orange Juice	191	0			0.003 ^		NT
Radishes	712	0			0.010 ^		NT
Sweet Bell Peppers	354	2	0.6	0.021 - 0.022	0.010 ^		4.0
Tomato Paste	74	0			0.003 ^		4.0
TOTAL	**3,261**	**4**					
Bifenox (herbicide)							
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**571**	**0**					
Bifenthrin (insecticide)							
Asparagus	298	0			0.002 ^		0.05
Bananas	708	0			0.002 ^		0.1
Basil	343	92	26.8	0.002 - 3.2	0.001 ^	X-29	0.05
Cabbage	300	8	2.7	0.005 - 0.039	0.005 ^		4.0
Cantaloupe	354	14	4	0.002 - 0.005	0.002 ^		0.4
Cauliflower	176	0			0.001 ^		0.6
Cilantro	176	24	13.6	0.002 - 0.74	0.001 ^		6.0
Collard Greens	187	48	25.7	0.002 - 1.7	0.002 ^		3.5
Garbanzo Beans, Dried	686	4	0.6	0.002 - 0.006	0.001 ^		0.15
Hot Peppers	651	96	14.7	0.003 - 0.32	0.002 ^		0.5
Kiwi Fruit	704	0			0.010 ^		0.05
Mustard Greens	595	111	18.7	0.002 - 3.3	0.001 - 0.010		3.5
Orange Juice	191	0			0.001 ^		0.05
Radishes	712	7	1	0.014 - 0.096	0.005 ^		0.10
Spinach, Canned	375	50	13.3	0.001 - 0.081	0.001 - 0.005		0.2
Spinach, Frozen	189	4	2.1	0.001 - 0.016	0.001 - 0.005		0.2
Strawberries, Frozen	564	237	42	0.002 - 0.085	0.002 ^		3.0
Sweet Bell Peppers	354	30	8.5	0.006 - 0.075	0.005 ^		0.5
Sweet Peas, Canned	379	12	3.2	0.006 - 0.028	0.005 ^		0.05
Sweet Peas, Frozen	126	0			0.005 ^		0.05
Tangerines	180	0			0.005 ^		0.05
Tomato Paste	189	61	32.3	0.002 - 0.034	0.001 - 0.005		0.15
TOTAL	**8,437**	**798**					
Bioallethrin (insecticide)							
Orange Juice	191	0			0.010 ^		NT
Spinach, Canned	204	0			0.010 ^		NT
Spinach, Frozen	102	0			0.010 ^		NT
Tomato Paste	74	0			0.010 ^		NT
TOTAL	**571**	**0**					

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Biphenyl (fungicide)							
Kiwi Fruit	704	0			0.075 ^		NT
Mustard Greens	275	0			0.075 ^		NT
TOTAL	**979**	**0**					
Bitertanol (fungicide)							
Bananas	708	0			0.001 ^		0.5
Cabbage	300	0			0.010 ^		NT
Orange Juice	191	0			0.010 ^		NT
Radishes	712	0			0.010 ^		NT
Spinach, Canned	204	0			0.010 ^		NT
Spinach, Frozen	102	0			0.010 ^		NT
Sweet Bell Peppers	354	0			0.010 ^		NT
Tomato Paste	74	0			0.010 ^		NT
TOTAL	**2,645**	**0**					
Boscalid (fungicide)							
Asparagus	298	0			0.003 ^		NT
Bananas	708	1	0.1	0.008 ^	0.005 ^		0.40
Basil	343	62	18.1	0.002 - 8.6	0.001 ^		150
Cabbage	300	1	0.3	0.046 ^	0.010 ^		6.0
Cantaloupe	354	0			0.003 ^		3.0
Cauliflower	176	2	1.1	0.004 - 0.012	0.001 ^		6.0
Cilantro	176	48	27.3	0.002 - 1.2	0.001 ^		150
Collard Greens	187	52	27.8	0.003 - 2.2	0.003 ^		60
Garbanzo Beans, Dried	686	5	0.7	0.002 - 0.006	0.001 ^		2.5
Hot Peppers	651	37	5.7	0.008 - 0.16	0.005 ^		3.0
Kiwi Fruit	704	3	0.4	0.045 - 0.27	0.015 ^	V-3	NT
Mustard Greens	595	137	23	0.002 - 0.49	0.001 - 0.015		60
Orange Juice	191	0			0.003 ^		2.0
Radishes	712	2	0.3	0.010 - 0.081	0.010 ^		2.0
Spinach, Canned	375	0			0.003 - 0.005		70
Spinach, Frozen	189	22	11.6	0.003 - 0.031	0.003 - 0.005		70
Strawberries, Frozen	564	193	34.2	0.003 - 0.30	0.003 ^		4.5
Sweet Bell Peppers	354	22	6.2	0.010 - 0.54	0.010 ^		3.0
Sweet Peas, Canned	379	0			0.005 ^		0.60
Sweet Peas, Frozen	126	0			0.005 ^		0.60
Tangerines	180	0			0.005 ^		2.0
Tomato Paste	189	1	0.5	0.030 ^	0.003 - 0.005		3.0
TOTAL	**8,437**	**588**					
Bromacil (herbicide)							
Asparagus	298	0			0.003 ^		NT
Cantaloupe	354	0			0.003 ^		NT
Collard Greens	187	0			0.003 ^		NT
Kiwi Fruit	704	0			0.020 ^		NT
Mustard Greens	275	0			0.020 ^		NT
Orange Juice	191	0			0.003 ^		0.1
Spinach, Canned	341	0			0.003 - 0.010		NT
Spinach, Frozen	189	0			0.003 - 0.010		NT
Strawberries, Frozen	564	0			0.003 ^		NT
Sweet Peas, Canned	379	0			0.010 ^		NT
Sweet Peas, Frozen	126	0			0.010 ^		NT
Tangerines	180	0			0.010 ^		0.1
Tomato Paste	189	0			0.003 - 0.010		NT
TOTAL	**3,977**	**0**					

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Bromobutide (herbicide)							
Orange Juice	191	0			0.005 ^		NT
Tomato Paste	74	0			0.005 ^		NT
TOTAL	**265**	**0**					
Bromophos ethyl (insecticide)							
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**571**	**0**					
Bromopropylate (acaricide)							
Cabbage	300	0			0.005 ^		NT
Orange Juice	191	0			0.001 ^		NT
Radishes	712	0			0.005 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Sweet Bell Peppers	354	0			0.005 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**1,937**	**0**					
Bromuconazole (fungicide)							
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**571**	**0**					
Bupirimate (fungicide)							
Cabbage	300	0			0.005 ^		NT
Kiwi Fruit	704	0			0.005 ^		NT
Mustard Greens	275	0			0.005 ^		NT
Orange Juice	191	0			0.001 ^		NT
Radishes	712	0			0.005 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Sweet Bell Peppers	354	0			0.005 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**2,916**	**0**					
Buprofezin (insecticide)							
Asparagus	268	0			0.001 ^		NT
Bananas	708	114	16.1	0.002 - 0.14	0.001 ^		0.20
Basil	343	6	1.7	0.004 - 0.19	0.003 ^	V-6	NT
Cabbage	300	0			0.010 ^		12.0
Cantaloupe	354	1	0.3	0.002 ^	0.001 ^		0.50
Cauliflower	176	1	0.6	0.006 ^	0.001 ^		12
Cilantro	176	1	0.6	0.004 ^	0.003 ^	V-1	NT
Collard Greens	187	0			0.001 ^		60
Garbanzo Beans, Dried	686	0			0.001 - 0.003		NT
Hot Peppers	651	4	0.6	0.002 - 0.027	0.001 ^		2.0
Kiwi Fruit	704	6	0.9	0.001 - 0.002	0.001 ^	V-6	NT
Mustard Greens	595	4	0.7	0.002 - 0.040	0.001 - 0.005		60
Orange Juice	191	0			0.001 ^		4
Radishes	712	0			0.010 ^		NT
Spinach, Canned	375	0			0.001 ^		35

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Spinach, Frozen	189	0			0.001 ^		35
Strawberries, Frozen	564	10	1.8	0.001 - 0.043	0.001 ^		2.5
Sweet Bell Peppers	354	6	1.7	0.012 - 0.065	0.010 ^		2.0
Sweet Peas, Canned	379	0			0.001 ^		NT
Sweet Peas, Frozen	126	0			0.001 ^		NT
Tangerines	180	2	1.1	0.002 ^	0.001 ^		4
Tomato Paste	189	0			0.001 ^		2.0
TOTAL	**8,407**	**155**					
Butachlor (herbicide)							
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**571**	**0**					
Butocarboxim (insecticide, acaricide)							
Kiwi Fruit	704	0			0.010 ^		NT
Mustard Greens	275	0			0.010 ^		NT
Radishes	712	0			0.010 ^		NT
Sweet Bell Peppers	354	0			0.010 ^		NT
TOTAL	**2,045**	**0**					
Butocarboxim sulfone (metabolite of Butocarboxim)							
Kiwi Fruit	704	0			0.015 ^		NT
Mustard Greens	275	0			0.015 ^		NT
TOTAL	**979**	**0**					
Butocarboxim sulfoxide (metabolite of Butocarboxim)							
Kiwi Fruit	704	0			0.010 ^		NT
Mustard Greens	275	0			0.010 ^		NT
TOTAL	**979**	**0**					
Butralin (herbicide)							
Orange Juice	191	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**265**	**0**					
Butylate (herbicide)							
Kiwi Fruit	704	0			0.020 ^		NT
Mustard Greens	275	0			0.020 ^		NT
Orange Juice	191	0			0.003 ^		NT
Spinach, Canned	204	0			0.005 ^		NT
Spinach, Frozen	102	0			0.005 ^		NT
Tomato Paste	74	0			0.003 ^		NT
TOTAL	**1,550**	**0**					
Cadusafos (insecticide)							
Bananas	708	0			0.001 ^		0.01
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**1,279**	**0**					
Captan (fungicide) (parent of THPI)							
Cantaloupe	88	0			0.025 ^		0.05
Hot Peppers	651	0			0.10 ^		0.05

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Strawberries, Frozen	440	127	28.9	0.025 - 5.6	0.025 ^		20.0
Sweet Bell Peppers	294	0			0.020 - 0.040		0.05
TOTAL	**1,473**	**127**					
Carbaryl (insecticide)							
Asparagus	298	2	0.7	0.006 - 0.081	0.003 ^		15
Bananas	708	0			0.005 ^		5.0
Basil	323	3	0.9	0.007 - 0.077	0.003 ^	V-3	NT
Cabbage	300	0			0.010 ^		21
Cantaloupe	354	0			0.003 ^		3.0
Cauliflower	176	0			0.001 ^		10
Cilantro	176	0			0.003 ^		NT
Collard Greens	187	0			0.003 ^		10
Garbanzo Beans, Dried	686	0			0.003 ^		1.0
Hot Peppers	651	36	5.5	0.008 - 1.1	0.005 ^		5.0
Kiwi Fruit	704	0			0.005 ^		NT
Mustard Greens	595	1	0.2	0.087 ^	0.003 - 0.005		10
Orange Juice	191	1	0.5	0.005 ^	0.003 ^		10
Radishes	712	1	0.1	0.012 ^	0.010 ^		2.0
Spinach, Canned	375	0			0.002 - 0.003		22
Spinach, Frozen	189	0			0.002 - 0.003		22
Strawberries, Frozen	564	11	2	0.003 - 0.088	0.003 ^		4.0
Sweet Bell Peppers	354	3	0.8	0.044 - 0.34	0.010 ^		5.0
Sweet Peas, Canned	379	0			0.002 ^		NT
Sweet Peas, Frozen	126	0			0.002 ^		NT
Tangerines	180	3	1.7	0.014 - 0.17	0.005 ^		10
Tomato Paste	189	0			0.003 - 0.005		5.0
TOTAL	**8,417**	**61**					
Carbendazim - MBC (fungicide) (metabolite of Benomyl and Thiophanate Methyl)							
Asparagus	298	0			0.001 ^		NT
Bananas	708	2	0.3	0.013 - 0.082	0.008 ^		2.0
Basil	343	11	3.2	0.002 - 0.62	0.001 ^	V-11	NT
Cabbage	300	0			0.010 ^		NT
Cantaloupe	354	2	0.6	0.006 - 0.010	0.001 ^		1.0
Cauliflower	176	0			0.001 ^		NT
Cilantro	176	5	2.8	0.002 - 0.18	0.001 ^	V-5	NT
Collard Greens	187	0			0.001 ^		NT
Garbanzo Beans, Dried	686	43	6.3	0.002 - 0.008	0.001 ^		0.2
Hot Peppers	651	11	1.7	0.013 - 0.068	0.008 ^	V-11	NT
Kiwi Fruit	704	1	0.1	0.012 ^	0.010 ^	V-1	NT
Mustard Greens	595	0			0.001 - 0.010		NT
Orange Juice	191	0			0.001 ^		NT
Radishes	712	0			0.010 ^		NT
Spinach, Canned	375	0			0.001 - 0.010		NT
Spinach, Frozen	189	0			0.001 - 0.010		NT
Strawberries, Frozen	564	289	51.2	0.001 - 0.21	0.001 ^		7.0
Sweet Bell Peppers	354	0			0.010 ^		NT
Sweet Peas, Canned	379	0			0.010 ^		NT
Sweet Peas, Frozen	126	0			0.010 ^		NT
Tangerines	180	0			0.050 ^		NT
Tomato Paste	189	1	0.5	0.002 ^	0.001 - 0.050	V-1	NT
TOTAL	**8,437**	**365**					
Carbofuran (insecticide) (parent of 3-Hydroxycarbofuran)							
Asparagus	298	0			0.002 ^		NT
Bananas	708	0			0.003 ^		0.1

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Basil	343	7	2	0.006 - 0.026	0.003 ^	V-7	NT
Cabbage	300	0			0.010 ^		NT
Cantaloupe	354	0			0.002 ^		NT
Cauliflower	176	0			0.003 ^		NT
Cilantro	176	1	0.6	0.004 ^	0.003 ^	V-1	NT
Collard Greens	187	0			0.002 ^		NT
Garbanzo Beans, Dried	686	0			0.001 - 0.003		NT
Hot Peppers	651	4	0.6	0.005 - 0.077	0.003 ^	V-4	NT
Kiwi Fruit	704	0			0.010 ^		NT
Mustard Greens	595	0			0.001 - 0.010		NT
Orange Juice	191	0			0.001 ^		NT
Radishes	712	0			0.010 ^		NT
Spinach, Canned	375	0			0.001 - 0.002		NT
Spinach, Frozen	189	0			0.001 - 0.002		NT
Strawberries, Frozen	564	1	0.2	0.003 ^	0.002 ^	V-1	NT
Sweet Bell Peppers	354	0			0.010 ^		NT
Sweet Peas, Canned	379	0			0.002 ^		NT
Sweet Peas, Frozen	126	0			0.002 ^		NT
Tangerines	180	0			0.005 ^		NT
Tomato Paste	189	0			0.001 - 0.005		NT
TOTAL	**8,437**	**13**					
Carbophenothion (insecticide)							
Basil	204	0			0.003 ^		NT
Cilantro	59	0			0.003 ^		NT
Orange Juice	191	0			0.003 ^		NT
Spinach, Canned	204	0			0.005 ^		NT
Spinach, Frozen	102	0			0.005 ^		NT
Tomato Paste	74	0			0.003 ^		NT
TOTAL	**834**	**0**					
Carboxin (fungicide)							
Cabbage	300	0			0.005 ^		NT
Kiwi Fruit	704	0			0.005 ^		NT
Mustard Greens	244	0			0.005 ^		NT
Orange Juice	191	0			0.003 ^		NT
Radishes	693	0			0.005 ^		NT
Spinach, Canned	346	0			0.003 - 0.025		NT
Spinach, Frozen	189	0			0.003 - 0.025		NT
Sweet Bell Peppers	354	0			0.005 ^		NT
Sweet Peas, Canned	379	0			0.025 ^		NT
Sweet Peas, Frozen	126	0			0.025 ^		NT
Tangerines	180	0			0.025 ^		NT
Tomato Paste	189	0			0.003 - 0.025		NT
TOTAL	**3,895**	**0**					
Carfentrazone (herbicide)							
Asparagus	298	0			0.005 ^		0.10
Bananas	708	0			0.004 ^		0.10
Basil	343	0			0.005 ^		2.0
Cabbage	300	0			0.005 ^		0.10
Cantaloupe	354	0			0.005 ^		0.10
Cauliflower	176	0			0.005 ^		0.10
Cilantro	176	0			0.005 ^		2.0
Collard Greens	187	0			0.005 ^		0.10
Garbanzo Beans, Dried	686	0			0.005 ^		0.10
Hot Peppers	651	0			0.004 ^		0.10

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Kiwi Fruit	704	0			0.020 ^		0.10
Mustard Greens	595	0			0.005 - 0.020		0.10
Orange Juice	191	0			0.003 ^		0.10
Radishes	712	0			0.005 ^		0.10
Spinach, Canned	375	0			0.003 - 0.005		0.10
Spinach, Frozen	189	0			0.003 - 0.005		0.10
Strawberries, Frozen	564	0			0.005 ^		0.10
Sweet Bell Peppers	354	0			0.005 ^		0.10
Sweet Peas, Canned	379	0			0.005 ^		0.10
Sweet Peas, Frozen	126	0			0.005 ^		0.10
Tangerines	180	0			0.005 ^		0.10
Tomato Paste	189	0			0.003 - 0.005		0.10
TOTAL	**8,437**	**0**					
Carpropamid (fungicide)							
Orange Juice	191	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**265**	**0**					
Chlorantraniliprole (insecticide)							
Asparagus	298	0			0.010 ^		13
Bananas	708	0			0.007 ^		4.0
Basil	343	116	33.8	0.003 - 9.2	0.002 - 0.005		25
Cabbage	300	1	0.3	0.091 ^	0.020 ^		4.0
Cantaloupe	354	0			0.010 ^		0.5
Cauliflower	176	1	0.6	0.010 ^	0.002 ^		4.0
Cilantro	176	45	25.6	0.003 - 0.072	0.002 - 0.005		25
Collard Greens	187	40	21.4	0.011 - 1.3	0.010 ^		11
Garbanzo Beans, Dried	686	0			0.002 - 0.005		2.0
Hot Peppers	651	37	5.7	0.012 - 0.031	0.007 ^		1.4
Kiwi Fruit	704	1	0.1	0.036 ^	0.010 ^	V-1	NT
Mustard Greens	595	161	27.1	0.003 - 1.4	0.002 - 0.010		11
Orange Juice	191	0			0.005 ^		1.4
Radishes	712	1	0.1	0.024 ^	0.020 ^		0.30
Spinach, Canned	375	87	23.2	0.005 - 0.51	0.005 ^		13
Spinach, Frozen	189	39	20.6	0.005 - 1.7	0.005 ^		13
Strawberries, Frozen	564	36	6.4	0.010 - 0.059	0.010 ^		1.0
Sweet Bell Peppers	354	4	1.1	0.025 - 0.11	0.020 ^		1.4
Sweet Peas, Canned	379	0			0.005 ^		2.0
Sweet Peas, Frozen	126	0			0.005 ^		2.0
Tangerines	180	0			0.005 ^		1.4
Tomato Paste	189	1	0.5	0.006 ^	0.005 ^		1.4
TOTAL	**8,437**	**570**					
Chlorbromuron (herbicide)							
Orange Juice	191	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**265**	**0**					
Chlordimeform (insecticide)							
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**571**	**0**					

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Chlorethoxyfos (insecticide)							
Orange Juice	191	0			0.003 ^		NT
Spinach, Canned	375	0			0.003 - 0.005		NT
Spinach, Frozen	189	0			0.003 - 0.005		NT
Sweet Peas, Canned	379	0			0.005 ^		NT
Sweet Peas, Frozen	126	0			0.005 ^		NT
Tangerines	180	0			0.005 ^		NT
Tomato Paste	189	0			0.003 - 0.005		NT
TOTAL	**1,629**	**0**					
Chlorfenapyr (insecticide)							
Asparagus	298	0			0.015 ^		0.01
Bananas	708	0			0.018 ^		0.01
Basil	343	2	0.6	0.004 ^	0.002 ^		80
Cabbage	300	0			0.005 ^		0.01
Cantaloupe	354	0			0.015 ^		0.01
Cauliflower	176	0			0.002 ^		0.01
Cilantro	176	0			0.002 ^		0.01
Collard Greens	187	0			0.015 ^		0.01
Garbanzo Beans, Dried	686	0			0.002 ^		0.01
Hot Peppers	651	11	1.7	0.030 - 0.17	0.018 ^		2
Kiwi Fruit	704	0			0.040 ^		0.01
Mustard Greens	595	0			0.002 - 0.040		0.01
Orange Juice	191	0			0.005 ^		0.01
Radishes	712	0			0.005 ^		0.01
Spinach, Canned	375	0			0.005 - 0.025		0.01
Spinach, Frozen	189	0			0.005 - 0.025		0.01
Strawberries, Frozen	564	6	1.1	0.016 - 0.037	0.015 ^	X-4	0.01
Sweet Bell Peppers	354	31	8.8	0.005 - 0.44	0.005 ^		2
Sweet Peas, Canned	379	0			0.025 ^		0.01
Sweet Peas, Frozen	126	0			0.025 ^		0.01
Tangerines	180	0			0.025 ^		0.01
Tomato Paste	189	0			0.005 - 0.025		2
TOTAL	**8,437**	**50**					
Chlorfenvinphos (insecticide)							
Basil	343	0			0.005 ^		NT
Cabbage	300	0			0.005 ^		NT
Cauliflower	176	0			0.002 ^		NT
Cilantro	176	0			0.005 ^		NT
Garbanzo Beans, Dried	686	0			0.002 - 0.005		NT
Mustard Greens	320	0			0.002 ^		NT
Orange Juice	191	0			0.001 ^		NT
Radishes	712	0			0.005 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Sweet Bell Peppers	354	0			0.005 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**3,638**	**0**					
Chlorfluazuron (insect growth regulator)							
Orange Juice	191	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**265**	**0**					

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Chlorimuron ethyl (herbicide)							
Orange Juice	191	0			0.003 ^		NT
Spinach, Canned	375	0			0.003 - 0.005		NT
Spinach, Frozen	189	0			0.003 - 0.005		NT
Sweet Peas, Canned	379	0			0.005 ^		NT
Sweet Peas, Frozen	126	0			0.005 ^		NT
Tangerines	180	0			0.005 ^		NT
Tomato Paste	189	0			0.003 - 0.005		NT
TOTAL	**1,629**	**0**					
Chlorobenzilate (acaricide)							
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**571**	**0**					
Chloroneb (fungicide)							
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**571**	**0**					
Chlorothalonil (fungicide)							
Asparagus	298	0			0.020 ^		0.1
Cantaloupe	354	0			0.020 ^		5.0
Collard Greens	187	7	3.7	0.020 - 1.8	0.020 ^	V-7	NT
Orange Juice	64	0			0.005 ^		NT
Strawberries, Frozen	564	1	0.2	0.028 ^	0.020 ^	V-1	NT
Sweet Bell Peppers	354	34	9.6	0.005 - 0.51	0.005 ^		6.0
Tomato Paste	74	0			0.010 ^		5
TOTAL	**1,895**	**42**					
Chlorotoluron (herbicide)							
Orange Juice	191	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**265**	**0**					
Chloroxuron (herbicide)							
Orange Juice	191	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**265**	**0**					
Chlorpropham (herbicide, growth regulator)							
Asparagus	298	0			0.020 ^		NT
Basil	343	10	2.9	0.002 - 0.008	0.001 ^	V-10	NT
Cabbage	300	0			0.005 ^		NT
Cantaloupe	354	0			0.020 ^		NT
Cauliflower	176	0			0.001 ^		NT
Cilantro	176	9	5.1	0.002 ^	0.001 ^	V-9	NT
Collard Greens	187	0			0.020 ^		NT
Garbanzo Beans, Dried	645	1	0.2	0.002 ^	0.001 ^	V-1	NT
Kiwi Fruit	704	2	0.3	0.054 - 0.21	0.020 ^	V-2	NT
Mustard Greens	595	18	3	0.002 - 0.031	0.001 - 0.020	V-18	NT
Orange Juice	191	0			0.001 ^		NT
Radishes	712	2	0.3	0.006 - 0.013	0.005 ^	V-2	NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Spinach, Canned	375	0			0.001 - 0.005		NT
Spinach, Frozen	189	0			0.001 - 0.005		NT
Strawberries, Frozen	564	0			0.020 ^		NT
Sweet Bell Peppers	354	1	0.3	0.014 ^	0.005 ^	V-1	NT
Sweet Peas, Canned	379	0			0.005 ^		NT
Sweet Peas, Frozen	126	0			0.005 ^		NT
Tangerines	180	0			0.005 ^		NT
Tomato Paste	189	0			0.001 - 0.005		NT
TOTAL	**7,037**	**43**					
Chlorpyrifos (insecticide)							
Asparagus	298	5	1.7	0.006 - 0.029	0.005 ^		5.0
Bananas	708	0			0.010 ^		0.1
Basil	343	32	9.3	0.002 - 0.40	0.001 ^	X-2	0.1
Cabbage	300	0			0.005 ^		1.0
Cantaloupe	354	1	0.3	0.016 ^	0.005 ^		0.1
Cauliflower	176	0			0.001 ^		1.0
Cilantro	176	20	11.4	0.002 - 0.031	0.001 ^		0.1
Collard Greens	187	0			0.005 ^		1.0
Garbanzo Beans, Dried	686	0			0.001 ^		0.1
Hot Peppers	651	65	10	0.017 - 0.72	0.010 ^		1.0
Kiwi Fruit	704	0			0.010 ^		2.0
Mustard Greens	588	7	1.2	0.002 - 0.60	0.001 - 0.010		1.0
Orange Juice	191	0			0.003 ^		1.0
Radishes	712	57	8	0.006 - 0.11	0.005 ^		2.0
Spinach, Canned	375	0			0.003 - 0.015		0.1
Spinach, Frozen	189	0			0.003 - 0.015		0.1
Strawberries, Frozen	564	53	9.4	0.005 - 0.043	0.005 ^		0.2
Sweet Bell Peppers	354	5	1.4	0.006 - 0.088	0.005 ^		1.0
Sweet Peas, Canned	379	0			0.015 ^		0.1
Sweet Peas, Frozen	126	0			0.015 ^		0.1
Tangerines	180	0			0.015 ^		1.0
Tomato Paste	189	0			0.003 - 0.015		0.1
TOTAL	**8,430**	**245**					
Chlorpyrifos oxygen analog (metabolite of Chlorpyrifos)							
Asparagus	298	0			0.004 ^		5.0
Bananas	708	0			0.004 ^		0.1
Basil	343	0			0.001 ^		0.1
Cabbage	300	0			0.010 ^		1.0
Cantaloupe	354	0			0.002 ^		0.1
Cauliflower	176	0			0.001 ^		1.0
Cilantro	176	0			0.001 ^		0.1
Collard Greens	187	0			0.002 ^		1.0
Garbanzo Beans, Dried	686	0			0.001 ^		0.1
Hot Peppers	651	0			0.004 ^		1.0
Kiwi Fruit	704	0			0.005 ^		2.0
Mustard Greens	595	0			0.001 - 0.005		1.0
Orange Juice	191	0			0.001 ^		1.0
Radishes	712	0			0.010 ^		2.0
Spinach, Canned	375	0			0.001 - 0.005		0.1
Spinach, Frozen	189	0			0.001 - 0.005		0.1
Strawberries, Frozen	564	0			0.002 - 0.004		0.2
Sweet Bell Peppers	354	0			0.010 ^		1.0
Sweet Peas, Canned	379	0			0.005 ^		0.1
Sweet Peas, Frozen	126	0			0.005 ^		0.1

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Tangerines	180	0			0.005 ^		1.0
Tomato Paste	189	0			0.001 - 0.005		0.1
TOTAL	**8,437**	**0**					
Chlorpyrifos methyl (insecticide)							
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**571**	**0**					
Chlorpyrifos methyl oxygen analog (insecticide metabolite)							
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	170	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**537**	**0**					
Chlorsulfuron (herbicide)							
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**571**	**0**					
Chlorthiophos (insecticide)							
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**571**	**0**					
Clethodim (herbicide)							
Basil	343	0			0.002 ^		12.0
Cabbage	300	0			0.010 ^		3.0
Cauliflower	176	0			0.002 ^		3.0
Cilantro	176	0			0.002 ^		12.0
Garbanzo Beans, Dried	686	2	0.3	0.004 ^	0.002 ^		3.5
Hot Peppers	651	0			0.010 ^		1.0
Mustard Greens	320	0			0.002 ^		3.0
Orange Juice	191	0			0.010 ^		NT
Radishes	712	0			0.010 ^		1.0
Spinach, Canned	375	0			0.010 - 0.20		2.0
Spinach, Frozen	189	0			0.010 - 0.20		2.0
Sweet Bell Peppers	354	0			0.010 ^		1.0
Sweet Peas, Canned	379	0			0.20 ^		3.5
Sweet Peas, Frozen	126	0			0.20 ^		3.5
Tangerines	180	0			0.20 ^		NT
Tomato Paste	189	0			0.010 - 0.20		1.0
TOTAL	**5,347**	**2**					
Clethodim 5-OH sulfone (herbicide metabolite)							
Hot Peppers	651	0			0.020 ^		1.0
TOTAL	**651**	**0**					
Clethodim sulfone (herbicide metabolite)							
Hot Peppers	651	0			0.025 ^		1.0
TOTAL	**651**	**0**					

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Clethodim sulfoxide (herbicide metabolite)							
Hot Peppers	651	2	0.3	0.033 ^	0.020 ^		1.0
TOTAL	**651**	**2**					
Clodinafop propargyl (herbicide)							
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**571**	**0**					
Clofentezine (insecticide)							
Kiwi Fruit	704	0			0.040 ^		NT
Mustard Greens	275	0			0.080 ^		NT
Orange Juice	191	0			0.005 ^		NT
Spinach, Canned	204	0			0.005 ^		NT
Spinach, Frozen	102	0			0.005 ^		NT
Tomato Paste	74	0			0.005 ^		NT
TOTAL	**1,550**	**0**					
Clomazone (herbicide)							
Asparagus	298	0			0.005 ^		0.05
Basil	343	0			0.002 ^		NT
Cabbage	300	0			0.005 ^		0.10
Cantaloupe	354	0			0.005 ^		0.05
Cauliflower	176	0			0.002 ^		0.10
Cilantro	176	0			0.002 ^		NT
Collard Greens	187	0			0.005 ^		0.05
Garbanzo Beans, Dried	686	0			0.002 ^		0.05
Hot Peppers	651	2	0.3	0.005 ^	0.003 ^		0.05
Kiwi Fruit	704	0			0.070 ^		NT
Mustard Greens	595	0			0.002 - 0.070		NT
Orange Juice	191	0			0.001 ^		NT
Radishes	712	0			0.005 ^		NT
Spinach, Canned	375	0			0.001 - 0.005		NT
Spinach, Frozen	189	0			0.001 - 0.005		NT
Strawberries, Frozen	564	0			0.005 ^		NT
Sweet Bell Peppers	354	0			0.005 ^		0.05
Sweet Peas, Canned	379	0			0.005 ^		0.05
Sweet Peas, Frozen	126	0			0.005 ^		0.05
Tangerines	180	0			0.005 ^		NT
Tomato Paste	189	0			0.001 - 0.005		NT
TOTAL	**7,729**	**2**					
Cloquintocet-mexyl (herbicide safener)							
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**571**	**0**					
Cloransulam methyl (herbicide)							
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**571**	**0**					

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Clothianidin (insecticide) (also a metabolite of Thiamethoxam)							
Asparagus	298	0			0.010 ^		0.02
Bananas	708	0			0.035 ^		0.03
Basil	343	18	5.2	0.006 - 0.15	0.005 ^	X-8	0.02
Cabbage	300	0			0.010 ^		4.5
Cantaloupe	354	4	1.1	0.011 - 0.016	0.010 ^		0.2
Cauliflower	176	9	5.1	0.003 - 0.021	0.002 ^		4.5
Cilantro	176	4	2.3	0.006 - 0.015	0.005 ^		0.02
Collard Greens	187	36	19.3	0.011 - 0.14	0.010 ^		3.0
Garbanzo Beans, Dried	686	0			0.002 - 0.005		0.02
Hot Peppers	651	46	7.1	0.058 - 0.20	0.035 ^		0.80
Kiwi Fruit	704	0			0.035 ^		0.02
Mustard Greens	595	116	19.5	0.003 - 0.073	0.002 - 0.035		3.0
Orange Juice	191	0			0.001 ^		0.40
Radishes	712	1	0.1	0.012 ^	0.010 ^		0.8
Spinach, Canned	375	12	3.2	0.003 - 0.18	0.001 - 0.025		4.0
Spinach, Frozen	189	45	23.8	0.001 - 0.089	0.001 - 0.025		4.0
Strawberries, Frozen	564	0			0.010 ^		0.30
Sweet Bell Peppers	354	34	9.6	0.010 - 0.28	0.010 ^		0.80
Sweet Peas, Canned	379	0			0.025 ^		0.02
Sweet Peas, Frozen	126	0			0.025 ^		0.02
Tangerines	180	0			0.025 ^		0.40
Tomato Paste	189	38	20.1	0.001 - 0.015	0.001 - 0.025		0.80
TOTAL	**8,437**	**363**					
Coumaphos (insecticide)							
Asparagus	298	0			0.010 ^		NT
Basil	343	0			0.002 ^		NT
Cabbage	300	0			0.005 ^		NT
Cantaloupe	354	0			0.010 ^		NT
Cauliflower	176	0			0.002 ^		NT
Cilantro	176	0			0.002 ^		NT
Collard Greens	187	0			0.010 ^		NT
Garbanzo Beans, Dried	686	0			0.002 ^		NT
Mustard Greens	320	0			0.002 ^		NT
Orange Juice	191	0			0.001 ^		NT
Radishes	693	0			0.005 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Strawberries, Frozen	564	0			0.010 ^		NT
Sweet Bell Peppers	354	0			0.005 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**5,022**	**0**					
Coumaphos oxygen analog (metabolite of Coumaphos)							
Asparagus	298	0			0.010 ^		NT
Basil	343	0			0.003 ^		NT
Cantaloupe	354	0			0.010 ^		NT
Cauliflower	176	0			0.003 ^		NT
Cilantro	176	0			0.003 ^		NT
Collard Greens	187	0			0.010 ^		NT
Garbanzo Beans, Dried	686	0			0.003 ^		NT
Mustard Greens	320	0			0.003 ^		NT
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Strawberries, Frozen	564	0			0.010 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**3,675**	**0**					
Crotoxyphos (insecticide, acaricide)							
Orange Juice	191	0			0.003 ^		NT
Spinach, Canned	204	0			0.003 ^		NT
Spinach, Frozen	102	0			0.003 ^		NT
Tomato Paste	74	0			0.003 ^		NT
TOTAL	**571**	**0**					
Crufomate (insecticide)							
Orange Juice	191	0			0.003 ^		NT
Spinach, Canned	204	0			0.003 ^		NT
Spinach, Frozen	102	0			0.003 ^		NT
Tomato Paste	74	0			0.003 ^		NT
TOTAL	**571**	**0**					
Cumyluron (herbicide)							
Cabbage	300	0			0.010 ^		NT
Radishes	712	0			0.010 ^		NT
Sweet Bell Peppers	354	0			0.010 ^		NT
TOTAL	**1,366**	**0**					
Cyanazine (herbicide)							
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**571**	**0**					
Cyantraniliprole (insecticide)							
Basil	322	6	1.9	0.011 - 0.17	0.008 - 0.015	V-6	NT
Cauliflower	176	0			0.002 ^		3.0
Cilantro	176	0			0.008 ^		20
Garbanzo Beans, Dried	686	0			0.002 - 0.008		1.0
Hot Peppers	651	12	1.8	0.013 - 0.036	0.008 ^		2.0
Kiwi Fruit	704	0			0.15 ^		NT
Mustard Greens	595	38	6.4	0.004 - 2.4	0.002 - 0.15		30
Orange Juice	191	0			0.003 ^		0.70
Spinach, Canned	375	0			0.003 - 0.005		20
Spinach, Frozen	189	0			0.003 - 0.005		20
Sweet Peas, Canned	379	0			0.005 ^		0.20
Sweet Peas, Frozen	126	0			0.005 ^		0.20
Tangerines	180	0			0.005 ^		0.70
Tomato Paste	189	0			0.003 - 0.005		2.0
TOTAL	**4,939**	**56**					
Cyazofamid (fungicide)							
Basil	343	75	21.9	0.010 - 13	0.006 ^		90
Cauliflower	176	0			0.006 ^		1.5
Cilantro	176	0			0.006 ^		90
Garbanzo Beans, Dried	686	0			0.006 ^		0.08
Hot Peppers	651	4	0.6	0.005 - 0.027	0.003 ^		0.9
Kiwi Fruit	704	0			0.020 ^		NT
Mustard Greens	595	15	2.5	0.010 - 5.8	0.006 - 0.020		15
Orange Juice	191	0			0.010 ^		NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Spinach, Canned	375	0			0.010 ^		10
Spinach, Frozen	189	4	2.1	0.019 - 0.23	0.010 ^		10
Sweet Peas, Canned	379	0			0.010 ^		NT
Sweet Peas, Frozen	126	0			0.010 ^		NT
Tangerines	180	0			0.010 ^		NT
Tomato Paste	189	0			0.010 ^		0.9
TOTAL	**4,960**	**98**					
Cyclaniliprole (insecticide)							
Hot Peppers	651	6	0.9	0.017 - 0.061	0.010 ^		0.20
Tangerines	180	0			0.010 ^		EX
Tomato Paste	115	0			0.010 ^		0.20
TOTAL	**946**	**6**					
Cyflufenamid (fungicide)							
Cabbage	300	0			0.010 ^		NT
Hot Peppers	651	0			0.005 ^		0.20
Kiwi Fruit	704	0			0.005 ^		NT
Mustard Greens	275	0			0.005 ^		NT
Orange Juice	191	0			0.001 ^		NT
Radishes	712	0			0.010 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Sweet Bell Peppers	354	0			0.010 ^		0.20
Tangerines	180	0			0.005 ^		NT
Tomato Paste	189	0			0.001 - 0.005		0.20
TOTAL	**3,862**	**0**					
Cyflumetofen (acaricide)							
Kiwi Fruit	704	0			0.010 ^		NT
Mustard Greens	275	0			0.010 ^		NT
Orange Juice	191	0			0.003 ^		0.30
Spinach, Canned	375	0			0.003 - 0.020		NT
Spinach, Frozen	189	0			0.003 - 0.020		NT
Sweet Peas, Canned	379	0			0.020 ^		NT
Sweet Peas, Frozen	126	0			0.020 ^		NT
Tangerines	180	0			0.10 ^		0.30
Tomato Paste	189	0			0.003 - 0.10		0.40
TOTAL	**2,608**	**0**					
Cyfluthrin (insecticide)							
Asparagus	298	0			0.004 ^		0.05
Bananas	708	0			0.008 ^		0.05
Basil	343	9	2.6	0.012 - 0.49	0.008 - 0.050	X-6	0.05
Cabbage	300	4	1.3	0.006 - 0.022	0.005 ^		2.5
Cantaloupe	354	0			0.004 ^		0.1
Cauliflower	176	0			0.008 ^		2.5
Cilantro	176	4	2.3	0.012 - 2.1	0.008 ^		6.0
Collard Greens	187	38	20.3	0.005 - 0.80	0.004 ^		7.0
Garbanzo Beans, Dried	686	1	0.1	0.049 ^	0.008 - 0.025		0.15
Hot Peppers	651	63	9.7	0.013 - 0.23	0.008 ^		0.50
Kiwi Fruit	704	0			0.045 ^		0.05
Mustard Greens	595	115	19.3	0.012 - 5.0	0.008 - 0.045		7.0
Orange Juice	191	0			0.003 ^		0.2
Radishes	712	3	0.4	0.005 - 0.014	0.005 ^		1.0
Spinach, Canned	375	178	47.5	0.003 - 2.3	0.003 - 0.050		6.0
Spinach, Frozen	131	25	19.1	0.004 - 1.7	0.003 - 0.050		6.0

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Strawberries, Frozen	564	0			0.004 ^		0.05
Sweet Bell Peppers	354	12	3.4	0.005 - 0.027	0.005 ^		0.50
Sweet Peas, Canned	379	0			0.050 ^		0.25
Sweet Peas, Frozen	126	0			0.050 ^		0.25
Tangerines	180	0			0.050 ^		0.2
Tomato Paste	189	0			0.003 - 0.050		0.5
TOTAL	**8,379**	**452**					
Cyhalothrin, Total (Cyhalothrin-L + R157836 epimer) (insecticide)							
Asparagus	298	0			0.005 ^		0.01
Bananas	708	0			0.003 ^		0.01
Basil	343	28	8.2	0.005 - 1.4	0.003 - 0.010	X-22	0.01
Cabbage	300	0			0.008 ^		0.4
Cantaloupe	354	0			0.005 ^		0.05
Cauliflower	176	1	0.6	0.005 ^	0.003 ^		0.4
Cilantro	176	0			0.003 ^		0.01
Collard Greens	187	2	1.1	0.22 - 0.55	0.005 ^	X-2	0.01
Garbanzo Beans, Dried	686	0			0.003 ^		0.10
Hot Peppers	651	69	10.6	0.005 - 0.10	0.003 ^		0.20
Kiwi Fruit	704	0			0.015 ^		0.01
Mustard Greens	595	7	1.2	0.005 - 0.36	0.003 - 0.015	X-3	0.01
Orange Juice	191	0			0.003 ^		0.01
Radishes	712	2	0.3	0.011 - 0.033	0.008 ^	X-1	0.01
Spinach, Canned	346	0			0.003 - 0.005		0.01
Spinach, Frozen	160	7	4.4	0.004 - 0.32	0.003 - 0.005	X-5	0.01
Strawberries, Frozen	564	0			0.005 ^		0.01
Sweet Bell Peppers	354	13	3.7	0.008 - 0.034	0.008 ^		0.20
Sweet Peas, Canned	379	0			0.005 ^		0.01
Sweet Peas, Frozen	126	0			0.005 ^		0.01
Tangerines	180	0			0.005 ^		0.01
Tomato Paste	189	22	11.6	0.003 - 0.007	0.003 - 0.005		0.1
TOTAL	**8,379**	**151**					
Cymoxanil (fungicide)							
Asparagus	298	0			0.005 ^		NT
Basil	343	1	0.3	0.005 ^	0.003 ^	V-1	NT
Cantaloupe	354	0			0.005 ^		0.05
Cauliflower	176	0			0.010 ^		NT
Cilantro	176	0			0.003 ^		19
Collard Greens	187	0			0.005 ^		NT
Garbanzo Beans, Dried	686	0			0.003 ^		NT
Hot Peppers	651	0			0.040 ^		0.2
Kiwi Fruit	704	0			0.020 ^		NT
Mustard Greens	595	0			0.003 - 0.020		NT
Orange Juice	191	0			0.010 ^		NT
Radishes	712	0			0.010 ^		NT
Spinach, Canned	375	0			0.010 - 0.050		19
Spinach, Frozen	189	0			0.010 - 0.050		19
Strawberries, Frozen	564	0			0.005 ^		NT
Sweet Bell Peppers	354	0			0.010 ^		0.2
Sweet Peas, Canned	379	0			0.050 ^		NT
Sweet Peas, Frozen	126	0			0.050 ^		NT
Tangerines	180	0			0.10 ^		NT
Tomato Paste	189	0			0.010 - 0.10		0.2
TOTAL	**7,429**	**1**					

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Cypermethrin (insecticide)							
Asparagus	298	0			0.010 ^		0.05
Bananas	708	0			0.025 ^		0.05
Basil	343	32	9.3	0.037 - 4.1	0.022 - 0.075	X-27	0.05
Cabbage	300	4	1.3	0.014 - 0.18	0.010 ^		2.0
Cantaloupe	354	0			0.010 ^		0.2
Cauliflower	176	0			0.022 ^		2.0
Cilantro	176	16	9.1	0.037 - 4.2	0.022 ^		10
Collard Greens	187	36	19.3	0.016 - 2.2	0.010 ^		14.0
Garbanzo Beans, Dried	686	0			0.022 - 0.075		0.05
Hot Peppers	651	56	8.6	0.042 - 0.28	0.025 ^		0.2
Kiwi Fruit	704	0			0.070 ^		0.05
Mustard Greens	595	114	19.2	0.037 - 2.3	0.022 - 0.070		14.0
Orange Juice	191	0			0.005 ^		0.35
Radishes	712	7	1	0.011 - 0.035	0.010 ^		0.1
Spinach, Canned	374	342	91.4	0.011 - 7.2	0.010 - 0.050		10
Spinach, Frozen	131	32	24.4	0.012 - 7.9	0.010 - 0.050		10
Strawberries, Frozen	564	4	0.7	0.010 - 0.016	0.010 ^		0.05
Sweet Bell Peppers	354	17	4.8	0.012 - 0.15	0.010 ^		0.2
Sweet Peas, Canned	379	0			0.050 ^		0.1
Sweet Peas, Frozen	126	0			0.050 ^		0.1
Tangerines	180	0			0.050 ^		0.35
Tomato Paste	189	0			0.005 - 0.050		0.2
TOTAL	**8,378**	**660**					
Cyphenothrin (insecticide)							
Asparagus	298	0			0.015 ^		NT
Bananas	708	0			0.015 ^		NT
Cabbage	275	0			0.008 ^		NT
Cantaloupe	354	0			0.015 ^		NT
Collard Greens	187	0			0.015 ^		NT
Hot Peppers	651	0			0.015 ^		NT
Kiwi Fruit	704	0			0.060 ^		NT
Mustard Greens	275	0			0.060 ^		NT
Orange Juice	191	0			0.020 ^		NT
Radishes	712	0			0.008 ^		NT
Spinach, Canned	375	0			0.010 - 0.050		NT
Spinach, Frozen	189	0			0.010 - 0.050		NT
Strawberries, Frozen	564	0			0.015 ^		NT
Sweet Bell Peppers	354	0			0.008 ^		NT
Sweet Peas, Canned	379	0			0.050 ^		NT
Sweet Peas, Frozen	126	0			0.050 ^		NT
Tangerines	180	0			0.050 ^		NT
Tomato Paste	189	0			0.020 - 0.050		NT
TOTAL	**6,711**	**0**					
Cyprazine (herbicide)							
Orange Juice	191	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**265**	**0**					
Cyproconazole (fungicide)							
Asparagus	298	0			0.010 ^		NT
Cantaloupe	354	0			0.010 ^		NT
Collard Greens	187	0			0.010 ^		NT
Kiwi Fruit	704	0			0.005 ^		NT
Mustard Greens	275	0			0.005 ^		NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	204	0			0.003 ^		NT
Spinach, Frozen	102	0			0.003 ^		NT
Strawberries, Frozen	564	0			0.010 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**2,953**	**0**					
Cyprodinil (fungicide)							
Asparagus	298	0			0.005 ^		NT
Basil	343	26	7.6	0.002 - 0.35	0.001 ^		3.0
Cabbage	300	0			0.005 ^		1.0
Cantaloupe	354	1	0.3	0.006 ^	0.005 ^		0.70
Cauliflower	176	1	0.6	0.002 ^	0.001 ^		1.0
Cilantro	176	10	5.7	0.002 - 0.29	0.001 ^		3.0
Collard Greens	187	3	1.6	0.007 - 0.083	0.005 ^		10.0
Garbanzo Beans, Dried	686	0			0.001 - 0.003		0.6
Hot Peppers	651	7	1.1	0.003 - 0.089	0.002 ^		1.5
Kiwi Fruit	704	45	6.4	0.042 - 0.78	0.015 ^		1.8
Mustard Greens	595	11	1.8	0.002 - 0.97	0.001 - 0.015		10.0
Orange Juice	191	0			0.003 ^		NT
Radishes	712	3	0.4	0.011 - 0.040	0.005 ^		0.75
Spinach, Canned	375	3	0.8	0.003 - 0.006	0.003 - 0.005		50
Spinach, Frozen	189	0			0.003 - 0.005		50
Strawberries, Frozen	564	127	22.5	0.005 - 0.66	0.005 ^		5.0
Sweet Bell Peppers	354	3	0.8	0.007 - 0.11	0.005 ^		1.5
Sweet Peas, Canned	379	0			0.005 ^		NT
Sweet Peas, Frozen	126	0			0.005 ^		NT
Tangerines	180	0			0.005 ^		NT
Tomato Paste	189	0			0.003 - 0.005		1.5
TOTAL	**7,729**	**240**					
Cyprosulfamide (herbicide safener)							
Kiwi Fruit	704	0			0.010 ^		NT
Orange Juice	191	0			0.003 ^		NT
Spinach, Canned	375	0			0.003 - 0.004		NT
Spinach, Frozen	189	0			0.003 - 0.004		NT
Sweet Peas, Canned	379	0			0.004 ^		NT
Sweet Peas, Frozen	126	0			0.004 ^		NT
Tangerines	180	0			0.010 ^		NT
Tomato Paste	189	0			0.003 - 0.010		NT
TOTAL	**2,333**	**0**					
Cyromazine (insect growth regulator)							
Garbanzo Beans, Dried	685	0			0.002 ^		3.0
Kiwi Fruit	704	0			0.10 ^		NT
Mustard Greens	275	0			0.10 ^		35
Orange Juice	191	0			0.005 ^		NT
Radishes	693	0			0.020 ^		0.5
Spinach, Canned	204	0			0.005 ^		10
Spinach, Frozen	189	0			0.005 - 0.050		10
Tomato Paste	74	0			0.005 ^		1
TOTAL	**3,015**	**0**					
Daimuron (herbicide)							
Orange Juice	191	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**265**	**0**					

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
DCPA (herbicide)							
Asparagus	298	2	0.7	0.002 ^	0.002 ^	V-2	NT
Basil	343	20	5.8	0.002 - 0.084	0.001 ^		5.0
Cabbage	300	1	0.3	0.006 ^	0.005 ^		5.0
Cantaloupe	354	0			0.002 ^		1.0
Cauliflower	176	4	2.3	0.002 - 0.003	0.001 ^		5.0
Cilantro	176	129	73.3	0.002 - 0.072	0.001 ^		5.0
Collard Greens	187	66	35.3	0.002 - 0.12	0.002 ^		5.0
Garbanzo Beans, Dried	686	0			0.001 ^		2.0
Hot Peppers	651	1	0.2	0.003 ^	0.002 ^		2.0
Kiwi Fruit	704	0			0.020 ^		NT
Mustard Greens	595	229	38.5	0.002 - 0.58	0.001 - 0.020		5.0
Orange Juice	191	0			0.001 ^		NT
Radishes	712	116	16.3	0.005 - 0.21	0.005 ^		2.0
Spinach, Canned	375	0			0.001 - 0.005		NT
Spinach, Frozen	189	5	2.6	0.001 - 0.002	0.001 - 0.005	V-5	NT
Strawberries, Frozen	564	0			0.002 ^		2.0
Sweet Bell Peppers	354	0			0.005 ^		2.0
Sweet Peas, Canned	379	0			0.005 ^		NT
Sweet Peas, Frozen	126	0			0.005 ^		NT
Tangerines	180	0			0.005 ^		NT
Tomato Paste	189	0			0.001 - 0.005		1.0
TOTAL	**7,729**	**573**					
DEF - Tribufos (herbicide, plant growth regulator)							
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**571**	**0**					
Deltamethrin (includes parent Tralomethrin) (insecticide)							
Asparagus	298	0			0.015 ^		0.05
Bananas	708	0			0.006 ^		0.05
Basil	343	9	2.6	0.020 - 0.74	0.012 ^	X-7	0.05
Cabbage	300	0			0.008 ^		0.05
Cantaloupe	354	0			0.015 ^		0.2
Cauliflower	176	0			0.012 ^		0.05
Cilantro	176	0			0.012 ^		0.05
Collard Greens	187	0			0.015 ^		0.05
Garbanzo Beans, Dried	686	5	0.7	0.020 - 0.14	0.012 - 0.040	X-3	0.05
Hot Peppers	651	25	3.8	0.010 - 0.071	0.006 ^		0.3
Kiwi Fruit	704	0			0.12 ^		0.05
Mustard Greens	595	0			0.012 - 0.12		0.05
Orange Juice	191	0			0.001 ^		0.30
Radishes	673	0			0.008 ^		0.2
Spinach, Canned	375	0			0.001 - 0.050		0.05
Spinach, Frozen	189	0			0.001 - 0.050		0.05
Strawberries, Frozen	564	1	0.2	0.015 ^	0.015 ^		0.05
Sweet Bell Peppers	354	2	0.6	0.017 - 0.025	0.008 ^		0.3
Sweet Peas, Canned	379	0			0.050 ^		0.05
Sweet Peas, Frozen	126	0			0.050 ^		0.05
Tangerines	180	0			0.050 ^		0.05
Tomato Paste	189	0			0.001 - 0.050		1.0
TOTAL	**8,398**	**42**					

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Demeton-O (metabolite of the insecticide Demeton)							
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**571**	**0**					
Demeton-S (metabolite of Demeton)							
Orange Juice	191	0			0.003 ^		NT
Spinach, Canned	204	0			0.003 ^		NT
Spinach, Frozen	102	0			0.003 ^		NT
Tomato Paste	74	0			0.003 ^		NT
TOTAL	**571**	**0**					
Demeton-S methyl (insecticide metabolite)							
Orange Juice	191	0			0.005 ^		NT
Tomato Paste	74	0			0.005 ^		NT
TOTAL	**265**	**0**					
Demeton-S sulfone (metabolite of Demeton-S)							
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**571**	**0**					
Desethyl atrazine (herbicide metabolite)							
Orange Juice	191	0			0.003 ^		NT
Spinach, Canned	204	0			0.003 ^		0.25
Spinach, Frozen	102	4	3.9	0.003 - 0.018	0.003 ^		0.25
Tomato Paste	74	0			0.003 ^		NT
TOTAL	**571**	**4**					
Desmedipham (herbicide)							
Kiwi Fruit	704	0			0.060 ^		NT
Mustard Greens	275	0			0.060 ^		NT
Spinach, Canned	171	0			0.005 ^		6.0
Spinach, Frozen	87	0			0.005 ^		6.0
Sweet Peas, Canned	379	0			0.005 ^		NT
Sweet Peas, Frozen	126	0			0.005 ^		NT
Tangerines	180	0			0.005 ^		NT
Tomato Paste	115	0			0.005 ^		NT
TOTAL	**2,037**	**0**					
Desmetryn (herbicide)							
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**571**	**0**					
Dialifos (insecticide)							
Orange Juice	191	0			0.005 ^		NT
Spinach, Canned	204	0			0.005 ^		NT
Spinach, Frozen	102	0			0.005 ^		NT
Tomato Paste	74	0			0.005 ^		NT
TOTAL	**571**	**0**					

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Diazinon (insecticide)							
Asparagus	298	0			0.005 ^		NT
Bananas	708	0			0.001 ^		0.20
Basil	343	2	0.6	0.006 - 0.010	0.001 ^	V-2	NT
Cabbage	300	0			0.002 ^		0.70
Cantaloupe	354	0			0.005 ^		0.75
Cauliflower	176	0			0.001 ^		0.70
Cilantro	176	10	5.7	0.002 - 0.010	0.001 ^	V-10	NT
Collard Greens	187	0			0.005 ^		0.70
Garbanzo Beans, Dried	686	0			0.001 ^		NT
Hot Peppers	651	3	0.5	0.002 - 0.015	0.001 ^		0.5
Kiwi Fruit	704	2	0.3	0.013 - 0.025	0.010 ^		0.75
Mustard Greens	595	0			0.001 - 0.010		0.70
Orange Juice	191	0			0.001 ^		NT
Radishes	712	0			0.002 ^		0.50
Spinach, Canned	375	0			0.001 - 0.005		0.70
Spinach, Frozen	189	0			0.001 - 0.005		0.70
Strawberries, Frozen	564	0			0.005 ^		0.50
Sweet Bell Peppers	354	1	0.3	0.015 ^	0.002 ^		0.5
Sweet Peas, Canned	379	0			0.005 ^		0.50
Sweet Peas, Frozen	126	0			0.005 ^		0.50
Tangerines	180	0			0.005 ^		NT
Tomato Paste	189	0			0.001 - 0.005		0.75
TOTAL	**8,437**	**18**					
Diazinon oxygen analog (metabolite of Diazinon)							
Bananas	708	0			0.003 ^		0.20
Basil	343	0			0.001 ^		NT
Cabbage	300	0			0.001 ^		0.70
Cauliflower	176	0			0.001 ^		0.70
Cilantro	176	0			0.001 ^		NT
Garbanzo Beans, Dried	686	0			0.001 ^		NT
Hot Peppers	651	0			0.003 ^		0.5
Kiwi Fruit	704	0			0.010 ^		0.75
Mustard Greens	595	0			0.001 - 0.010		0.70
Orange Juice	191	0			0.001 ^		NT
Radishes	712	0			0.001 ^		0.50
Spinach, Canned	346	0			0.001 - 0.005		0.70
Spinach, Frozen	160	0			0.001 - 0.005		0.70
Sweet Bell Peppers	354	0			0.001 ^		0.5
Sweet Peas, Canned	379	0			0.005 ^		0.50
Sweet Peas, Frozen	126	0			0.005 ^		0.50
Tangerines	180	0			0.005 ^		NT
Tomato Paste	189	0			0.001 - 0.005		0.75
TOTAL	**6,976**	**0**					
Dichlobenil (herbicide)							
Asparagus	298	0			0.010 ^		NT
Basil	343	0			0.001 ^		NT
Cabbage	300	0			0.005 ^		NT
Cantaloupe	354	0			0.010 ^		NT
Cauliflower	176	0			0.001 ^		NT
Cilantro	176	0			0.001 ^		NT
Collard Greens	187	0			0.010 ^		NT
Garbanzo Beans, Dried	686	0			0.001 - 0.003		NT
Kiwi Fruit	704	0			0.010 ^		NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Mustard Greens	595	0			0.001 - 0.010		NT
Orange Juice	191	0			0.001 ^		NT
Radishes	712	0			0.005 ^		NT
Spinach, Canned	346	0			0.001 - 0.002		NT
Spinach, Frozen	189	0			0.001 - 0.002		NT
Strawberries, Frozen	564	0			0.010 ^		NT
Sweet Bell Peppers	354	0			0.005 ^		NT
Sweet Peas, Canned	347	0			0.002 ^		NT
Sweet Peas, Frozen	126	0			0.002 ^		NT
Tangerines	180	0			0.002 ^		NT
Tomato Paste	189	0			0.001 - 0.002		NT
TOTAL	**7,017**	**0**					
Dichlofenthion (insecticide)							
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**571**	**0**					
Dichlormid (herbicide safener)							
Kiwi Fruit	704	0			0.040 ^		NT
Mustard Greens	275	0			0.040 ^		0.05
Orange Juice	191	0			0.020 ^		NT
Spinach, Canned	375	0			0.005 - 0.020		0.05
Spinach, Frozen	189	0			0.005 - 0.020		0.05
Sweet Peas, Canned	379	0			0.005 ^		0.05
Sweet Peas, Frozen	126	0			0.005 ^		0.05
Tangerines	180	0			0.005 ^		NT
Tomato Paste	189	0			0.005 - 0.020		0.05
TOTAL	**2,608**	**0**					
Dichlorvos - DDVP (insecticide) (also a metabolite of Naled)							
Asparagus	298	0			0.020 ^		0.5
Bananas	708	0			0.050 ^		0.5
Basil	343	0			0.005 ^		0.5
Cabbage	300	0			0.010 ^		1
Cantaloupe	354	0			0.020 ^		0.5
Cauliflower	176	0			0.010 ^		1
Cilantro	176	0			0.005 ^		0.5
Collard Greens	187	0			0.020 ^		3
Garbanzo Beans, Dried	686	0			0.002 - 0.005		0.5
Hot Peppers	651	0			0.050 ^		0.5
Kiwi Fruit	704	1	0.1	0.048 ^	0.010 ^		0.5
Mustard Greens	595	0			0.005 - 0.010		0.5
Orange Juice	191	0			0.020 ^		3
Radishes	712	0			0.010 ^		0.5
Spinach, Canned	375	0			0.005 - 0.020		3
Spinach, Frozen	189	0			0.005 - 0.020		3
Strawberries, Frozen	564	12	2.1	0.021 - 0.11	0.020 ^		1
Sweet Bell Peppers	354	0			0.010 ^		0.5
Sweet Peas, Canned	379	0			0.005 ^		0.5
Sweet Peas, Frozen	126	0			0.005 ^		0.5
Tangerines	180	0			0.005 ^		3
Tomato Paste	189	0			0.005 - 0.020		0.5
TOTAL	**8,437**	**13**					

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Diclobutrazol (fungicide)							
Orange Juice	191	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**265**	**0**					
Diclofop methyl (herbicide)							
Asparagus	298	0			0.001 ^		NT
Cantaloupe	354	0			0.001 ^		NT
Collard Greens	187	0			0.001 ^		NT
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Strawberries, Frozen	564	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**1,974**	**0**					
Dicloran (fungicide)							
Asparagus	298	0			0.016 ^		NT
Basil	343	0			0.002 ^		NT
Cabbage	300	1	0.3	0.011 ^	0.005 ^	V-1	NT
Cantaloupe	354	0			0.016 ^		NT
Cauliflower	176	0			0.002 ^		NT
Cilantro	176	2	1.1	0.004 - 0.010	0.002 ^	V-2	NT
Collard Greens	187	0			0.016 ^		NT
Garbanzo Beans, Dried	686	0			0.002 - 0.008		NT
Kiwi Fruit	704	0			0.020 ^		NT
Mustard Greens	595	2	0.3	0.004 - 0.018	0.002 - 0.020	V-2	NT
Orange Juice	191	0			0.001 ^		NT
Radishes	712	0			0.005 ^		NT
Spinach, Canned	375	0			0.001 - 0.010		NT
Spinach, Frozen	189	0			0.001 - 0.010		NT
Strawberries, Frozen	564	0			0.016 ^		NT
Sweet Bell Peppers	354	0			0.005 ^		NT
Sweet Peas, Canned	379	0			0.010 ^		NT
Sweet Peas, Frozen	126	0			0.010 ^		NT
Tangerines	180	0			0.010 ^		NT
Tomato Paste	189	0			0.001 - 0.010		5
TOTAL	**7,078**	**5**					
Diclosulam (herbicide)							
Orange Juice	191	0			0.003 ^		NT
Spinach, Canned	204	0			0.003 ^		NT
Spinach, Frozen	102	0			0.003 ^		NT
Tomato Paste	74	0			0.003 ^		NT
TOTAL	**571**	**0**					
Dicofol Total (insecticide)							
Hot Peppers	651	0			0.015 ^		2.0
Spinach, Canned	204	0			0.003 ^		NT
Spinach, Frozen	102	0			0.003 ^		NT
TOTAL	**957**	**0**					
Dicofol o,p' (isomer of Dicofol)							
Kiwi Fruit	704	0			0.015 ^		NT
Mustard Greens	275	0			0.015 ^		NT
TOTAL	**979**	**0**					

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Dicofol p,p' (isomer of Dicofol)							
Asparagus	298	0			0.010 ^		NT
Basil	343	0			0.001 ^		NT
Cantaloupe	178	0			0.010 ^		2.0
Cauliflower	176	0			0.001 ^		NT
Cilantro	176	0			0.001 ^		NT
Collard Greens	156	0			0.010 ^		NT
Garbanzo Beans, Dried	686	0			0.001 ^		0.5
Kiwi Fruit	704	0			0.025 ^		NT
Mustard Greens	595	0			0.001 - 0.025		NT
Spinach, Canned	171	0			0.005 ^		NT
Spinach, Frozen	87	0			0.005 ^		NT
Strawberries, Frozen	564	2	0.4	0.012 - 0.022	0.010 ^		10.0
Sweet Peas, Canned	379	0			0.005 ^		NT
Sweet Peas, Frozen	126	0			0.005 ^		NT
Tangerines	180	0			0.005 ^		6.0
Tomato Paste	115	0			0.005 ^		2.0
TOTAL	**4,934**	**2**					
Dicrotophos (insecticide)							
Basil	343	0			0.001 ^		NT
Cauliflower	176	0			0.001 ^		NT
Cilantro	176	0			0.001 ^		NT
Garbanzo Beans, Dried	686	0			0.001 ^		NT
Mustard Greens	320	0			0.001 ^		NT
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**2,272**	**0**					
Diethofencarb (fungicide)							
Orange Juice	191	0			0.003 ^		NT
Spinach, Canned	204	0			0.003 ^		NT
Spinach, Frozen	102	0			0.003 ^		NT
Tomato Paste	74	0			0.003 ^		NT
TOTAL	**571**	**0**					
Difenoconazole (fungicide)							
Asparagus	298	0			0.010 ^		NT
Bananas	708	0			0.001 ^		0.2
Basil	343	12	3.5	0.002 - 2.0	0.001 ^	V-12	NT
Cabbage	300	1	0.3	0.048 ^	0.005 ^		2.0
Cantaloupe	354	0			0.010 ^		0.70
Cauliflower	176	0			0.001 ^		2.0
Cilantro	176	1	0.6	0.12 ^	0.001 ^	V-1	NT
Collard Greens	187	8	4.3	0.011 - 1.0	0.010 ^		35
Garbanzo Beans, Dried	686	0			0.001 ^		0.20
Hot Peppers	651	75	11.5	0.002 - 0.098	0.001 ^		0.60
Kiwi Fruit	704	0			0.005 ^		NT
Mustard Greens	595	27	4.5	0.002 - 0.78	0.001 - 0.005		35
Orange Juice	191	0			0.001 ^		0.60
Radishes	712	1	0.1	0.014 ^	0.005 ^	V-1	NT
Spinach, Canned	375	14	3.7	0.002 - 0.033	0.001 - 0.002	V-14	NT
Spinach, Frozen	189	5	2.6	0.007 - 0.071	0.001 - 0.002	V-5	NT
Strawberries, Frozen	564	53	9.4	0.010 - 0.082	0.010 ^		2.5
Sweet Bell Peppers	354	45	12.7	0.005 - 0.18	0.005 ^		0.60

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Sweet Peas, Canned	379	0			0.002 ^		NT
Sweet Peas, Frozen	126	2	1.6	0.003 - 0.004	0.002 ^	V-2	NT
Tangerines	180	0			0.002 ^		0.60
Tomato Paste	189	114	60.3	0.001 - 0.016	0.001 - 0.002		0.60
TOTAL	**8,437**	**358**					
Diflubenzuron (insecticide)							
Asparagus	298	0			0.002 ^		NT
Basil	343	4	1.2	0.002 - 1.6	0.001 - 0.003	V-4	NT
Cantaloupe	354	0			0.002 ^		NT
Cauliflower	176	0			0.001 ^		NT
Cilantro	176	2	1.1	0.002 - 0.098	0.001 - 0.003	V-2	NT
Collard Greens	187	0			0.002 ^		9.0
Garbanzo Beans, Dried	686	1	0.1	0.011 ^	0.001 - 0.003	V-1	NT
Hot Peppers	651	24	3.7	0.012 - 0.12	0.007 ^		1.0
Kiwi Fruit	704	0			0.080 ^		NT
Mustard Greens	595	1	0.2	0.031 ^	0.001 - 0.080		9.0
Orange Juice	191	61	31.9	0.001 - 0.004	0.001 ^		3.0
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Strawberries, Frozen	564	1	0.2	0.008 ^	0.002 ^	V-1	NT
Tangerines	180	0			0.020 ^		3.0
Tomato Paste	189	0			0.001 - 0.020		NT
TOTAL	**5,600**	**94**					
Diflufenzopyr (herbicide)							
Spinach, Frozen	87	0			0.005 ^		NT
TOTAL	**87**	**0**					
Dimepiperate (herbicide)							
Orange Juice	191	0			0.003 ^		NT
Spinach, Canned	204	0			0.003 ^		NT
Spinach, Frozen	102	0			0.003 ^		NT
Tomato Paste	74	0			0.003 ^		NT
TOTAL	**571**	**0**					
Dimethenamid (herbicide)							
Asparagus	298	0			0.002 ^		NT
Basil	343	0			0.001 ^		NT
Cabbage	300	0			0.005 ^		NT
Cantaloupe	354	0			0.002 ^		NT
Cauliflower	176	0			0.001 ^		NT
Cilantro	176	0			0.001 ^		NT
Collard Greens	187	0			0.002 ^		NT
Garbanzo Beans, Dried	686	0			0.001 ^		0.01
Kiwi Fruit	704	0			0.010 ^		NT
Mustard Greens	595	0			0.001 - 0.010		NT
Orange Juice	191	0			0.001 ^		NT
Radishes	712	0			0.005 ^		0.01
Spinach, Canned	375	0			0.001 - 0.005		NT
Spinach, Frozen	189	0			0.001 - 0.005		NT
Strawberries, Frozen	564	0			0.002 ^		NT
Sweet Bell Peppers	354	0			0.005 ^		NT
Sweet Peas, Canned	379	0			0.005 ^		NT
Sweet Peas, Frozen	126	0			0.005 ^		NT
Tangerines	180	0			0.005 ^		NT
Tomato Paste	189	0			0.001 - 0.005		NT
TOTAL	**7,078**	**0**					

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Dimethipin (plant growth regulator)							
Orange Juice	191	0			0.010 ^		NT
Spinach, Canned	170	0			0.020 ^		NT
Spinach, Frozen	102	0			0.020 ^		NT
Tomato Paste	74	0			0.010 ^		NT
TOTAL	**537**	**0**					
Dimethoate (insecticide) (parent of Omethoate)							
Asparagus	298	0			0.005 ^		0.15
Basil	343	57	16.6	0.002 - 3.6	0.001 ^	V-57	NT
Cabbage	300	0			0.010 ^		NT
Cantaloupe	354	0			0.005 ^		1.0
Cauliflower	176	1	0.6	0.002 ^	0.001 - 0.003		2.0
Cilantro	176	1	0.6	0.68 ^	0.001 ^	V-1	NT
Collard Greens	187	0			0.005 ^		NT
Garbanzo Beans, Dried	686	0			0.001 ^		2.0
Hot Peppers	651	19	2.9	0.008 - 0.14	0.005 ^		2.0
Kiwi Fruit	704	0			0.010 ^		NT
Mustard Greens	595	1	0.2	0.002 ^	0.001 - 0.010		2.0
Orange Juice	191	0			0.001 ^		2.0
Radishes	712	0			0.010 ^		NT
Spinach, Canned	375	0			0.001 - 0.002		NT
Spinach, Frozen	189	0			0.001 - 0.002		NT
Strawberries, Frozen	564	6	1.1	0.007 - 0.043	0.005 ^	V-6	NT
Sweet Bell Peppers	354	4	1.1	0.029 - 0.10	0.010 ^		2.0
Sweet Peas, Canned	379	0			0.002 ^		2.0
Sweet Peas, Frozen	126	14	11.1	0.007 - 0.058	0.002 ^		2.0
Tangerines	180	0			0.005 ^		2.0
Tomato Paste	189	0			0.001 - 0.005		2.0
TOTAL	**7,729**	**103**					
Dimethomorph (fungicide)							
Asparagus	298	0			0.003 ^		NT
Basil	343	107	31.2	0.002 - 13	0.001 - 0.003	V-107	NT
Cabbage	300	1	0.3	0.014 ^	0.010 ^		6.0
Cantaloupe	354	0			0.003 ^		0.5
Cauliflower	176	1	0.6	0.002 ^	0.001 ^		6.0
Cilantro	176	21	11.9	0.002 - 0.32	0.001 - 0.003		30.0
Collard Greens	187	25	13.4	0.003 - 0.57	0.003 ^		30.0
Garbanzo Beans, Dried	686	1	0.1	0.002 ^	0.001 ^	V-1	NT
Hot Peppers	651	1	0.2	0.034 ^	0.005 ^		1.5
Kiwi Fruit	704	0			0.010 ^		NT
Mustard Greens	595	48	8.1	0.002 - 0.94	0.001 - 0.010		30.0
Orange Juice	191	0			0.003 ^		NT
Radishes	712	2	0.3	0.011 - 0.026	0.010 ^	V-2	NT
Spinach, Canned	375	0			0.003 - 0.020		30.0
Spinach, Frozen	189	19	10.1	0.004 - 0.22	0.003 - 0.020		30.0
Strawberries, Frozen	564	0			0.003 ^		0.90
Sweet Bell Peppers	354	1	0.3	0.083 ^	0.010 ^		1.5
Sweet Peas, Canned	379	0			0.020 ^		NT
Sweet Peas, Frozen	126	0			0.020 ^		NT
Tangerines	180	0			0.020 ^		NT
Tomato Paste	189	0			0.003 - 0.020		1.5
TOTAL	**7,729**	**227**					

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Dimethylvinphos (insecticide)							
Orange Juice	191	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**265**	**0**					
Dimetilan (insecticide)							
Orange Juice	191	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**265**	**0**					
Dimoxystrobin (fungicide)							
Orange Juice	191	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**265**	**0**					
Diniconazole (fungicide)							
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**571**	**0**					
Dinotefuran (insecticide)							
Asparagus	298	0			0.003 ^		0.01
Bananas	708	0			0.075 ^		0.01
Basil	343	8	2.3	0.010 - 0.77	0.006 ^	X-5	0.01
Cabbage	300	0			0.010 ^		1.4
Cantaloupe	354	130	36.7	0.004 - 0.12	0.003 ^		0.5
Cauliflower	176	0			0.006 ^		1.4
Cilantro	176	1	0.6	0.027 ^	0.006 ^		5.0
Collard Greens	187	3	1.6	0.006 - 0.011	0.003 ^		15.0
Garbanzo Beans, Dried	686	0			0.006 - 0.020		0.01
Hot Peppers	651	7	1.1	0.12 - 0.50	0.075 ^		0.7
Kiwi Fruit	704	0			0.015 ^		0.9
Mustard Greens	595	7	1.2	0.035 - 0.29	0.006 - 0.015		15.0
Orange Juice	191	0			0.003 ^		0.01
Radishes	712	0			0.010 ^		0.01
Spinach, Canned	375	0			0.003 - 0.040		5.0
Spinach, Frozen	189	0			0.003 - 0.040		5.0
Strawberries, Frozen	564	0			0.003 ^		0.01
Sweet Bell Peppers	354	23	6.5	0.010 - 0.13	0.010 ^		0.7
Sweet Peas, Canned	379	0			0.040 ^		0.01
Sweet Peas, Frozen	95	0			0.040 ^		0.01
Tangerines	180	0			0.040 ^		0.01
Tomato Paste	189	1	0.5	0.005 ^	0.003 - 0.040		1.0
TOTAL	**8,406**	**180**					
Dioxacarb (insecticide)							
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**571**	**0**					
Dioxathion (insecticide)							
Orange Juice	191	0			0.005 ^		NT
Spinach, Canned	204	0			0.005 ^		NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Spinach, Frozen	102	0			0.005 ^		NT
Tomato Paste	74	0			0.005 ^		NT
TOTAL	**571**	**0**					
Diphenamid (herbicide)							
Basil	343	0			0.002 ^		NT
Cabbage	300	0			0.005 ^		NT
Cauliflower	176	0			0.002 ^		NT
Cilantro	176	0			0.002 ^		NT
Garbanzo Beans, Dried	686	0			0.002 ^		NT
Mustard Greens	320	0			0.002 ^		NT
Orange Juice	191	0			0.001 ^		NT
Radishes	712	0			0.005 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Sweet Bell Peppers	354	0			0.005 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**3,638**	**0**					
Diphenylamine - DPA (plant growth regulator)							
Asparagus	298	0			0.002 ^		NT
Basil	343	0			0.003 ^		NT
Cabbage	300	0			0.005 ^		NT
Cantaloupe	354	0			0.002 ^		NT
Cauliflower	176	0			0.003 ^		NT
Cilantro	176	0			0.003 ^		NT
Collard Greens	187	0			0.002 ^		NT
Garbanzo Beans, Dried	686	0			0.003 ^		NT
Kiwi Fruit	704	0			0.065 ^		NT
Mustard Greens	595	0			0.003 - 0.065		NT
Orange Juice	191	1	0.5	0.002 ^	0.001 ^	V-1	NT
Radishes	712	0			0.005 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Strawberries, Frozen	564	0			0.002 ^		NT
Sweet Bell Peppers	354	0			0.005 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**6,020**	**1**					
Dipropetryn (herbicide)							
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**571**	**0**					
Disulfoton (insecticide)							
Cabbage	300	0			0.005 ^		0.75
Kiwi Fruit	704	0			0.050 ^		NT
Mustard Greens	275	0			0.050 ^		NT
Orange Juice	191	0			0.001 ^		NT
Radishes	712	0			0.005 ^		NT
Spinach, Canned	204	0			0.003 ^		NT
Spinach, Frozen	102	0			0.003 ^		NT
Sweet Bell Peppers	354	0			0.005 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**2,916**	**0**					

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Disulfoton oxygen analog (metabolite of Disulfoton)							
Asparagus	298	0			0.001 ^		0.1
Basil	343	0			0.001 ^		NT
Cantaloupe	354	0			0.001 ^		NT
Cauliflower	176	0			0.001 ^		0.75
Cilantro	156	0			0.001 - 0.008		NT
Collard Greens	187	0			0.001 ^		NT
Kiwi Fruit	704	0			0.005 ^		NT
Mustard Greens	595	0			0.001 - 0.005		NT
Spinach, Canned	171	0			0.001 ^		NT
Spinach, Frozen	87	0			0.001 ^		NT
Strawberries, Frozen	564	0			0.001 ^		NT
Sweet Peas, Canned	379	0			0.001 ^		NT
Sweet Peas, Frozen	126	0			0.001 ^		NT
Tangerines	180	0			0.001 ^		NT
Tomato Paste	115	0			0.001 ^		NT
TOTAL	**4,435**	**0**					
Disulfoton sulfone (metabolite of Disulfoton)							
Asparagus	298	0			0.020 ^		0.1
Basil	343	0			0.003 ^		NT
Cabbage	300	0			0.010 ^		0.75
Cantaloupe	354	0			0.020 ^		NT
Cauliflower	176	0			0.001 ^		0.75
Cilantro	176	0			0.003 ^		NT
Collard Greens	187	0			0.020 ^		NT
Garbanzo Beans, Dried	686	0			0.001 - 0.003		NT
Kiwi Fruit	704	0			0.010 ^		NT
Mustard Greens	595	0			0.001 - 0.010		NT
Orange Juice	191	0			0.001 ^		NT
Radishes	712	0			0.010 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Strawberries, Frozen	564	0			0.020 ^		NT
Sweet Bell Peppers	354	0			0.010 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**6,020**	**0**					
Disulfoton sulfone oxygen analog (metabolite of Disulfoton)							
Basil	343	0			0.001 ^		NT
Cauliflower	176	0			0.001 ^		0.75
Cilantro	176	0			0.001 ^		NT
Garbanzo Beans, Dried	686	0			0.001 ^		NT
Kiwi Fruit	704	0			0.010 ^		NT
Mustard Greens	595	0			0.001 - 0.010		NT
TOTAL	**2,680**	**0**					
Disulfoton sulfoxide (metabolite of Disulfoton)							
Asparagus	298	0			0.005 ^		0.1
Basil	343	0			0.003 ^		NT
Cantaloupe	354	0			0.005 ^		NT
Cauliflower	176	0			0.001 ^		0.75
Cilantro	176	0			0.003 ^		NT
Collard Greens	187	0			0.005 ^		NT
Garbanzo Beans, Dried	686	0			0.001 - 0.003		NT
Kiwi Fruit	704	0			0.005 ^		NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Mustard Greens	595	0			0.001 - 0.005		NT
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	375	0			0.001 - 0.002		NT
Spinach, Frozen	189	0			0.001 - 0.002		NT
Strawberries, Frozen	564	0			0.005 ^		NT
Sweet Peas, Canned	379	0			0.002 ^		NT
Sweet Peas, Frozen	126	0			0.002 ^		NT
Tangerines	180	0			0.002 ^		NT
Tomato Paste	189	0			0.001 - 0.002		NT
TOTAL	**5,712**	**0**					
Disulfoton sulfoxide oxygen analog (metabolite of Disulfoton)							
Kiwi Fruit	704	0			0.010 ^		NT
Mustard Greens	275	0			0.010 ^		NT
TOTAL	**979**	**0**					
Ditalimfos (fungicide)							
Orange Juice	191	0			0.005 ^		NT
Spinach, Canned	204	0			0.005 ^		NT
Spinach, Frozen	102	0			0.005 ^		NT
Tomato Paste	74	0			0.005 ^		NT
TOTAL	**571**	**0**					
Dithiopyr (herbicide)							
Kiwi Fruit	704	0			0.010 ^		NT
Mustard Greens	275	0			0.010 ^		NT
Orange Juice	191	0			0.003 ^		NT
Tomato Paste	74	0			0.003 ^		NT
TOTAL	**1,244**	**0**					
Diuron (herbicide)							
Asparagus	298	2	0.7	0.005 ^	0.002 ^		7
Bananas	708	0			0.006 ^		0.1
Basil	343	0			0.004 ^		NT
Cantaloupe	354	0			0.002 ^		NT
Cauliflower	176	0			0.004 ^		NT
Cilantro	176	0			0.004 ^		NT
Collard Greens	187	0			0.002 ^		NT
Garbanzo Beans, Dried	686	0			0.004 ^		NT
Kiwi Fruit	704	0			0.015 ^		NT
Mustard Greens	595	0			0.004 - 0.015		NT
Orange Juice	191	0			0.010 ^		0.05
Spinach, Canned	375	0			0.010 ^		NT
Spinach, Frozen	189	0			0.010 ^		NT
Strawberries, Frozen	564	1	0.2	0.005 ^	0.002 ^	V-1	NT
Sweet Peas, Canned	379	0			0.010 ^		NT
Sweet Peas, Frozen	126	0			0.010 ^		NT
Tangerines	180	0			0.010 ^		0.05
Tomato Paste	189	0			0.010 ^		NT
TOTAL	**6,420**	**3**					
DMST (4-dimethylaminosulphotosluidide) (metabolite of Tolyfluanid)							
Orange Juice	191	0			0.003 ^		NT
Spinach, Canned	204	0			0.003 ^		NT
Spinach, Frozen	102	0			0.003 ^		NT
Tomato Paste	74	0			0.003 ^		2.0
TOTAL	**571**	**0**					

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Dodine (fungicide)							
Bananas	708	0			0.005 ^		0.50
Orange Juice	191	0			0.010 ^		NT
Spinach, Canned	204	0			0.010 ^		NT
Spinach, Frozen	102	0			0.010 ^		NT
Tomato Paste	74	0			0.010 ^		NT
TOTAL	**1,279**	**0**					
Edifenphos (fungicide)							
Orange Juice	191	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**265**	**0**					
Emamectin (insecticide)							
Orange Juice	191	0			0.010 ^		NT
Spinach, Canned	204	0			0.010 ^		1
Spinach, Frozen	102	0			0.010 ^		1
Tomato Paste	74	0			0.010 ^		0.150
TOTAL	**571**	**0**					
Emamectin benzoate [1] (insecticide)							
Asparagus	298	0			0.010 ^		NT
Basil	267	15	5.6	0.002 - 0.090	0.001 - 0.006	V-15	NT
Cabbage	300	0			0.010 ^		0.050
Cantaloupe	354	0			0.010 ^		0.02
Cauliflower	176	0			0.001 ^		0.05
Cilantro	137	1	0.7	0.018 ^	0.001 - 0.003	V-1	NT
Collard Greens	187	1	0.5	0.035 ^	0.010 ^		0.2
Garbanzo Beans, Dried	644	0			0.001 - 0.003		NT
Hot Peppers	651	0			0.002 ^		0.02
Mustard Greens	565	3	0.5	0.002 - 0.027	0.001 - 0.005		0.2
Radishes	712	0			0.010 ^		NT
Strawberries, Frozen	564	0			0.010 ^		NT
Sweet Bell Peppers	354	0			0.010 ^		0.02
TOTAL	**5,209**	**20**					
Endosulfan I (insecticide)							
Asparagus	209	0			0.010 ^		NT
Basil	343	0			0.005 ^		NT
Cabbage	300	0			0.005 ^		4.0
Cantaloupe	354	0			0.010 ^		1.0
Cauliflower	176	0			0.005 ^		2.0
Cilantro	176	0			0.005 ^		NT
Collard Greens	187	0			0.010 ^		2.0
Garbanzo Beans, Dried	686	0			0.005 ^		2.0
Hot Peppers	651	0			0.008 ^		2.0
Kiwi Fruit	704	0			0.030 ^		NT
Mustard Greens	595	0			0.005 - 0.030		2.0
Orange Juice	191	0			0.001 ^		NT
Radishes	712	0			0.005 ^		NT
Spinach, Canned	375	0			0.003 - 0.010		NT
Spinach, Frozen	189	0			0.003 - 0.010		NT
Strawberries, Frozen	532	0			0.010 ^		2.0
Sweet Bell Peppers	354	0			0.005 ^		2.0
Sweet Peas, Canned	379	0			0.010 ^		NT
Sweet Peas, Frozen	126	0			0.010 ^		NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Tangerines	180	0			0.010 ^		NT
Tomato Paste	189	0			0.001 - 0.010		1.0
TOTAL	**7,608**	**0**					
Endosulfan II (isomer of Endosulfan)							
Asparagus	298	0			0.015 ^		NT
Basil	343	0			0.001 ^		NT
Cabbage	300	0			0.005 ^		4.0
Cantaloupe	354	0			0.015 ^		1.0
Cauliflower	176	0			0.001 ^		2.0
Cilantro	176	0			0.001 ^		NT
Collard Greens	187	0			0.015 ^		2.0
Garbanzo Beans, Dried	686	0			0.001 ^		2.0
Hot Peppers	651	0			0.030 ^		2.0
Kiwi Fruit	704	0			0.085 ^		NT
Mustard Greens	595	1	0.2	0.002 ^	0.001 - 0.085		2.0
Orange Juice	191	0			0.001 ^		NT
Radishes	712	0			0.005 ^		NT
Spinach, Canned	346	0			0.003 - 0.005		NT
Spinach, Frozen	160	0			0.003 - 0.005		NT
Strawberries, Frozen	532	0			0.015 ^		2.0
Sweet Bell Peppers	354	0			0.005 ^		2.0
Sweet Peas, Canned	379	0			0.005 ^		NT
Sweet Peas, Frozen	126	0			0.005 ^		NT
Tangerines	180	0			0.005 ^		NT
Tomato Paste	189	0			0.001 - 0.005		1.0
TOTAL	**7,639**	**1**					
Endosulfan sulfate (metabolite of Endosulfan)							
Asparagus	298	0			0.005 ^		NT
Cabbage	300	0			0.005 ^		4.0
Cantaloupe	354	0			0.005 ^		1.0
Cauliflower	176	0			0.018 ^		2.0
Collard Greens	187	0			0.005 ^		2.0
Garbanzo Beans, Dried	685	0			0.018 ^		2.0
Hot Peppers	651	0			0.004 ^		2.0
Kiwi Fruit	704	0			0.040 ^		NT
Mustard Greens	595	0			0.005 - 0.040		2.0
Orange Juice	191	0			0.001 ^		NT
Radishes	712	1	0.1	0.006 ^	0.005 ^	V-1	NT
Spinach, Canned	346	0			0.003 - 0.015		NT
Spinach, Frozen	160	0			0.003 - 0.015		NT
Strawberries, Frozen	564	1	0.2	0.014 ^	0.005 ^		2.0
Sweet Bell Peppers	354	0			0.005 ^		2.0
Sweet Peas, Canned	379	0			0.015 ^		NT
Sweet Peas, Frozen	62	0			0.015 ^		NT
Tangerines	180	0			0.015 ^		NT
Tomato Paste	189	0			0.001 - 0.015		1.0
TOTAL	**7,087**	**2**					
EPN (insecticide)							
Bananas	708	0			0.003 ^		NT
Hot Peppers	651	0			0.003 ^		NT
Kiwi Fruit	704	0			0.040 ^		NT
Mustard Greens	275	0			0.040 ^		NT
Orange Juice	191	0			0.003 ^		NT
Spinach, Canned	204	0			0.005 ^		NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Spinach, Frozen	102	0			0.005 ^		NT
Tomato Paste	74	0			0.003 ^		NT
TOTAL	**2,909**	**0**					
Epoxiconazole (fungicide)							
Bananas	706	16	2.3	0.002 - 0.009	0.001 ^		0.5
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**1,277**	**16**					
EPTC (herbicide)							
Basil	343	0			0.001 ^		NT
Cabbage	300	0			0.010 ^		NT
Cauliflower	176	0			0.001 ^		NT
Cilantro	176	7	4	0.002 - 0.032	0.001 ^	V-7	NT
Garbanzo Beans, Dried	686	0			0.001 ^		0.08
Kiwi Fruit	704	0			0.035 ^		NT
Mustard Greens	595	0			0.001 - 0.035		NT
Radishes	712	0			0.010 ^		0.1
Spinach, Canned	142	0			0.005 ^		NT
Spinach, Frozen	87	0			0.005 ^		NT
Sweet Bell Peppers	354	0			0.010 ^		NT
Sweet Peas, Canned	316	0			0.005 ^		0.08
Sweet Peas, Frozen	126	0			0.005 ^		0.08
Tangerines	180	0			0.005 ^		0.1
Tomato Paste	115	0			0.005 ^		0.08
TOTAL	**5,012**	**7**					
Esfenvalerate+Fenvalerate Total (insecticide)							
Asparagus	298	0			0.005 ^		0.05
Bananas	708	0			0.007 ^		0.05
Basil	343	1	0.3	0.004 ^	0.002 - 0.075		0.05
Cabbage	300	0			0.005 ^		3.0
Cantaloupe	354	0			0.005 ^		0.5
Cauliflower	176	0			0.002 ^		0.5
Cilantro	176	0			0.002 ^		0.05
Collard Greens	187	0			0.005 ^		3.0
Garbanzo Beans, Dried	686	0			0.002 - 0.008		0.25
Hot Peppers	651	9	1.4	0.012 - 0.066	0.007 ^		0.5
Mustard Greens	320	0			0.002 ^		5.0
Radishes	712	11	1.5	0.005 - 0.026	0.005 ^		0.3
Spinach, Canned	171	0			0.050 ^		0.05
Spinach, Frozen	58	0			0.050 ^		0.05
Strawberries, Frozen	564	0			0.005 ^		0.05
Sweet Bell Peppers	354	0			0.005 ^		0.5
Sweet Peas, Canned	379	0			0.050 ^		0.05
Sweet Peas, Frozen	94	0			0.050 ^		0.05
Tangerines	180	0			0.050 ^		0.05
Tomato Paste	115	0			0.050 ^		0.5
TOTAL	**6,826**	**21**					
Esfenvalerate (isomer of Fenvalerate)							
Kiwi Fruit	704	19	2.7	0.035 - 0.12	0.035 ^		0.5
Mustard Greens	275	0			0.035 ^		5.0
Orange Juice	191	0			0.005 ^		0.05

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Spinach, Canned	204	0			0.005 ^		0.05
Spinach, Frozen	102	0			0.005 ^		0.05
Tomato Paste	74	0			0.005 ^		0.5
TOTAL	**1,550**	**19**					
Esprocarb (herbicide)							
Orange Juice	191	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**265**	**0**					
Ethaboxam (fungicide)							
Hot Peppers	651	2	0.3	0.003 - 0.077	0.002 ^		0.90
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**1,222**	**2**					
Ethalfluralin (herbicide)							
Asparagus	298	0			0.005 ^		NT
Basil	343	0			0.002 ^		NT
Cantaloupe	354	0			0.005 ^		0.05
Cauliflower	176	0			0.002 ^		NT
Cilantro	176	0			0.002 ^		NT
Collard Greens	187	0			0.005 ^		NT
Garbanzo Beans, Dried	686	0			0.002 ^		0.05
Kiwi Fruit	704	0			0.010 ^		NT
Mustard Greens	595	1	0.2	0.004 ^	0.002 - 0.010	V-1	NT
Orange Juice	191	0			0.003 ^		NT
Spinach, Canned	375	0			0.001 - 0.003		NT
Spinach, Frozen	189	0			0.001 - 0.003		NT
Strawberries, Frozen	564	0			0.005 ^		NT
Sweet Peas, Canned	379	0			0.001 ^		NT
Sweet Peas, Frozen	126	0			0.001 ^		NT
Tangerines	180	0			0.001 ^		NT
Tomato Paste	189	0			0.001 - 0.003		NT
TOTAL	**5,712**	**1**					
Ethametsulfuron methyl (herbicide)							
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	170	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**537**	**0**					
Ethidimuron (herbicide)							
Orange Juice	191	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**265**	**0**					
Ethiofencarb (insecticide)							
Basil	343	0			0.002 ^		NT
Cabbage	300	0			0.010 ^		NT
Cauliflower	176	0			0.002 ^		NT
Cilantro	176	0			0.002 ^		NT
Garbanzo Beans, Dried	624	0			0.002 - 0.008		NT
Mustard Greens	320	0			0.002 - 0.008		NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Orange Juice	191	0			0.003 ^		NT
Radishes	712	0			0.010 ^		NT
Spinach, Canned	204	0			0.003 ^		NT
Spinach, Frozen	102	0			0.003 ^		NT
Sweet Bell Peppers	354	0			0.010 ^		NT
Tomato Paste	74	0			0.003 ^		NT
TOTAL	**3,576**	**0**					
Ethiofencarb sulfone (metabolite of Ethiofencarb)							
Orange Juice	191	0			0.003 ^		NT
Spinach, Canned	204	0			0.003 ^		NT
Spinach, Frozen	102	0			0.003 ^		NT
Tomato Paste	74	0			0.003 ^		NT
TOTAL	**571**	**0**					
Ethiofencarb sulfoxide (metabolite of Ethiofencarb)							
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**571**	**0**					
Ethion (insecticide)							
Basil	343	0			0.001 ^		NT
Cabbage	300	0			0.010 ^		NT
Cauliflower	176	0			0.003 ^		NT
Cilantro	176	0			0.001 ^		NT
Garbanzo Beans, Dried	686	0			0.001 ^		NT
Kiwi Fruit	704	0			0.015 ^		NT
Mustard Greens	595	0			0.001 - 0.015		NT
Orange Juice	191	0			0.001 ^		NT
Radishes	712	0			0.010 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Sweet Bell Peppers	354	0			0.010 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**4,617**	**0**					
Ethion mono oxon (metabolite of Ethion)							
Basil	343	0			0.001 ^		NT
Cauliflower	176	0			0.001 ^		NT
Cilantro	176	0			0.001 ^		NT
Garbanzo Beans, Dried	686	0			0.001 ^		NT
Mustard Greens	320	0			0.001 ^		NT
TOTAL	**1,701**	**0**					
Ethiprole (insecticide)							
Orange Juice	191	0			0.005 ^		NT
Spinach, Canned	204	0			0.005 ^		NT
Spinach, Frozen	102	0			0.005 ^		NT
Tomato Paste	74	0			0.005 ^		NT
TOTAL	**571**	**0**					
Ethofumesate (herbicide)							
Kiwi Fruit	704	0			0.005 ^		NT
Mustard Greens	275	0			0.005 ^		NT
Orange Juice	191	0			0.003 ^		NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Spinach, Canned	204	0			0.003 ^		NT
Spinach, Frozen	102	0			0.003 ^		NT
Tomato Paste	74	0			0.003 ^		NT
TOTAL	**1,550**	**0**					
Ethoprop (insecticide)							
Bananas	708	1	0.1	0.002 ^	0.001 ^		0.02
Basil	343	0			0.003 ^		NT
Cabbage	300	0			0.010 ^		0.02
Cauliflower	176	0			0.001 ^		NT
Cilantro	176	0			0.003 ^		NT
Garbanzo Beans, Dried	686	0			0.001 - 0.003		NT
Kiwi Fruit	704	0			0.005 ^		NT
Mustard Greens	595	0			0.001 - 0.005		NT
Orange Juice	161	0			0.001 ^		NT
Radishes	712	0			0.010 ^		NT
Spinach, Canned	375	0			0.001 - 0.005		NT
Spinach, Frozen	189	0			0.001 - 0.005		NT
Sweet Bell Peppers	354	2	0.6	0.013 ^	0.010 ^	V-2	NT
Sweet Peas, Canned	379	0			0.005 ^		NT
Sweet Peas, Frozen	126	0			0.005 ^		NT
Tangerines	180	0			0.010 ^		NT
Tomato Paste	189	0			0.001 - 0.010		NT
TOTAL	**6,353**	**3**					
Ethoxyquin (plant growth regulator)							
Bananas	708	0			0.010 ^		NT
Hot Peppers	651	0			0.010 ^		NT
Spinach, Canned	171	0			0.005 ^		NT
Spinach, Frozen	87	0			0.005 ^		NT
Sweet Peas, Canned	379	0			0.005 ^		NT
Sweet Peas, Frozen	126	0			0.005 ^		NT
Tangerines	180	0			0.005 ^		NT
Tomato Paste	115	0			0.005 ^		NT
TOTAL	**2,417**	**0**					
Ethylan (insecticide)							
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**571**	**0**					
Etofenprox (insecticide)							
Asparagus	298	0			0.025 ^		5.0
Bananas	708	0			0.003 ^		5.0
Basil	343	1	0.3	0.003 ^	0.002 ^		5.0
Cantaloupe	354	0			0.025 ^		5.0
Cauliflower	176	0			0.002 ^		5.0
Cilantro	176	0			0.002 ^		5.0
Collard Greens	187	0			0.025 ^		5.0
Garbanzo Beans, Dried	686	0			0.002 ^		5.0
Hot Peppers	651	0			0.003 ^		5.0
Kiwi Fruit	704	11	1.6	0.054 - 0.21	0.035 ^		5.0
Mustard Greens	595	0			0.002 - 0.035		5.0
Orange Juice	191	0			0.001 ^		5.0
Spinach, Canned	375	0			0.001 - 0.010		5.0

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Spinach, Frozen	189	0			0.001 - 0.010		5.0
Strawberries, Frozen	564	0			0.025 ^		5.0
Sweet Peas, Canned	379	0			0.010 ^		5.0
Sweet Peas, Frozen	126	0			0.010 ^		5.0
Tangerines	180	0			0.010 ^		5.0
Tomato Paste	189	0			0.001 - 0.010		5.0
TOTAL	**7,071**	**12**					
Etoxazole (acaricide)							
Basil	343	1	0.3	0.005 ^	0.001 ^	V-1	NT
Cabbage	300	0			0.004 ^		NT
Cauliflower	176	0			0.001 ^		NT
Cilantro	176	0			0.001 ^		NT
Garbanzo Beans, Dried	686	0			0.001 ^		NT
Hot Peppers	651	3	0.5	0.002 - 0.007	0.001 ^		0.20
Kiwi Fruit	704	0			0.20 ^		NT
Mustard Greens	595	1	0.2	0.002 ^	0.001 - 0.20	V-1	NT
Orange Juice	191	0			0.001 ^		0.10
Radishes	712	0			0.004 ^		NT
Spinach, Canned	346	0			0.001 ^		NT
Spinach, Frozen	160	0			0.001 ^		NT
Sweet Bell Peppers	354	2	0.6	0.006 - 0.009	0.004 ^		0.20
Sweet Peas, Canned	379	0			0.001 ^		NT
Sweet Peas, Frozen	126	0			0.001 ^		NT
Tangerines	180	0			0.001 ^		0.10
Tomato Paste	189	0			0.001 ^		0.20
TOTAL	**6,268**	**7**					
Etridiazole (fungicide)							
Cabbage	300	0			0.005 ^		NT
Kiwi Fruit	704	0			0.010 ^		NT
Mustard Greens	275	0			0.010 ^		NT
Orange Juice	191	0			0.005 ^		NT
Radishes	712	0			0.005 ^		NT
Spinach, Canned	346	0			0.005 ^		NT
Spinach, Frozen	189	0			0.005 ^		NT
Sweet Bell Peppers	334	0			0.005 ^		NT
Sweet Peas, Canned	347	0			0.005 ^		NT
Sweet Peas, Frozen	126	0			0.005 ^		NT
Tangerines	180	0			0.005 ^		NT
Tomato Paste	189	0			0.005 ^		0.15
TOTAL	**3,893**	**0**					
Etrimfos (insecticide)							
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	170	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**537**	**0**					
Famoxadone (fungicide)							
Asparagus	298	0			0.025 ^		NT
Basil	325	2	0.6	0.023 - 1.1	0.002 - 0.008	V-2	NT
Cantaloupe	354	0			0.025 ^		0.30
Cauliflower	176	0			0.002 ^		NT
Cilantro	176	11	6.2	0.004 - 1.7	0.002 - 0.008		25

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Collard Greens	187	0			0.025 ^		NT
Garbanzo Beans, Dried	645	0			0.002 - 0.008		NT
Hot Peppers	651	45	6.9	0.020 - 0.17	0.012 ^		4.0
Kiwi Fruit	704	0			0.050 ^		NT
Mustard Greens	595	1	0.2	2.7 ^	0.002 - 0.050	V-1	NT
Orange Juice	191	0			0.010 ^		NT
Spinach, Canned	375	2	0.5	0.012 - 0.013	0.010 - 0.050		50
Spinach, Frozen	189	10	5.3	0.012 - 3.8	0.010 - 0.050		50
Strawberries, Frozen	564	0			0.025 ^		NT
Sweet Peas, Canned	379	0			0.050 ^		NT
Sweet Peas, Frozen	126	0			0.050 ^		NT
Tangerines	180	0			0.10 ^		NT
Tomato Paste	189	3	1.6	0.010 - 0.013	0.010 - 0.10		1.0
TOTAL	**6,304**	**74**					
Famphur (insecticide)							
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**571**	**0**					
Fenamidone (fungicide)							
Asparagus	298	0			0.005 ^		NT
Basil	343	19	5.5	0.004 - 3.5	0.002 ^		30
Cabbage	300	5	1.7	0.010 - 0.043	0.010 ^		5.0
Cantaloupe	354	0			0.005 ^		0.15
Cauliflower	176	1	0.6	0.008 ^	0.002 ^		5.0
Cilantro	176	24	13.6	0.004 - 1.2	0.002 ^		60
Collard Greens	187	15	8	0.006 - 4.5	0.005 ^		60
Garbanzo Beans, Dried	686	0			0.002 ^		NT
Hot Peppers	651	0			0.006 ^		3.5
Kiwi Fruit	704	0			0.060 ^		NT
Mustard Greens	595	33	5.5	0.004 - 11	0.002 - 0.060		60
Orange Juice	191	0			0.001 ^		NT
Radishes	712	0			0.010 ^		NT
Spinach, Canned	375	0			0.001 ^		60
Spinach, Frozen	189	29	15.3	0.001 - 1.1	0.001 ^		60
Strawberries, Frozen	564	0			0.005 ^		0.02
Sweet Bell Peppers	354	1	0.3	0.012 ^	0.010 ^		1.0
Sweet Peas, Canned	379	0			0.001 ^		NT
Sweet Peas, Frozen	126	0			0.001 ^		NT
Tangerines	180	0			0.001 ^		NT
Tomato Paste	189	0			0.001 ^		2.2
TOTAL	**7,729**	**127**					
Fenamiphos (insecticide)							
Bananas	708	0			0.002 ^		0.1
Basil	343	0			0.001 ^		NT
Cabbage	300	0			0.005 ^		NT
Cauliflower	176	0			0.001 ^		NT
Cilantro	176	0			0.001 ^		NT
Garbanzo Beans, Dried	686	0			0.001 ^		NT
Kiwi Fruit	704	0			0.010 ^		NT
Mustard Greens	595	0			0.001 - 0.010		NT
Orange Juice	191	0			0.001 ^		NT
Radishes	712	0			0.005 ^		NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Sweet Bell Peppers	354	0			0.005 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**5,325**	**0**					
Fenamiphos sulfone (metabolite of Fenamiphos)							
Bananas	708	0			0.002 ^		0.1
Basil	283	0			0.002 ^		NT
Cabbage	300	0			0.005 ^		NT
Cauliflower	176	0			0.005 ^		NT
Cilantro	78	0			0.002 - 0.010		NT
Garbanzo Beans, Dried	686	0			0.002 ^		NT
Kiwi Fruit	704	0			0.005 ^		NT
Mustard Greens	595	0			0.002 - 0.005		NT
Orange Juice	191	0			0.001 ^		NT
Radishes	712	0			0.005 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Sweet Bell Peppers	354	0			0.005 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**5,167**	**0**					
Fenamiphos sulfoxide (metabolite of Fenamiphos)							
Bananas	708	0			0.006 ^		0.1
Basil	343	0			0.002 ^		NT
Cabbage	300	0			0.005 ^		NT
Cauliflower	176	0			0.002 ^		NT
Cilantro	176	0			0.002 ^		NT
Garbanzo Beans, Dried	686	0			0.002 ^		NT
Kiwi Fruit	704	0			0.010 ^		NT
Mustard Greens	595	0			0.002 - 0.010		NT
Orange Juice	191	0			0.003 ^		NT
Radishes	712	0			0.005 ^		NT
Spinach, Canned	204	0			0.003 ^		NT
Spinach, Frozen	102	0			0.003 ^		NT
Sweet Bell Peppers	354	0			0.005 ^		NT
Tomato Paste	74	0			0.003 ^		NT
TOTAL	**5,325**	**0**					
Fenarimol (fungicide)							
Bananas	708	0			0.002 ^		0.25
Basil	343	0			0.002 ^		NT
Cabbage	300	0			0.005 ^		NT
Cauliflower	176	0			0.002 ^		NT
Cilantro	176	0			0.002 ^		NT
Garbanzo Beans, Dried	686	0			0.002 ^		NT
Kiwi Fruit	704	0			0.015 ^		NT
Mustard Greens	595	0			0.002 - 0.015		NT
Orange Juice	191	0			0.001 ^		NT
Radishes	712	0			0.005 ^		NT
Spinach, Canned	375	0			0.001 - 0.005		NT
Spinach, Frozen	189	0			0.001 - 0.005		NT
Sweet Bell Peppers	354	0			0.005 ^		NT
Sweet Peas, Canned	379	0			0.005 ^		NT
Sweet Peas, Frozen	126	0			0.005 ^		NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Tangerines	180	0			0.005 ^		NT
Tomato Paste	189	0			0.001 - 0.005		NT
TOTAL	**6,383**	**0**					
Fenazaquin (insecticide, acaricide)							
Asparagus	298	0			0.005 ^		NT
Cantaloupe	354	0			0.005 ^		0.3
Collard Greens	159	0			0.005 ^		NT
Kiwi Fruit	704	0			0.005 ^		NT
Mustard Greens	275	0			0.005 ^		NT
Orange Juice	191	0			0.001 ^		0.5
Spinach, Canned	346	0			0.001 - 0.005		NT
Spinach, Frozen	189	0			0.001 - 0.005		NT
Strawberries, Frozen	564	4	0.7	0.005 - 0.007	0.005 ^		2
Sweet Peas, Canned	379	0			0.005 ^		NT
Sweet Peas, Frozen	126	0			0.005 ^		NT
Tangerines	180	0			0.005 ^		0.5
Tomato Paste	189	0			0.001 - 0.005		0.3
TOTAL	**3,954**	**4**					
Fenbuconazole (fungicide)							
Asparagus	298	0			0.005 ^		NT
Bananas	708	0			0.002 ^		0.3
Basil	343	0			0.001 ^		NT
Cabbage	300	0			0.005 ^		NT
Cantaloupe	354	0			0.005 ^		NT
Cauliflower	176	0			0.001 ^		NT
Cilantro	176	0			0.001 ^		NT
Collard Greens	187	0			0.005 ^		NT
Garbanzo Beans, Dried	686	0			0.001 ^		NT
Hot Peppers	651	1	0.2	0.003 ^	0.002 ^		1.0
Kiwi Fruit	704	0			0.005 ^		NT
Mustard Greens	595	0			0.001 - 0.005		NT
Orange Juice	191	0			0.001 ^		1.0
Radishes	712	0			0.005 ^		NT
Spinach, Canned	375	0			0.001 ^		NT
Spinach, Frozen	189	0			0.001 ^		NT
Strawberries, Frozen	564	0			0.005 ^		NT
Sweet Bell Peppers	354	0			0.005 ^		1.0
Sweet Peas, Canned	379	0			0.001 ^		NT
Sweet Peas, Frozen	126	0			0.001 ^		NT
Tangerines	180	0			0.001 ^		1.0
Tomato Paste	189	0			0.001 ^		NT
TOTAL	**8,437**	**1**					
Fenchlorphos (insecticide)							
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**571**	**0**					
Fenhexamid (fungicide)							
Asparagus	298	0			0.013 ^		0.02
Cabbage	300	0			0.010 ^		NT
Cantaloupe	354	0			0.013 ^		NT
Collard Greens	187	0			0.013 ^		NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Hot Peppers	651	0			0.010 ^		0.02
Kiwi Fruit	704	26	3.7	0.015 - 2.6	0.015 ^		30
Mustard Greens	275	0			0.015 ^		NT
Orange Juice	191	0			0.010 ^		NT
Radishes	712	0			0.010 ^		NT
Spinach, Canned	375	0			0.010 ^		NT
Spinach, Frozen	189	0			0.010 ^		NT
Strawberries, Frozen	564	50	8.9	0.014 - 0.23	0.013 ^		3.0
Sweet Bell Peppers	354	1	0.3	0.042 ^	0.010 ^		2.0
Sweet Peas, Canned	379	0			0.010 ^		NT
Sweet Peas, Frozen	126	0			0.010 ^		NT
Tangerines	180	0			0.010 ^		NT
Tomato Paste	189	0			0.010 ^		2.0
TOTAL	**6,028**	**77**					
Fenitrothion (insecticide)							
Basil	343	0			0.002 ^		NT
Cauliflower	176	0			0.002 ^		NT
Cilantro	176	0			0.002 ^		NT
Garbanzo Beans, Dried	686	0			0.002 ^		NT
Mustard Greens	320	0			0.002 ^		NT
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**2,272**	**0**					
Fenobucarb - BPMC (insecticide)							
Orange Juice	191	0			0.003 ^		NT
Spinach, Canned	204	0			0.003 ^		NT
Spinach, Frozen	102	0			0.003 ^		NT
Tomato Paste	74	0			0.003 ^		NT
TOTAL	**571**	**0**					
Fenoxaprop ethyl (herbicide)							
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**571**	**0**					
Fenoxycarb (insecticide)							
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**571**	**0**					
Fenpicoxamid (fungicide)							
Bananas	708	0			0.001 ^		0.15
TOTAL	**708**	**0**					
Fenpropathrin (insecticide)							
Asparagus	298	0			0.020 ^		NT
Bananas	708	0			0.004 ^		NT
Basil	343	0			0.002 ^		NT
Cabbage	300	0			0.005 ^		3.0

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Cantaloupe	354	0			0.020 ^		0.5
Cauliflower	176	0			0.002 ^		3.0
Cilantro	176	0			0.002 ^		NT
Collard Greens	187	0			0.020 ^		NT
Garbanzo Beans, Dried	686	0			0.002 ^		NT
Hot Peppers	651	13	2	0.007 - 0.15	0.004 ^		1.0
Kiwi Fruit	704	0			0.020 ^		5.0
Mustard Greens	595	0			0.002 - 0.020		NT
Orange Juice	191	1	0.5	0.001 ^	0.001 ^		2.0
Radishes	712	0			0.005 ^		NT
Spinach, Canned	375	0			0.001 - 0.005		NT
Spinach, Frozen	189	0			0.001 - 0.005		NT
Strawberries, Frozen	564	82	14.5	0.020 - 0.30	0.020 ^		2.0
Sweet Bell Peppers	354	3	0.8	0.009 - 0.031	0.005 ^		1.0
Sweet Peas, Canned	379	0			0.005 ^		0.02
Sweet Peas, Frozen	126	0			0.005 ^		0.02
Tangerines	180	1	0.6	0.005 ^	0.005 ^		2.0
Tomato Paste	189	4	2.1	0.001 - 0.005	0.001 - 0.005		1.0
TOTAL	**8,437**	**104**					
Fenpropidin (fungicide)							
Bananas	708	1	0.1	0.002 ^	0.001 ^		10
Orange Juice	191	0			0.040 ^		NT
Spinach, Canned	204	0			0.040 ^		NT
Spinach, Frozen	102	0			0.040 ^		NT
Tomato Paste	74	0			0.040 ^		NT
TOTAL	**1,279**	**1**					
Fenpropimorph (fungicide)							
Asparagus	298	0			0.001 ^		NT
Bananas	708	85	12	0.005 - 0.026	0.003 ^		2.0
Cabbage	300	0			0.010 ^		NT
Cantaloupe	354	0			0.001 ^		NT
Collard Greens	187	0			0.001 ^		NT
Orange Juice	191	0			0.001 ^		NT
Radishes	712	0			0.010 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Strawberries, Frozen	564	0			0.001 ^		NT
Sweet Bell Peppers	354	0			0.010 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**4,048**	**85**					
Fenpyrazamine (fungicide)							
Orange Juice	191	0			0.003 ^		NT
Spinach, Canned	375	0			0.001 - 0.005		NT
Spinach, Frozen	189	0			0.001 - 0.005		NT
Sweet Peas, Canned	379	0			0.001 ^		NT
Sweet Peas, Frozen	126	0			0.001 ^		NT
Tangerines	180	0			0.001 ^		NT
Tomato Paste	189	0			0.001 - 0.003		NT
TOTAL	**1,629**	**0**					
Fenpyroximate (acaricide)							
Asparagus	298	0			0.005 ^		NT
Basil	343	1	0.3	0.27 ^	0.003 ^	V-1	NT
Cabbage	300	0			0.010 ^		NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Cantaloupe	354	0			0.005 ^		0.10
Cauliflower	176	0			0.001 ^		NT
Cilantro	176	0			0.003 ^		NT
Collard Greens	187	0			0.005 ^		NT
Garbanzo Beans, Dried	686	0			0.001 - 0.003		NT
Hot Peppers	651	26	4	0.002 - 0.075	0.001 ^		0.20
Kiwi Fruit	704	0			0.005 ^		NT
Mustard Greens	595	1	0.2	0.002 ^	0.001 - 0.005	V-1	NT
Orange Juice	191	0			0.001 ^		1.0
Radishes	712	0			0.010 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Strawberries, Frozen	564	75	13.3	0.005 - 0.095	0.005 ^		1.0
Sweet Bell Peppers	354	16	4.5	0.012 - 0.064	0.010 ^		0.20
Tomato Paste	74	0			0.001 ^		0.20
TOTAL	**6,671**	**119**					
Fensulfothion (insecticide, fumigant)							
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**571**	**0**					
Fenthion (insecticide)							
Basil	343	0			0.003 ^		NT
Cabbage	300	0			0.005 ^		NT
Cauliflower	176	0			0.002 ^		NT
Cilantro	176	0			0.003 ^		NT
Garbanzo Beans, Dried	686	0			0.001 - 0.003		NT
Kiwi Fruit	704	0			0.015 ^		NT
Mustard Greens	595	0			0.001 - 0.015		NT
Orange Juice	191	0			0.001 ^		NT
Radishes	712	0			0.005 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Sweet Bell Peppers	354	0			0.005 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**4,617**	**0**					
Fenthion oxygen analog sulfone (metabolite of Fenthion)							
Kiwi Fruit	704	0			0.015 ^		NT
Mustard Greens	275	0			0.015 ^		NT
TOTAL	**979**	**0**					
Fenthion oxygen analog sulfoxide (metabolite of Fenthion)							
Kiwi Fruit	704	0			0.015 ^		NT
Mustard Greens	275	0			0.015 ^		NT
TOTAL	**979**	**0**					
Fenthion sulfone (metabolite of Fenthion)							
Kiwi Fruit	704	0			0.12 ^		NT
Mustard Greens	275	0			0.12 ^		NT
Orange Juice	191	0			0.003 ^		NT
Spinach, Canned	204	0			0.005 ^		NT
Spinach, Frozen	102	0			0.005 ^		NT
Tomato Paste	74	0			0.003 ^		NT
TOTAL	**1,550**	**0**					

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Fenthion sulfoxide (metabolite of Fenthion)							
Kiwi Fruit	704	0			0.020 ^		NT
Mustard Greens	275	0			0.020 ^		NT
Orange Juice	191	0			0.010 ^		NT
Spinach, Canned	204	0			0.010 ^		NT
Spinach, Frozen	102	0			0.010 ^		NT
Tomato Paste	74	0			0.010 ^		NT
TOTAL	**1,550**	**0**					
Fenuron (herbicide)							
Orange Juice	191	0			0.005 ^		NT
Spinach, Canned	204	0			0.005 ^		NT
Spinach, Frozen	102	0			0.005 ^		NT
Tomato Paste	74	0			0.005 ^		NT
TOTAL	**571**	**0**					
Fipronil (insecticide)							
Basil	343	9	2.6	0.002 - 3.3	0.001 ^	V-9	NT
Cabbage	300	0			0.005 ^		NT
Cauliflower	176	0			0.001 ^		NT
Cilantro	176	0			0.001 ^		NT
Garbanzo Beans, Dried	686	0			0.001 ^		NT
Kiwi Fruit	704	0			0.020 ^		NT
Mustard Greens	595	0			0.001 - 0.020		NT
Orange Juice	191	0			0.001 ^		NT
Radishes	712	0			0.005 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Sweet Bell Peppers	354	0			0.005 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**4,617**	**9**					
Fipronil sulfone - MB46136 (metabolite of Fipronil)							
Asparagus	298	0			0.050 ^		NT
Cantaloupe	354	0			0.050 ^		NT
Collard Greens	187	0			0.050 ^		NT
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Strawberries, Frozen	564	0			0.050 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**1,974**	**0**					
Flazasulfuron (herbicide)							
Orange Juice	191	0			0.005 ^		0.01
Spinach, Canned	375	0			0.005 ^		NT
Spinach, Frozen	189	0			0.005 ^		NT
Sweet Peas, Canned	379	0			0.005 ^		NT
Sweet Peas, Frozen	126	0			0.005 ^		NT
Tangerines	180	0			0.005 ^		0.01
Tomato Paste	189	0			0.005 ^		NT
TOTAL	**1,629**	**0**					
Flonicamid (insecticide)							
Asparagus	298	0			0.006 ^		NT
Basil	343	9	2.6	0.006 - 3.8	0.003 ^	V-9	NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Cabbage	300	2	0.7	0.011 - 0.014	0.010 ^		1.5
Cantaloupe	354	27	7.6	0.006 - 0.017	0.006 ^		1.5
Cauliflower	176	0			0.003 ^		1.5
Cilantro	176	2	1.1	0.020 - 0.20	0.003 ^		4.0
Collard Greens	187	7	3.7	0.013 - 0.092	0.006 ^		16
Garbanzo Beans, Dried	686	0			0.001 - 0.003		3.0
Hot Peppers	651	14	2.2	0.033 - 0.22	0.020 ^		3.0
Kiwi Fruit	704	0			0.005 ^		NT
Mustard Greens	595	56	9.4	0.002 - 4.2	0.001 - 0.005		16
Orange Juice	191	0			0.010 ^		1.5
Radishes	712	37	5.2	0.010 - 0.19	0.010 ^		0.60
Spinach, Canned	375	11	2.9	0.077 - 0.72	0.010 - 0.050		9.0
Spinach, Frozen	189	7	3.7	0.019 - 0.29	0.010 - 0.050		9.0
Strawberries, Frozen	564	182	32.3	0.006 - 0.22	0.006 ^		1.5
Sweet Bell Peppers	354	43	12.1	0.011 - 0.30	0.010 ^		3.0
Sweet Peas, Canned	379	0			0.050 ^		7.0
Sweet Peas, Frozen	126	0			0.050 ^		7.0
Tangerines	180	0			0.050 ^		1.5
Tomato Paste	189	0			0.010 - 0.050		2.0
TOTAL	**7,729**	**397**					
Florpyrauxifen-Benzyl (herbicide)							
Orange Juice	191	0			0.010 ^		NT
Spinach, Canned	204	0			0.010 ^		NT
Spinach, Frozen	102	0			0.010 ^		NT
Tomato Paste	74	0			0.010 ^		NT
TOTAL	**571**	**0**					
Fluazifop butyl (herbicide)							
Bananas	708	0			0.001 ^		0.01
Basil	343	0			0.001 ^		NT
Cauliflower	176	0			0.001 ^		NT
Cilantro	176	0			0.001 ^		NT
Garbanzo Beans, Dried	686	0			0.001 ^		50
Kiwi Fruit	704	0			0.005 ^		NT
Mustard Greens	595	0			0.001 - 0.005		NT
Orange Juice	191	0			0.001 ^		0.06
Spinach, Canned	375	0			0.001 - 0.005		NT
Spinach, Frozen	189	0			0.001 - 0.005		NT
Sweet Peas, Canned	379	0			0.005 ^		NT
Sweet Peas, Frozen	126	0			0.005 ^		NT
Tangerines	180	0			0.005 ^		0.03
Tomato Paste	189	0			0.001 - 0.005		NT
TOTAL	**5,017**	**0**					
Fluazinam (fungicide)							
Hot Peppers	651	0			0.007 ^		0.09
Kiwi Fruit	704	0			0.025 ^		NT
Mustard Greens	275	0			0.025 ^		0.01
TOTAL	**1,630**	**0**					
Flubendiamide (insecticide)							
Basil	343	10	2.9	0.002 - 3.3	0.001 - 0.003	V-10	NT
Cantaloupe	295	0			0.004 ^		0.20
Cauliflower	176	1	0.6	0.009 ^	0.003 ^		3.0
Cilantro	176	0			0.001 ^		NT
Collard Greens	127	1	0.8	0.093 ^	0.004 ^		25

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Garbanzo Beans, Dried	686	0			0.001 - 0.006		0.60
Hot Peppers	651	5	0.8	0.010 - 0.18	0.006 ^		0.60
Mustard Greens	595	4	0.7	0.004 - 0.018	0.001 - 0.012		25
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	375	16	4.3	0.001 - 0.74	0.001 - 0.020		11
Spinach, Frozen	189	15	7.9	0.002 - 0.89	0.001 - 0.020		11
Strawberries, Frozen	532	13	2.4	0.004 - 0.039	0.004 ^		1.5
Sweet Peas, Canned	379	0			0.020 ^		0.05
Sweet Peas, Frozen	126	0			0.020 ^		0.05
Tangerines	180	0			0.020 ^		NT
Tomato Paste	189	0			0.001 - 0.020		0.60
TOTAL	**5,210**	**65**					
Flucythrinate (insecticide)							
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**571**	**0**					
Fludioxonil (fungicide)							
Asparagus	298	0			0.025 ^		NT
Basil	343	17	5	0.010 - 0.98	0.006 ^		10
Cabbage	300	0			0.005 ^		2.0
Cantaloupe	354	0			0.025 ^		0.03
Cauliflower	176	0			0.006 ^		2.0
Cilantro	176	2	1.1	0.074 - 0.38	0.006 ^		10
Collard Greens	187	0			0.025 ^		10
Garbanzo Beans, Dried	666	0			0.006 - 0.020		0.4
Hot Peppers	651	1	0.2	0.058 ^	0.005 ^		0.50
Kiwi Fruit	704	52	7.4	0.070 - 3.9	0.065 ^		20
Mustard Greens	595	7	1.2	0.010 - 0.27	0.006 - 0.065		10
Orange Juice	191	0			0.010 ^		10
Radishes	712	2	0.3	0.009 - 0.013	0.005 ^		0.75
Spinach, Canned	375	0			0.005 - 0.010		30
Spinach, Frozen	189	0			0.005 - 0.010		30
Strawberries, Frozen	564	24	4.3	0.026 - 0.18	0.025 ^		3.0
Sweet Bell Peppers	354	8	2.3	0.006 - 0.055	0.005 ^		0.50
Sweet Peas, Canned	379	0			0.005 ^		0.01
Sweet Peas, Frozen	126	0			0.005 ^		0.01
Tangerines	180	53	29.4	0.006 - 0.18	0.005 ^		10
Tomato Paste	189	0			0.005 - 0.010		5.0
TOTAL	**7,709**	**166**					
Fluensulfone (nematicide)							
Hot Peppers	651	0			0.040 ^		0.7
Tangerines	180	0			0.005 ^		0.3
Tomato Paste	115	0			0.005 ^		1.5
TOTAL	**946**	**0**					
Flufenacet (herbicide)							
Cabbage	300	0			0.005 ^		NT
Kiwi Fruit	704	0			0.005 ^		NT
Mustard Greens	275	0			0.005 ^		NT
Orange Juice	191	0			0.001 ^		NT
Radishes	712	0			0.005 ^		NT
Spinach, Canned	375	0			0.001 - 0.005		NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Spinach, Frozen	189	0			0.001 - 0.005		NT
Sweet Bell Peppers	354	0			0.005 ^		NT
Sweet Peas, Canned	379	0			0.005 ^		NT
Sweet Peas, Frozen	126	0			0.005 ^		NT
Tangerines	180	0			0.005 ^		NT
Tomato Paste	189	0			0.001 - 0.005		NT
TOTAL	**3,974**	**0**					
Flufenoxuron (insecticide)							
Asparagus	298	0			0.001 ^		NT
Cantaloupe	354	0			0.001 ^		NT
Collard Greens	187	0			0.001 ^		NT
Orange Juice	191	0			0.001 ^		0.30
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Strawberries, Frozen	564	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**1,974**	**0**					
Flufenpyr ethyl (herbicide)							
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**571**	**0**					
Flumetsulam (herbicide)							
Orange Juice	191	0			0.003 ^		NT
Spinach, Canned	204	0			0.003 ^		NT
Spinach, Frozen	102	0			0.003 ^		NT
Tomato Paste	74	0			0.003 ^		NT
TOTAL	**571**	**0**					
Flumiclorac pentyl (herbicide)							
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**571**	**0**					
Flumioxazin (herbicide)							
Asparagus	298	0			0.010 ^		0.02
Basil	343	0			0.002 - 0.005		NT
Cabbage	300	0			0.005 ^		0.02
Cantaloupe	354	0			0.010 ^		0.03
Cauliflower	176	0			0.003 ^		0.02
Cilantro	176	0			0.002 - 0.005		NT
Collard Greens	187	0			0.010 ^		NT
Garbanzo Beans, Dried	686	7	1	0.005 - 0.013	0.002 - 0.005		0.07
Hot Peppers	651	0			0.12 ^		0.02
Kiwi Fruit	704	0			0.040 ^		NT
Mustard Greens	595	0			0.002 - 0.040		NT
Orange Juice	191	0			0.001 ^		0.02
Radishes	693	0			0.005 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Strawberries, Frozen	564	0			0.010 ^		0.07

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Sweet Bell Peppers	354	0			0.005 ^		0.02
Tangerines	180	0			0.005 ^		0.02
Tomato Paste	189	0			0.001 - 0.005		0.02
TOTAL	**6,947**	**7**					
Fluometuron (herbicide)							
Kiwi Fruit	704	0			0.010 ^		NT
Mustard Greens	275	0			0.010 ^		NT
Orange Juice	191	0			0.003 ^		NT
Spinach, Canned	375	0			0.003 - 0.004		NT
Spinach, Frozen	189	0			0.003 - 0.004		NT
Sweet Peas, Canned	379	0			0.004 ^		NT
Sweet Peas, Frozen	126	0			0.004 ^		NT
Tangerines	180	0			0.004 ^		NT
Tomato Paste	189	0			0.003 - 0.004		NT
TOTAL	**2,608**	**0**					
Fluopicolide (fungicide)							
Asparagus	298	0			0.005 ^		NT
Basil	343	31	9	0.003 - 0.16	0.003 ^		40
Cabbage	300	0			0.010 ^		5.0
Cantaloupe	354	0			0.005 ^		0.50
Cauliflower	176	2	1.1	0.002 ^	0.001 ^		5.0
Cilantro	176	2	1.1	0.004 - 0.007	0.003 ^		25
Collard Greens	187	55	29.4	0.005 - 1.2	0.005 ^		18
Garbanzo Beans, Dried	686	0			0.001 - 0.003		NT
Hot Peppers	651	42	6.5	0.003 - 0.11	0.002 ^		1.6
Kiwi Fruit	704	0			0.015 ^		NT
Mustard Greens	595	146	24.5	0.002 - 4.6	0.001 - 0.015		18
Orange Juice	191	0			0.001 ^		0.01
Radishes	712	16	2.2	0.010 - 0.13	0.010 ^		0.15
Spinach, Canned	375	0			0.001 - 0.002		25
Spinach, Frozen	189	36	19	0.001 - 0.84	0.001 - 0.002		25
Strawberries, Frozen	564	4	0.7	0.007 - 0.027	0.005 ^	V-4	NT
Sweet Bell Peppers	354	7	2	0.010 - 0.017	0.010 ^		1.6
Sweet Peas, Canned	379	0			0.002 ^		NT
Sweet Peas, Frozen	126	0			0.002 ^		NT
Tangerines	180	0			0.010 ^		0.01
Tomato Paste	189	0			0.001 - 0.010		1.6
TOTAL	**7,729**	**341**					
Fluopyram (fungicide)							
Asparagus	298	0			0.005 ^		NT
Bananas	708	2	0.3	0.003 ^	0.002 ^		1.0
Basil	343	28	8.2	0.002 - 0.17	0.001 ^		40
Cabbage	300	5	1.7	0.011 - 0.018	0.010 ^		4.0
Cantaloupe	354	15	4.2	0.005 - 0.014	0.005 ^		1.0
Cauliflower	176	3	1.7	0.002 ^	0.001 ^		4.0
Cilantro	176	15	8.5	0.002 - 0.36	0.001 ^		40
Collard Greens	187	23	12.3	0.005 - 0.18	0.005 ^		50
Garbanzo Beans, Dried	686	0			0.001 ^		0.70
Hot Peppers	651	69	10.6	0.003 - 0.13	0.002 ^		4.0
Kiwi Fruit	704	0			0.005 ^		NT
Mustard Greens	595	122	20.5	0.002 - 1.1	0.001 - 0.005		50
Orange Juice	191	0			0.001 ^		1.0
Radishes	712	2	0.3	0.046 ^	0.010 ^		0.30
Spinach, Canned	375	0			0.001 - 0.002		40

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Spinach, Frozen	189	1	0.5	0.002 ^	0.001 - 0.002		40
Strawberries, Frozen	564	104	18.4	0.005 - 0.24	0.005 ^		2.0
Sweet Bell Peppers	354	19	5.4	0.011 - 0.11	0.010 ^		4.0
Sweet Peas, Canned	379	0			0.002 ^		0.20
Sweet Peas, Frozen	126	0			0.002 ^		0.20
Tangerines	180	0			0.002 ^		1.0
Tomato Paste	189	27	14.3	0.001 - 0.009	0.001 - 0.002		1.0
TOTAL	**8,437**	**435**					
Fluorodifen (herbicide)							
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**571**	**0**					
Fluoxastrobin (fungicide)							
Basil	343	1	0.3	0.005 ^	0.001 - 0.003	V-1	NT
Cabbage	300	0			0.002 ^		NT
Cauliflower	176	0			0.001 ^		NT
Cilantro	176	0			0.001 - 0.003		NT
Garbanzo Beans, Dried	686	0			0.001 - 0.003		0.20
Hot Peppers	651	3	0.5	0.005 ^	0.003 ^		1.0
Kiwi Fruit	704	0			0.015 ^		NT
Mustard Greens	595	0			0.001 - 0.015		NT
Orange Juice	191	0			0.001 ^		NT
Radishes	712	0			0.002 ^		NT
Spinach, Canned	375	0			0.001 ^		NT
Spinach, Frozen	189	0			0.001 ^		NT
Sweet Bell Peppers	354	1	0.3	0.010 ^	0.002 ^		1.0
Sweet Peas, Canned	379	0			0.001 ^		NT
Sweet Peas, Frozen	126	0			0.001 ^		NT
Tangerines	180	0			0.005 ^		NT
Tomato Paste	189	0			0.001 - 0.005		1.5
TOTAL	**6,326**	**5**					
Flupyradifurone (insecticide)							
Basil	343	37	10.8	0.002 - 7.8	0.001 ^	V-37	NT
Cauliflower	176	25	14.2	0.002 - 0.010	0.001 ^		6.0
Cilantro	176	29	16.5	0.002 - 3.9	0.001 ^		30
Garbanzo Beans, Dried	686	0			0.001 ^		3.0
Hot Peppers	651	5	0.8	0.033 - 0.12	0.020 ^		1.5
Kiwi Fruit	704	0			0.10 ^		NT
Mustard Greens	595	88	14.8	0.003 - 6.4	0.003 - 0.10		40
Orange Juice	191	0			0.001 ^		3.0
Spinach, Canned	375	31	8.3	0.001 - 2.1	0.001 - 0.005		30
Spinach, Frozen	189	33	17.5	0.001 - 0.93	0.001 - 0.005		30
Sweet Peas, Canned	379	0			0.005 ^		2.0
Sweet Peas, Frozen	126	0			0.005 ^		2.0
Tangerines	180	3	1.7	0.011 - 0.024	0.005 ^		3.0
Tomato Paste	189	0			0.001 - 0.005		1.5
TOTAL	**4,960**	**251**					
Fluquinconazole (fungicide)							
Asparagus	298	0			0.010 ^		NT
Cabbage	300	0			0.010 ^		NT
Cantaloupe	354	0			0.010 ^		NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Collard Greens	187	0			0.010 ^		NT
Orange Juice	191	0			0.001 ^		NT
Radishes	712	0			0.010 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Strawberries, Frozen	564	0			0.010 ^		NT
Sweet Bell Peppers	354	0			0.010 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**3,340**	**0**					
Fluridone (herbicide)							
Asparagus	298	0			0.001 ^		NT
Basil	343	0			0.001 ^		NT
Cabbage	300	0			0.010 ^		0.1
Cantaloupe	354	0			0.001 ^		0.1
Cauliflower	176	0			0.001 ^		0.1
Cilantro	176	0			0.001 ^		NT
Collard Greens	187	0			0.001 ^		0.1
Garbanzo Beans, Dried	686	0			0.001 ^		0.1
Hot Peppers	651	0			0.002 ^		0.1
Kiwi Fruit	704	0			0.005 ^		0.1
Mustard Greens	595	0			0.001 - 0.005		0.1
Orange Juice	191	0			0.001 ^		0.1
Radishes	712	0			0.010 ^		0.1
Spinach, Canned	375	0			0.001 - 0.002		0.1
Spinach, Frozen	189	0			0.001 - 0.002		0.1
Strawberries, Frozen	564	0			0.001 ^		0.1
Sweet Bell Peppers	354	0			0.010 ^		0.1
Sweet Peas, Canned	379	0			0.002 ^		0.1
Sweet Peas, Frozen	126	0			0.002 ^		0.1
Tangerines	180	0			0.002 ^		0.1
Tomato Paste	189	0			0.001 - 0.002		0.1
TOTAL	**7,729**	**0**					
Flusilazole (fungicide)							
Asparagus	298	0			0.010 ^		NT
Cabbage	300	0			0.010 ^		NT
Cantaloupe	354	0			0.010 ^		NT
Kiwi Fruit	704	0			0.010 ^		NT
Mustard Greens	275	0			0.010 ^		NT
Orange Juice	191	0			0.001 ^		NT
Radishes	712	0			0.010 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Strawberries, Frozen	564	0			0.010 ^		NT
Sweet Bell Peppers	354	0			0.010 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**4,132**	**0**					
Fluthiacet methyl (herbicide)							
Kiwi Fruit	704	0			0.010 ^		NT
Mustard Greens	275	0			0.010 ^		NT
Orange Juice	191	0			0.003 ^		NT
Spinach, Canned	375	0			0.003 - 0.005		NT
Spinach, Frozen	189	0			0.003 - 0.005		NT
Sweet Peas, Canned	379	0			0.005 ^		NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Sweet Peas, Frozen	126	0			0.005 ^		NT
Tangerines	180	0			0.005 ^		NT
Tomato Paste	189	0			0.003 - 0.005		NT
TOTAL	**2,608**	**0**					
Flutolanil (fungicide)							
Asparagus	298	0			0.002 ^		NT
Cantaloupe	354	0			0.002 ^		NT
Collard Greens	187	0			0.002 ^		0.1
Mustard Greens	275	0			0.005 ^		0.1
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Strawberries, Frozen	564	0			0.002 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**2,249**	**0**					
Flutriafol (fungicide)							
Asparagus	298	0			0.010 ^		NT
Bananas	708	0			0.002 ^		0.30
Basil	343	7	2	0.004 - 0.053	0.003 ^	V-7	NT
Cantaloupe	354	9	2.5	0.010 - 0.034	0.010 ^		0.30
Cauliflower	176	0			0.001 ^		1.5
Cilantro	176	0			0.003 - 0.006		10
Collard Greens	187	7	3.7	0.012 - 0.28	0.010 ^		7.0
Garbanzo Beans, Dried	686	0			0.001 - 0.003		NT
Hot Peppers	651	20	3.1	0.003 - 0.18	0.002 ^		1.0
Kiwi Fruit	704	0			0.025 ^		NT
Mustard Greens	595	18	3	0.002 - 2.4	0.001 - 0.025		7.0
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	375	64	17.1	0.001 - 0.17	0.001 - 0.002		10
Spinach, Frozen	189	13	6.9	0.002 - 1.2	0.001 - 0.002		10
Strawberries, Frozen	564	21	3.7	0.010 - 0.043	0.010 ^		1.5
Sweet Peas, Canned	379	0			0.002 ^		NT
Sweet Peas, Frozen	126	0			0.002 ^		NT
Tangerines	180	0			0.002 ^		NT
Tomato Paste	189	0			0.001 - 0.002		1.5
TOTAL	**7,071**	**159**					
Fluvalinate (insecticide)							
Asparagus	298	0			0.050 ^		NT
Bananas	708	0			0.002 ^		NT
Cabbage	300	0			0.005 ^		NT
Cantaloupe	354	0			0.050 ^		NT
Collard Greens	187	0			0.050 ^		NT
Hot Peppers	651	0			0.002 ^		NT
Kiwi Fruit	704	0			0.035 ^		NT
Mustard Greens	275	0			0.035 ^		NT
Orange Juice	191	0			0.001 ^		NT
Radishes	712	0			0.005 ^		NT
Spinach, Canned	374	0			0.001 - 0.050		NT
Spinach, Frozen	189	0			0.001 - 0.050		NT
Strawberries, Frozen	564	0			0.050 ^		NT
Sweet Bell Peppers	354	0			0.005 ^		NT
Sweet Peas, Canned	379	0			0.050 ^		NT
Sweet Peas, Frozen	126	0			0.050 ^		NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Tangerines	180	0			0.050 ^		NT
Tomato Paste	189	0			0.001 - 0.050		NT
TOTAL	**6,735**	**0**					
Fluxapyroxad (fungicide)							
Bananas	708	0			0.002 ^		3.0
Basil	343	12	3.5	0.004 - 0.16	0.003 ^	V-12	NT
Cauliflower	176	0			0.003 ^		4.0
Cilantro	176	3	1.7	0.004 - 0.074	0.003 ^		30
Garbanzo Beans, Dried	686	30	4.4	0.002 - 0.005	0.001 - 0.003		0.4
Hot Peppers	651	28	4.3	0.003 - 0.26	0.002 ^		0.7
Kiwi Fruit	704	0			0.010 ^		NT
Mustard Greens	595	7	1.2	0.002 - 0.044	0.001 - 0.010		4.0
Orange Juice	191	0			0.001 ^		1.0
Spinach, Canned	375	18	4.8	0.001 - 0.26	0.001 - 0.005		30
Spinach, Frozen	189	16	8.5	0.002 - 0.89	0.001 - 0.005		30
Sweet Peas, Canned	379	0			0.005 ^		0.5
Sweet Peas, Frozen	126	4	3.2	0.005 - 0.009	0.005 ^		0.5
Tangerines	180	0			0.005 ^		1.0
Tomato Paste	189	44	23.3	0.001 - 0.017	0.001 - 0.005		0.7
TOTAL	**5,668**	**162**					
Folpet (fungicide)							
Cantaloupe	236	0			0.030 ^		3.0
Strawberries, Frozen	407	0			0.030 ^		5.0
Sweet Bell Peppers	334	0			0.015 ^		NT
TOTAL	**977**	**0**					
Fomesafen (herbicide)							
Hot Peppers	651	0			0.030 ^		0.025
Spinach, Canned	171	0			0.005 ^		NT
Spinach, Frozen	87	0			0.005 ^		NT
Sweet Peas, Canned	379	0			0.005 ^		0.05
Sweet Peas, Frozen	126	0			0.005 ^		0.05
Tangerines	180	0			0.005 ^		NT
TOTAL	**1,594**	**0**					
Fonofos (insecticide)							
Basil	343	0			0.001 ^		NT
Cabbage	300	0			0.005 ^		NT
Cauliflower	176	0			0.003 ^		NT
Cilantro	176	0			0.001 ^		NT
Garbanzo Beans, Dried	686	0			0.001 ^		NT
Kiwi Fruit	704	0			0.030 ^		NT
Mustard Greens	595	0			0.001 - 0.030		NT
Orange Juice	191	0			0.001 ^		NT
Radishes	712	0			0.005 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Sweet Bell Peppers	354	0			0.005 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**4,617**	**0**					
Foramsulfuron (herbicide)							
Orange Juice	191	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**265**	**0**					

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Forchlorfenuron (plant growth regulator)							
Cabbage	300	0			0.002 ^		NT
Kiwi Fruit	704	11	1.6	0.005 - 0.012	0.005 ^		0.04
Mustard Greens	275	0			0.005 ^		NT
Orange Juice	191	0			0.001 ^		NT
Radishes	712	0			0.002 ^		NT
Spinach, Canned	375	0			0.001 ^		NT
Spinach, Frozen	189	0			0.001 ^		NT
Sweet Bell Peppers	354	0			0.002 ^		NT
Sweet Peas, Canned	379	0			0.001 ^		NT
Sweet Peas, Frozen	126	0			0.001 ^		NT
Tangerines	180	0			0.001 ^		NT
Tomato Paste	189	0			0.001 ^		NT
TOTAL	**3,974**	**11**					
Formetanate hydrochloride (insecticide)							
Cabbage	300	0			0.010 ^		NT
Kiwi Fruit	704	0			0.010 ^		NT
Mustard Greens	275	0			0.010 ^		NT
Orange Juice	191	0			0.001 ^		1.5
Radishes	712	0			0.010 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Sweet Bell Peppers	354	0			0.010 ^		NT
Tangerines	180	1	0.6	0.015 ^	0.005 ^		0.03
Tomato Paste	189	0			0.001 - 0.005		NT
TOTAL	**3,211**	**1**					
Fosthiazate (nematicide)							
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		0.02
TOTAL	**571**	**0**					
Furalaxyl (fungicide)							
Orange Juice	191	0			0.005 ^		NT
Spinach, Canned	204	0			0.005 ^		NT
Spinach, Frozen	102	0			0.005 ^		NT
Tomato Paste	74	0			0.005 ^		NT
TOTAL	**571**	**0**					
Furathiocarb (insecticide)							
Cabbage	300	0			0.010 ^		NT
Radishes	712	0			0.010 ^		NT
Sweet Bell Peppers	354	0			0.010 ^		NT
TOTAL	**1,366**	**0**					
Halosulfuron (herbicide)							
Kiwi Fruit	704	0			0.050 ^		NT
Mustard Greens	275	0			0.050 ^		NT
Spinach, Canned	171	0			0.010 ^		NT
Spinach, Frozen	87	0			0.010 ^		NT
Sweet Peas, Canned	379	0			0.010 ^		0.05
Sweet Peas, Frozen	126	0			0.010 ^		0.05

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Tangerines	180	0			0.010 ^		NT
Tomato Paste	115	0			0.010 ^		0.05
TOTAL	**2,037**	**0**					
Halosulfuron methyl [2] (herbicide)							
Cabbage	300	0			0.010 ^		NT
Orange Juice	191	0			0.001 ^		NT
Radishes	712	0			0.010 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Sweet Bell Peppers	354	0			0.010 ^		0.05
Tomato Paste	74	0			0.001 ^		0.05
TOTAL	**1,937**	**0**					
Heptenophos (insecticide, acaricide)							
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**571**	**0**					
Hexaconazole (fungicide)							
Cabbage	300	0			0.010 ^		NT
Orange Juice	191	0			0.005 ^		NT
Radishes	712	0			0.010 ^		NT
Spinach, Canned	204	0			0.005 ^		NT
Spinach, Frozen	102	0			0.005 ^		NT
Sweet Bell Peppers	354	0			0.010 ^		NT
Tomato Paste	74	0			0.005 ^		NT
TOTAL	**1,937**	**0**					
Hexazinone (herbicide)							
Kiwi Fruit	704	0			0.005 ^		NT
Mustard Greens	275	0			0.005 ^		NT
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**1,550**	**0**					
Hexythiazox (insecticide, acaricide)							
Asparagus	298	0			0.002 ^		NT
Basil	343	0			0.006 ^		NT
Cabbage	300	0			0.010 ^		NT
Cantaloupe	354	0			0.002 ^		NT
Cauliflower	176	0			0.002 ^		NT
Cilantro	176	0			0.006 ^		NT
Collard Greens	187	0			0.002 ^		NT
Garbanzo Beans, Dried	686	0			0.002 - 0.006		0.4
Hot Peppers	651	0			0.010 ^		1.5
Kiwi Fruit	704	0			0.015 ^		NT
Mustard Greens	595	0			0.002 - 0.015		NT
Orange Juice	191	0			0.001 ^		0.6
Radishes	712	0			0.010 ^		NT
Spinach, Canned	346	0			0.001 - 0.005		NT
Spinach, Frozen	189	0			0.001 - 0.005		NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Strawberries, Frozen	564	86	15.2	0.002 - 0.042	0.002 ^		6
Sweet Bell Peppers	354	1	0.3	0.014 ^	0.010 ^		1.5
Sweet Peas, Canned	379	0			0.005 ^		0.3
Sweet Peas, Frozen	126	0			0.005 ^		0.3
Tangerines	180	0			0.010 ^		0.6
Tomato Paste	189	0			0.001 - 0.010		0.50
TOTAL	**7,700**	**87**					
Hydroprene (insect growth regulator)							
Bananas	708	0			0.008 ^		0.2
Basil	343	0			0.002 ^		0.2
Cauliflower	176	0			0.002 ^		0.2
Cilantro	176	0			0.002 ^		0.2
Garbanzo Beans, Dried	686	0			0.002 ^		0.2
Hot Peppers	651	0			0.008 ^		0.2
Kiwi Fruit	704	0			0.015 ^		0.2
Mustard Greens	595	0			0.002 - 0.015		0.2
Orange Juice	191	0			0.003 ^		0.2
Spinach, Canned	375	0			0.003 - 0.005		0.2
Spinach, Frozen	189	0			0.003 - 0.005		0.2
Sweet Peas, Canned	379	0			0.005 ^		0.2
Sweet Peas, Frozen	126	0			0.005 ^		0.2
Tangerines	180	0			0.005 ^		0.2
Tomato Paste	189	0			0.003 - 0.005		0.2
TOTAL	**5,668**	**0**					
3-Hydroxycarbofuran (metabolite of Carbofuran)							
Asparagus	298	0			0.003 ^		NT
Bananas	708	0			0.008 ^		0.1
Basil	343	0			0.004 ^		NT
Cabbage	300	0			0.010 ^		NT
Cantaloupe	354	0			0.003 ^		NT
Cauliflower	176	0			0.004 ^		NT
Cilantro	176	0			0.004 ^		NT
Collard Greens	187	0			0.003 ^		NT
Garbanzo Beans, Dried	686	0			0.004 ^		NT
Hot Peppers	651	1	0.2	0.013 ^	0.008 ^	V-1	NT
Kiwi Fruit	704	0			0.005 ^		NT
Mustard Greens	595	0			0.004 - 0.005		NT
Orange Juice	191	0			0.001 ^		NT
Radishes	712	0			0.010 ^		NT
Spinach, Canned	375	0			0.001 - 0.004		NT
Spinach, Frozen	189	0			0.001 - 0.004		NT
Strawberries, Frozen	564	0			0.003 ^		NT
Sweet Bell Peppers	354	0			0.010 ^		NT
Sweet Peas, Canned	379	0			0.004 ^		NT
Sweet Peas, Frozen	126	0			0.004 ^		NT
Tangerines	180	0			0.020 ^		NT
Tomato Paste	189	0			0.001 - 0.020		NT
TOTAL	**8,437**	**1**					
5-Hydroxythiabendazole (metabolite of Thiabendazole)							
Kiwi Fruit	704	0			0.005 ^		NT
Mustard Greens	275	0			0.005 ^		NT
Orange Juice	191	4	2.1	0.001 - 0.004	0.001 ^		10.0
Spinach, Canned	204	0			0.001 ^		0.02

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Spinach, Frozen	102	0			0.001 ^		0.02
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**1,550**	**4**					
Imazalil (fungicide)							
Asparagus	298	0			0.010 ^		NT
Bananas	708	95	13.4	0.007 - 0.10	0.004 ^		3.0
Basil	343	0			0.001 - 0.003		NT
Cabbage	300	0			0.010 ^		NT
Cantaloupe	354	0			0.010 ^		NT
Cauliflower	176	0			0.001 ^		NT
Cilantro	176	0			0.001 ^		NT
Collard Greens	187	0			0.010 ^		NT
Garbanzo Beans, Dried	686	0			0.001 ^		NT
Kiwi Fruit	704	0			0.005 ^		NT
Mustard Greens	595	2	0.3	0.004 ^	0.001 - 0.005	V-2	NT
Orange Juice	191	38	19.9	0.003 - 0.083	0.003 ^		10.0
Radishes	712	0			0.010 ^		NT
Spinach, Canned	375	0			0.003 - 0.005		NT
Spinach, Frozen	189	0			0.003 - 0.005		NT
Strawberries, Frozen	564	0			0.010 ^		NT
Sweet Bell Peppers	354	0			0.010 ^		NT
Sweet Peas, Canned	379	0			0.005 ^		NT
Sweet Peas, Frozen	126	0			0.005 ^		NT
Tangerines	180	171	95	0.006 - 1.2	0.005 ^		10.0
Tomato Paste	189	0			0.003 - 0.005		NT
TOTAL	**7,786**	**306**					
Imazethapyr (herbicide)							
Asparagus	298	0			0.020 ^		NT
Cantaloupe	354	0			0.020 ^		NT
Collard Greens	187	0			0.020 ^		NT
Strawberries, Frozen	564	0			0.020 ^		NT
TOTAL	**1,403**	**0**					
Imazosulfuron (herbicide)							
Hot Peppers	651	0			0.005 ^		0.02
Kiwi Fruit	704	0			0.025 ^		NT
Mustard Greens	275	0			0.025 ^		NT
Orange Juice	191	0			0.003 ^		NT
Spinach, Canned	204	0			0.003 ^		NT
Spinach, Frozen	102	0			0.003 ^		NT
Tomato Paste	74	0			0.003 ^		0.02
TOTAL	**2,201**	**0**					
Imidacloprid (insecticide)							
Asparagus	298	0			0.003 ^		NT
Bananas	708	0			0.050 ^		0.50
Basil	343	176	51.3	0.002 - 105	0.001 ^	X-9	8.0
Cabbage	300	21	7	0.010 - 0.033	0.010 ^		3.5
Cantaloupe	354	82	23.2	0.003 - 0.14	0.003 ^		0.5
Cauliflower	176	43	24.4	0.003 - 0.036	0.003 ^		3.5
Cilantro	176	38	21.6	0.002 - 0.59	0.001 ^		8.0
Collard Greens	187	57	30.5	0.003 - 0.23	0.003 ^		3.5
Garbanzo Beans, Dried	686	3	0.4	0.002 - 0.033	0.001 ^		4.0
Hot Peppers	651	13	2	0.083 - 0.24	0.050 ^		1.0
Kiwi Fruit	704	0			0.020 ^		NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Mustard Greens	595	162	27.2	0.002 - 3.2	0.001 - 0.020		3.5
Orange Juice	191	1	0.5	0.009 ^	0.003 ^		0.70
Radishes	712	19	2.7	0.011 - 0.089	0.010 ^		0.40
Spinach, Canned	375	21	5.6	0.003 - 0.030	0.003 - 0.005		3.5
Spinach, Frozen	189	23	12.2	0.003 - 0.15	0.003 - 0.005		3.5
Strawberries, Frozen	564	95	16.8	0.004 - 0.066	0.003 ^		0.50
Sweet Bell Peppers	354	64	18.1	0.010 - 0.19	0.010 ^		1.0
Sweet Peas, Canned	379	2	0.5	0.020 - 0.021	0.005 ^		4.0
Sweet Peas, Frozen	126	0			0.005 ^		4.0
Tangerines	180	9	5	0.010 - 0.043	0.010 ^		0.70
Tomato Paste	189	65	34.4	0.003 - 0.029	0.003 - 0.010		6.0
TOTAL	**8,437**	**894**					
Imidacloprid urea (metabolite of Imidacloprid)							
Kiwi Fruit	704	0			0.015 ^		NT
Mustard Greens	275	1	0.4	0.18 ^	0.015 ^		3.5
Orange Juice	191	0			0.001 ^		0.70
Tomato Paste	74	0			0.001 ^		6.0
TOTAL	**1,244**	**1**					
Imiprothrin (insecticide)							
Asparagus	298	0			0.010 ^		NT
Bananas	708	0			0.010 ^		NT
Cabbage	300	0			0.010 ^		NT
Cantaloupe	354	0			0.010 ^		NT
Collard Greens	187	0			0.010 ^		NT
Hot Peppers	651	0			0.010 ^		NT
Kiwi Fruit	704	0			0.095 ^		NT
Mustard Greens	275	0			0.095 ^		NT
Orange Juice	191	0			0.010 ^		NT
Radishes	712	0			0.010 ^		NT
Spinach, Canned	375	0			0.010 - 0.10		NT
Spinach, Frozen	189	0			0.010 - 0.10		NT
Strawberries, Frozen	564	0			0.010 ^		NT
Sweet Bell Peppers	354	0			0.010 ^		NT
Sweet Peas, Canned	379	0			0.10 ^		NT
Sweet Peas, Frozen	126	0			0.10 ^		NT
Tangerines	180	0			0.40 ^		NT
Tomato Paste	189	0			0.010 - 0.40		NT
TOTAL	**6,736**	**0**					
Indaziflam (herbicide)							
Asparagus	298	0			0.001 ^		NT
Bananas	708	0			0.001 ^		0.01
Cantaloupe	354	0			0.001 ^		NT
Collard Greens	187	0			0.001 ^		NT
Orange Juice	191	0			0.001 ^		0.01
Spinach, Canned	375	0			0.001 ^		NT
Spinach, Frozen	189	0			0.001 ^		NT
Strawberries, Frozen	564	0			0.001 ^		NT
Sweet Peas, Canned	379	0			0.001 ^		NT
Sweet Peas, Frozen	126	0			0.001 ^		NT
Tangerines	180	0			0.001 ^		0.01
Tomato Paste	189	0			0.001 ^		NT
TOTAL	**3,740**	**0**					

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Indoxacarb (insecticide)							
Asparagus	298	0			0.020 ^		NT
Cabbage	300	1	0.3	0.024 ^	0.010 ^		12
Cantaloupe	354	0			0.020 ^		0.60
Collard Greens	187	14	7.5	0.022 - 0.84	0.020 ^		12
Hot Peppers	651	3	0.5	0.010 - 0.025	0.006 ^		0.50
Kiwi Fruit	704	0			0.025 ^		NT
Mustard Greens	275	5	1.8	0.065 - 0.46	0.025 ^		12
Orange Juice	191	0			0.005 ^		NT
Radishes	712	1	0.1	0.020 ^	0.010 ^	V-1	NT
Spinach, Canned	375	37	9.9	0.006 - 2.2	0.005 - 0.050		14
Spinach, Frozen	131	8	6.1	0.005 - 0.14	0.005 - 0.050		14
Strawberries, Frozen	564	0			0.020 ^		NT
Sweet Bell Peppers	354	3	0.8	0.014 - 0.025	0.010 ^		0.50
Sweet Peas, Canned	379	0			0.050 ^		NT
Sweet Peas, Frozen	126	0			0.050 ^		NT
Tangerines	180	0			0.050 ^		NT
Tomato Paste	189	3	1.6	0.005 - 0.011	0.005 - 0.050		0.50
TOTAL	**5,970**	**75**					
Ipconazole (fungicide)							
Kiwi Fruit	704	0			0.005 ^		NT
Mustard Greens	275	0			0.005 ^		NT
Orange Juice	191	0			0.003 ^		NT
Spinach, Canned	375	0			0.003 - 0.010		NT
Spinach, Frozen	189	0			0.003 - 0.010		NT
Sweet Peas, Canned	379	0			0.010 ^		0.01
Sweet Peas, Frozen	126	0			0.010 ^		0.01
Tangerines	180	0			0.010 ^		NT
Tomato Paste	189	0			0.003 - 0.010		NT
TOTAL	**2,608**	**0**					
Iprobenfos - IBP (fungicide)							
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**571**	**0**					
Iprodione (fungicide)							
Asparagus	298	0			0.040 ^		NT
Basil	343	8	2.3	0.015 - 4.1	0.009 ^	V-8	NT
Cabbage	300	0			0.005 ^		NT
Cantaloupe	354	0			0.040 ^		NT
Cauliflower	176	0			0.009 ^		NT
Cilantro	176	0			0.009 ^		NT
Collard Greens	187	0			0.040 ^		NT
Garbanzo Beans, Dried	665	0			0.009 - 0.030		2.0
Kiwi Fruit	704	38	5.4	0.025 - 0.14	0.025 ^		10.0
Mustard Greens	595	1	0.2	0.76 ^	0.009 - 0.025		15.0
Orange Juice	191	0			0.003 ^		NT
Radishes	712	0			0.005 ^		NT
Spinach, Canned	374	0			0.005 - 0.075		NT
Spinach, Frozen	189	0			0.005 - 0.075		NT
Strawberries, Frozen	564	19	3.4	0.041 - 0.17	0.040 ^		15.0
Sweet Bell Peppers	354	0			0.005 ^		NT
Sweet Peas, Canned	379	0			0.075 ^		NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Sweet Peas, Frozen	126	0			0.075 ^		NT
Tangerines	180	0			0.075 ^		NT
Tomato Paste	189	0			0.003 - 0.075		NT
TOTAL	**7,056**	**66**					
Iprovalicarb (fungicide)							
Kiwi Fruit	704	0			0.010 ^		NT
Mustard Greens	275	0			0.010 ^		NT
Orange Juice	191	0			0.003 ^		NT
Spinach, Canned	204	0			0.003 ^		NT
Spinach, Frozen	102	0			0.003 ^		NT
Tangerines	180	0			0.005 ^		NT
Tomato Paste	189	0			0.003 - 0.005		1.0
TOTAL	**1,845**	**0**					
Isocarbophos (insecticide)							
Orange Juice	191	0			0.003 ^		NT
Spinach, Canned	204	0			0.003 ^		NT
Spinach, Frozen	102	0			0.003 ^		NT
Tomato Paste	74	0			0.003 ^		NT
TOTAL	**571**	**0**					
Isofenphos (insecticide)							
Cabbage	300	0			0.005 ^		NT
Orange Juice	191	0			0.003 ^		NT
Radishes	712	0			0.005 ^		NT
Spinach, Canned	204	0			0.003 ^		NT
Spinach, Frozen	102	0			0.003 ^		NT
Sweet Bell Peppers	354	0			0.005 ^		NT
Tomato Paste	74	0			0.003 ^		NT
TOTAL	**1,937**	**0**					
Isofenphos methyl (metabolite if Isofenphos)							
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**571**	**0**					
Isofetamid (fungicide)							
Spinach, Canned	171	0			0.001 ^		NT
Spinach, Frozen	87	0			0.001 ^		NT
Sweet Peas, Canned	379	0			0.001 ^		0.030
Sweet Peas, Frozen	126	0			0.001 ^		0.030
Tangerines	180	0			0.002 ^		NT
Tomato Paste	115	0			0.002 ^		NT
TOTAL	**1,058**	**0**					
Isoprocarb (insecticide)							
Orange Juice	191	0			0.005 ^		NT
Spinach, Canned	204	0			0.005 ^		NT
Spinach, Frozen	102	0			0.005 ^		NT
Tomato Paste	74	0			0.005 ^		NT
TOTAL	**571**	**0**					

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Isopropalin (herbicide)							
Orange Juice	191	0			0.010 ^		NT
Tomato Paste	74	0			0.010 ^		NT
TOTAL	**265**	**0**					
Isoprothiolane (fungicide)							
Cabbage	300	0			0.005 ^		NT
Orange Juice	191	0			0.001 ^		NT
Radishes	712	0			0.005 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Sweet Bell Peppers	354	0			0.005 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**1,937**	**0**					
Isoproturon (herbicide)							
Orange Juice	191	0			0.003 ^		NT
Spinach, Canned	204	0			0.003 ^		NT
Spinach, Frozen	102	0			0.003 ^		NT
Tomato Paste	74	0			0.003 ^		NT
TOTAL	**571**	**0**					
Isopyrazam (fungicide)							
Bananas	708	0			0.003 ^		0.05
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Tangerines	180	0			0.005 ^		NT
Tomato Paste	189	0			0.001 - 0.005		0.50
TOTAL	**1,574**	**0**					
Isoxadifen ethyl (herbicide safener)							
Kiwi Fruit	704	0			0.005 ^		NT
Mustard Greens	275	0			0.005 ^		NT
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	375	0			0.001 - 0.005		NT
Spinach, Frozen	189	0			0.001 - 0.005		NT
Sweet Peas, Canned	379	0			0.005 ^		NT
Sweet Peas, Frozen	126	0			0.005 ^		NT
Tangerines	180	0			0.005 ^		NT
Tomato Paste	189	0			0.001 - 0.005		NT
TOTAL	**2,608**	**0**					
Kinoprene (insecticide)							
Kiwi Fruit	704	0			0.10 ^		NT
Mustard Greens	275	0			0.050 ^		NT
TOTAL	**979**	**0**					
Kresoxim-methyl (fungicide)							
Asparagus	298	0			0.010 ^		NT
Basil	343	0			0.002 ^		NT
Cantaloupe	354	0			0.010 ^		0.40
Cauliflower	176	0			0.002 ^		NT
Cilantro	176	0			0.002 ^		NT
Collard Greens	187	0			0.010 ^		NT
Garbanzo Beans, Dried	686	0			0.002 ^		NT
Kiwi Fruit	704	0			0.015 ^		NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Mustard Greens	595	0			0.002 - 0.015		NT
Orange Juice	191	0			0.005 ^		NT
Spinach, Canned	375	0			0.005 ^		NT
Spinach, Frozen	189	0			0.005 ^		NT
Strawberries, Frozen	564	0			0.010 ^		NT
Sweet Peas, Canned	379	0			0.005 ^		NT
Sweet Peas, Frozen	126	0			0.005 ^		NT
Tangerines	180	0			0.005 ^		NT
Tomato Paste	189	0			0.005 ^		NT
TOTAL	**5,712**	**0**					
Lactofen (herbicide)							
Hot Peppers	651	0			0.030 ^		0.02
Orange Juice	191	0			0.003 ^		NT
Spinach, Canned	204	0			0.003 ^		NT
Spinach, Frozen	102	0			0.003 ^		NT
Tomato Paste	74	0			0.003 ^		0.02
TOTAL	**1,222**	**0**					
Lenacil (herbicide)							
Cabbage	300	0			0.005 ^		NT
Radishes	712	0			0.005 ^		NT
Sweet Bell Peppers	354	0			0.005 ^		NT
TOTAL	**1,366**	**0**					
Leptophos oxygen analog (insecticide metabolite)							
Orange Juice	191	0			0.003 ^		NT
Spinach, Canned	204	0			0.003 ^		NT
Spinach, Frozen	102	0			0.003 ^		NT
Tomato Paste	74	0			0.003 ^		NT
TOTAL	**571**	**0**					
Linuron (herbicide)							
Asparagus	298	1	0.3	0.012 ^	0.008 ^		7.0
Basil	343	2	0.6	0.006 - 0.010	0.005 ^	V-2	NT
Cabbage	300	0			0.019 ^		NT
Cantaloupe	354	0			0.008 ^		NT
Cauliflower	176	0			0.002 ^		NT
Cilantro	176	67	38.1	0.006 - 0.66	0.005 ^		3.0
Collard Greens	187	1	0.5	0.020 ^	0.008 ^	V-1	NT
Garbanzo Beans, Dried	686	0			0.002 - 0.005		NT
Kiwi Fruit	704	0			0.010 ^		NT
Mustard Greens	595	37	6.2	0.003 - 0.10	0.002 - 0.010	V-37	NT
Orange Juice	191	0			0.003 ^		NT
Radishes	712	0			0.019 ^		NT
Spinach, Canned	375	0			0.003 - 0.010		NT
Spinach, Frozen	189	3	1.6	0.008 - 0.019	0.003 - 0.010	V-3	NT
Strawberries, Frozen	564	0			0.008 ^		NT
Sweet Bell Peppers	354	0			0.019 ^		NT
Sweet Peas, Canned	379	0			0.010 ^		NT
Sweet Peas, Frozen	126	0			0.010 ^		NT
Tangerines	180	0			0.010 ^		NT
Tomato Paste	189	0			0.003 - 0.010		NT
TOTAL	**7,078**	**111**					

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Lufenuron (insecticide)							
Kiwi Fruit	704	0			0.010 ^		NT
Mustard Greens	275	0			0.010 ^		NT
TOTAL	**979**	**0**					
Malathion (insecticide)							
Asparagus	298	0			0.002 ^		8
Basil	343	7	2	0.003 - 0.22	0.001 - 0.003	V-7	NT
Cabbage	300	0			0.010 ^		8
Cantaloupe	354	0			0.002 ^		8
Cauliflower	176	0			0.001 ^		8
Cilantro	176	2	1.1	0.002 - 0.024	0.001 - 0.003		8
Collard Greens	187	2	1.1	0.003 - 0.005	0.002 ^		8
Garbanzo Beans, Dried	686	0			0.001 ^		8
Hot Peppers	651	5	0.8	0.008 - 0.049	0.005 ^		8
Kiwi Fruit	704	0			0.005 ^		NT
Mustard Greens	595	1	0.2	0.004 ^	0.001 - 0.005		8
Orange Juice	191	0			0.003 ^		8
Radishes	712	0			0.010 ^		8
Spinach, Canned	375	0			0.003 - 0.010		8
Spinach, Frozen	189	0			0.003 - 0.010		8
Strawberries, Frozen	564	151	26.8	0.002 - 0.091	0.002 ^		8
Sweet Bell Peppers	354	2	0.6	0.047 - 0.060	0.010 ^		8
Sweet Peas, Canned	379	0			0.010 ^		8
Sweet Peas, Frozen	126	0			0.010 ^		8
Tangerines	180	0			0.010 ^		8
Tomato Paste	189	0			0.003 - 0.010		8
TOTAL	**7,729**	**170**					
Malathion oxygen analog (metabolite of Malathion)							
Asparagus	298	0			0.002 ^		8
Cabbage	300	0			0.010 ^		8
Cantaloupe	354	0			0.002 ^		8
Cauliflower	176	0			0.002 ^		8
Collard Greens	187	0			0.002 ^		8
Garbanzo Beans, Dried	685	0			0.002 ^		8
Hot Peppers	651	0			0.010 ^		8
Kiwi Fruit	704	0			0.005 ^		NT
Mustard Greens	595	0			0.002 - 0.005		8
Orange Juice	191	0			0.001 ^		8
Radishes	712	0			0.010 ^		8
Spinach, Canned	375	0			0.001 - 0.002		8
Spinach, Frozen	189	0			0.001 - 0.002		8
Strawberries, Frozen	564	24	4.3	0.002 - 0.007	0.002 ^		8
Sweet Bell Peppers	354	0			0.010 ^		8
Sweet Peas, Canned	379	0			0.002 ^		8
Sweet Peas, Frozen	126	0			0.002 ^		8
Tangerines	180	0			0.002 ^		8
Tomato Paste	189	0			0.001 - 0.002		8
TOTAL	**7,209**	**24**					
Mandipropamid (fungicide)							
Asparagus	298	0			0.002 ^		NT
Basil	343	147	42.9	0.005 - 18	0.003 ^		30
Cabbage	300	1	0.3	0.028 ^	0.005 ^		3.0
Cantaloupe	354	0			0.002 ^		0.6
Cauliflower	176	0			0.003 ^		3.0

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Cilantro	176	6	3.4	0.005 - 0.038	0.003 ^		25
Collard Greens	187	17	9.1	0.009 - 0.39	0.002 ^		25
Garbanzo Beans, Dried	686	0			0.003 ^		NT
Hot Peppers	651	4	0.6	0.008 - 0.019	0.005 ^		1.0
Kiwi Fruit	704	0			0.020 ^		NT
Mustard Greens	595	34	5.7	0.005 - 2.0	0.003 - 0.020		25
Orange Juice	191	0			0.003 ^		0.50
Radishes	712	0			0.005 ^		NT
Spinach, Canned	375	16	4.3	0.005 - 2.0	0.003 - 0.005		25
Spinach, Frozen	189	79	41.8	0.003 - 3.5	0.003 - 0.005		25
Strawberries, Frozen	564	0			0.002 ^		NT
Sweet Bell Peppers	354	1	0.3	0.048 ^	0.005 ^		1.0
Sweet Peas, Canned	379	0			0.005 ^		NT
Sweet Peas, Frozen	126	0			0.005 ^		NT
Tangerines	180	0			0.005 ^		0.50
Tomato Paste	189	0			0.003 - 0.005		1.0
TOTAL	**7,729**	**305**					
Mecarbam (insecticide, acaricide)							
Orange Juice	191	0			0.005 ^		NT
Spinach, Canned	204	0			0.005 ^		NT
Spinach, Frozen	102	0			0.005 ^		NT
Tomato Paste	74	0			0.005 ^		NT
TOTAL	**571**	**0**					
Mefenacet (herbicide)							
Cabbage	300	0			0.005 ^		NT
Orange Juice	191	0			0.001 ^		NT
Radishes	712	0			0.005 ^		NT
Sweet Bell Peppers	354	0			0.005 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**1,631**	**0**					
Mefenpyr diethyl (herbicide safener)							
Orange Juice	191	0			0.003 ^		NT
Spinach, Canned	204	0			0.003 ^		NT
Spinach, Frozen	102	0			0.003 ^		NT
Tomato Paste	74	0			0.003 ^		NT
TOTAL	**571**	**0**					
Mepanipyrim (fungicide)							
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		0.5
TOTAL	**571**	**0**					
Mephosfolan (insecticide)							
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**571**	**0**					
Mepronil (fungicide)							
Orange Juice	191	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**265**	**0**					

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Mesotrione (herbicide)							
Kiwi Fruit	704	0			0.020 - 0.040		NT
Mustard Greens	275	0			0.040 - 0.080		NT
Orange Juice	191	0			0.020 ^		0.01
Spinach, Canned	171	0			0.050 ^		NT
Spinach, Frozen	87	0			0.050 ^		NT
Sweet Peas, Canned	379	0			0.050 ^		NT
Sweet Peas, Frozen	126	0			0.050 ^		NT
Tangerines	180	0			0.050 ^		0.01
Tomato Paste	147	0			0.020 - 0.050		NT
TOTAL	**2,260**	**0**					
Metaflumizone (insecticide)							
Hot Peppers	651	0			0.015 ^		1.5
Kiwi Fruit	704	0			0.010 ^		NT
Mustard Greens	275	0			0.010 ^		NT
Orange Juice	191	0			0.010 ^		0.04
Spinach, Canned	204	0			0.010 ^		NT
Spinach, Frozen	102	0			0.010 ^		NT
Tangerines	180	0			0.005 ^		0.04
Tomato Paste	189	0			0.005 - 0.010		1.2
TOTAL	**2,496**	**0**					
Metalaxyl/Mefenoxam [3] (fungicide)							
Asparagus	298	1	0.3	0.007 ^	0.001 ^		7.0
Basil	343	149	43.4	0.002 - 1.9	0.001 ^		8.0
Cabbage	300	3	1	0.005 - 0.014	0.005 ^		1.0
Cantaloupe	354	54	15.3	0.001 - 0.046	0.001 ^		1.0
Cauliflower	176	4	2.3	0.002 ^	0.001 ^		1.0
Cilantro	176	5	2.8	0.002 ^	0.001 ^		8.0
Collard Greens	187	8	4.3	0.001 - 0.048	0.001 ^		0.1
Garbanzo Beans, Dried	686	1	0.1	0.002 ^	0.001 - 0.004		0.2
Hot Peppers	651	103	15.8	0.005 - 0.22	0.003 ^		1.0
Kiwi Fruit	704	0			0.030 ^		0.10
Mustard Greens	595	11	1.8	0.002 - 0.026	0.001 - 0.030		5.0
Orange Juice	191	0			0.001 ^		1.0
Radishes	712	33	4.6	0.005 - 0.065	0.005 ^		0.5
Spinach, Canned	375	3	0.8	0.001 - 0.004	0.001 - 0.010		10.0
Spinach, Frozen	189	0			0.001 - 0.010		10.0
Strawberries, Frozen	564	205	36.3	0.001 - 0.18	0.001 ^		10.0
Sweet Bell Peppers	354	63	17.8	0.005 - 0.25	0.005 ^		1.0
Sweet Peas, Canned	379	0			0.010 ^		0.2
Sweet Peas, Frozen	126	0			0.010 ^		0.2
Tangerines	180	0			0.010 ^		1.0
Tomato Paste	189	4	2.1	0.002 - 0.007	0.001 - 0.010		3.0
TOTAL	**7,729**	**647**					
Metaldehyde (molluscicide)							
Kiwi Fruit	704	0			0.11 ^		NT
Mustard Greens	253	0			0.055 ^		2.5
TOTAL	**957**	**0**					
Metamitron (herbicide)							
Orange Juice	191	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**265**	**0**					

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Metconazole (fungicide)							
Bananas	708	0			0.002 ^		0.1
Kiwi Fruit	704	0			0.010 ^		NT
Mustard Greens	275	0			0.010 ^		NT
Orange Juice	191	0			0.003 ^		NT
Spinach, Canned	204	0			0.003 ^		NT
Spinach, Frozen	102	0			0.003 ^		NT
Tomato Paste	74	0			0.003 ^		NT
TOTAL	**2,258**	**0**					
Methacrifos (insecticide)							
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**571**	**0**					
Methamidophos (insecticide) (also a metabolite of Acephate)							
Asparagus	298	0			0.005 ^		0.02
Bananas	708	0			0.050 ^		0.02
Basil	343	10	2.9	0.002 - 0.44	0.001 ^	X-3	0.02
Cabbage	300	0			0.010 ^		0.02
Cantaloupe	354	0			0.005 ^		0.02
Cauliflower	176	0			0.004 ^		0.5
Cilantro	176	2	1.1	0.007 - 0.14	0.001 ^	X-1	0.02
Collard Greens	187	0			0.005 ^		0.02
Garbanzo Beans, Dried	686	0			0.001 ^		1
Hot Peppers	651	20	3.1	0.083 - 0.33	0.050 ^		1
Kiwi Fruit	704	0			0.035 ^		0.02
Mustard Greens	275	0			0.035 ^		0.02
Orange Juice	191	0			0.001 ^		0.02
Radishes	712	0			0.010 ^		0.02
Spinach, Canned	375	0			0.001 - 0.020		0.02
Spinach, Frozen	189	0			0.001 - 0.020		0.02
Strawberries, Frozen	564	13	2.3	0.005 - 0.12	0.005 ^	X-4	0.02
Sweet Bell Peppers	354	35	9.9	0.012 - 0.26	0.010 ^		1
Sweet Peas, Canned	379	0			0.020 ^		0.02
Sweet Peas, Frozen	126	0			0.020 ^		0.02
Tangerines	180	0			0.10 ^		0.02
Tomato Paste	189	0			0.001 - 0.10		0.02
TOTAL	**8,117**	**80**					
Methfuroxam (fungicide)							
Orange Juice	191	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**265**	**0**					
Methidathion (insecticide)							
Asparagus	298	0			0.010 ^		NT
Basil	343	0			0.003 ^		NT
Cabbage	300	0			0.010 ^		NT
Cantaloupe	354	0			0.010 ^		NT
Cauliflower	176	0			0.001 ^		NT
Cilantro	176	0			0.003 ^		NT
Collard Greens	187	0			0.010 ^		NT
Garbanzo Beans, Dried	686	0			0.001 - 0.003		NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Kiwi Fruit	704	0			0.015 ^		0.1
Mustard Greens	595	0			0.001 - 0.015		NT
Orange Juice	191	0			0.003 ^		4.0
Radishes	712	0			0.010 ^		NT
Spinach, Canned	346	0			0.002 - 0.003		NT
Spinach, Frozen	131	0			0.002 - 0.003		NT
Strawberries, Frozen	564	0			0.010 ^		NT
Sweet Bell Peppers	354	0			0.010 ^		NT
Sweet Peas, Canned	379	0			0.002 ^		NT
Sweet Peas, Frozen	126	0			0.002 ^		NT
Tangerines	180	0			0.002 ^		6.0
Tomato Paste	189	0			0.002 - 0.003		NT
TOTAL	**6,991**	**0**					
Methiocarb (insecticide)							
Basil	343	0			0.003 ^		NT
Cabbage	300	0			0.010 ^		NT
Cauliflower	176	0			0.001 ^		NT
Cilantro	176	0			0.003 ^		NT
Garbanzo Beans, Dried	686	0			0.001 - 0.003		NT
Kiwi Fruit	704	0			0.010 ^		NT
Mustard Greens	595	0			0.001 - 0.010		NT
Orange Juice	191	0			0.001 ^		NT
Radishes	712	0			0.010 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Sweet Bell Peppers	354	0			0.010 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**4,617**	**0**					
Methiocarb sulfone (metabolite of Methiocarb)							
Orange Juice	191	0			0.003 ^		NT
Spinach, Canned	204	0			0.003 ^		NT
Spinach, Frozen	102	0			0.003 ^		NT
Tomato Paste	74	0			0.003 ^		NT
TOTAL	**571**	**0**					
Methiocarb sulfoxide (metabolite of Methiocarb)							
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**571**	**0**					
Methomyl (insecticide)							
Asparagus	298	1	0.3	0.033 ^	0.030 ^		2
Basil	343	12	3.5	0.004 - 2.5	0.002 ^	V-12	NT
Cabbage	300	6	2	0.010 - 0.031	0.010 ^		5
Cantaloupe	354	0			0.030 ^		0.2
Cauliflower	176	2	1.1	0.022 - 0.048	0.008 ^		2
Cilantro	176	1	0.6	0.086 ^	0.002 ^		0.2
Collard Greens	187	1	0.5	0.13 ^	0.030 ^		6
Garbanzo Beans, Dried	686	0			0.002 - 0.008		0.1
Hot Peppers	651	49	7.5	0.017 - 0.59	0.010 ^		2
Kiwi Fruit	704	0			0.015 ^		NT
Mustard Greens	595	12	2	0.004 - 1.8	0.002 - 0.015		6
Orange Juice	191	0			0.010 ^		2

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Radishes	712	3	0.4	0.023 - 0.028	0.010 ^		0.2
Spinach, Canned	375	0			0.005 - 0.010		6
Spinach, Frozen	189	0			0.005 - 0.010		6
Strawberries, Frozen	564	0			0.030 ^		NT
Sweet Bell Peppers	354	18	5.1	0.011 - 0.21	0.010 ^		2
Sweet Peas, Canned	379	0			0.005 ^		5
Sweet Peas, Frozen	126	0			0.005 ^		5
Tangerines	180	0			0.010 ^		2
Tomato Paste	189	0			0.010 ^		1
TOTAL	**7,729**	**105**					
Methomyl oxime (insecticide metabolite)							
Hot Peppers	651	0			0.050 ^		2
Mustard Greens	275	0			0.10 ^		6
Tangerines	180	0			0.10 ^		2
Tomato Paste	115	0			0.10 ^		1
TOTAL	**1,221**	**0**					
Methoprene (insect growth regulator)							
Cauliflower	176	0			0.050 ^		EX2
Garbanzo Beans, Dried	685	3	0.4	0.025 - 0.057	0.015 ^		EX2
Kiwi Fruit	704	0			0.060 ^		EX2
Mustard Greens	595	0			0.050 - 0.060		EX2
TOTAL	**2,160**	**3**					
Methoprotryne (herbicide)							
Orange Juice	191	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**265**	**0**					
Methoxychlor Total (insecticide)							
Basil	343	0			0.001 - 0.006		NT
Cauliflower	176	0			0.003 ^		NT
Cilantro	176	0			0.001 - 0.006		NT
Garbanzo Beans, Dried	666	0			0.001 - 0.003		NT
Kiwi Fruit	704	0			0.040 ^		NT
Mustard Greens	580	0			0.001 - 0.040		NT
TOTAL	**2,645**	**0**					
Methoxychlor olefin (metabolite of Methoxychlor)							
Basil	343	0			0.001 ^		NT
Cauliflower	176	0			0.001 ^		NT
Cilantro	176	0			0.001 ^		NT
Garbanzo Beans, Dried	686	0			0.001 ^		NT
Mustard Greens	320	0			0.001 ^		NT
TOTAL	**1,701**	**0**					
Methoxychlor p,p' (isomer of Methoxychlor)							
Cabbage	300	0			0.005 ^		NT
Orange Juice	191	0			0.001 ^		NT
Radishes	712	0			0.005 ^		NT
Sweet Bell Peppers	314	0			0.005 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**1,591**	**0**					
Methoxyfenozide (insecticide)							
Asparagus	298	0			0.003 ^		NT
Basil	343	103	30	0.003 - 11	0.003 ^		400

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Cabbage	300	5	1.7	0.013 - 0.039	0.010 ^		7.0
Cantaloupe	354	0			0.003 ^		0.3
Cauliflower	176	0			0.001 ^		7.0
Cilantro	176	9	5.1	0.007 - 2.2	0.003 ^		400
Collard Greens	187	44	23.5	0.004 - 5.3	0.003 ^		30
Garbanzo Beans, Dried	686	0			0.003 ^		0.50
Hot Peppers	651	31	4.8	0.005 - 0.058	0.003 ^		2.0
Kiwi Fruit	704	1	0.1	0.077 ^	0.010 ^	V-1	NT
Mustard Greens	595	60	10.1	0.003 - 6.3	0.003 - 0.020		30
Orange Juice	191	0			0.003 ^		3.0
Radishes	712	5	0.7	0.011 - 0.020	0.010 ^		0.90
Spinach, Canned	375	12	3.2	0.004 - 0.039	0.002 - 0.003		30
Spinach, Frozen	189	51	27	0.002 - 2.6	0.002 - 0.003		30
Strawberries, Frozen	564	50	8.9	0.004 - 0.073	0.003 ^		2.0
Sweet Bell Peppers	354	12	3.4	0.010 - 0.10	0.010 ^		2.0
Sweet Peas, Canned	379	0			0.002 ^		0.2
Sweet Peas, Frozen	126	0			0.002 ^		0.2
Tangerines	180	0			0.010 ^		3.0
Tomato Paste	189	30	15.9	0.003 - 0.018	0.003 - 0.010		2.0
TOTAL	**7,729**	**413**					
Metobromuron (herbicide)							
Orange Juice	191	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**265**	**0**					
Metolachlor (herbicide)							
Asparagus	298	0			0.001 ^		0.10
Basil	343	0			0.001 ^		NT
Cabbage	300	0			0.005 ^		0.60
Cantaloupe	354	0			0.001 ^		0.50
Cauliflower	176	0			0.001 ^		0.60
Cilantro	176	14	8	0.002 - 0.007	0.001 ^		8.0
Collard Greens	187	0			0.001 ^		1.8
Garbanzo Beans, Dried	686	0			0.001 ^		0.30
Hot Peppers	651	0			0.002 ^		0.50
Kiwi Fruit	704	0			0.010 ^		NT
Mustard Greens	595	3	0.5	0.002 ^	0.001 - 0.010		1.8
Orange Juice	191	0			0.001 ^		NT
Radishes	712	0			0.005 ^		0.30
Spinach, Canned	375	0			0.001 - 0.005		0.50
Spinach, Frozen	189	4	2.1	0.005 - 0.006	0.001 - 0.005		0.50
Strawberries, Frozen	564	0			0.001 ^		0.40
Sweet Bell Peppers	354	0			0.005 ^		0.10
Sweet Peas, Canned	379	0			0.005 ^		0.30
Sweet Peas, Frozen	126	0			0.005 ^		0.30
Tangerines	180	0			0.005 ^		NT
Tomato Paste	189	0			0.001 - 0.005		0.30
TOTAL	**7,729**	**21**					
Metolachlor ethanesulfonic acid (ESA) (herbicide metabolite)							
Hot Peppers	651	0			0.030 ^		0.50
TOTAL	**651**	**0**					
Metolachlor oxanilic acid (OA) (herbicide metabolite)							
Tangerines	153	0			0.050 ^		NT
Tomato Paste	115	0			0.050 ^		0.30
TOTAL	**268**	**0**					

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Metolcarb (insecticide, acaricide)							
Orange Juice	191	0			0.010 ^		NT
Spinach, Canned	204	0			0.010 ^		NT
Spinach, Frozen	102	0			0.010 ^		NT
Tomato Paste	74	0			0.010 ^		NT
TOTAL	**571**	**0**					
Metoxuron (herbicide)							
Orange Juice	191	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**265**	**0**					
Metrafenone (fungicide)							
Cabbage	300	0			0.010 ^		NT
Hot Peppers	651	0			0.002 ^		0.90
Orange Juice	191	0			0.001 ^		NT
Radishes	712	0			0.010 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Sweet Bell Peppers	354	0			0.010 ^		0.90
Tangerines	180	0			0.010 ^		NT
Tomato Paste	189	2	1.1	0.002 ^	0.001 - 0.010		0.90
TOTAL	**2,883**	**2**					
Metribuzin (herbicide)							
Asparagus	298	3	1	0.006 - 0.033	0.005 ^		0.1
Basil	343	1	0.3	0.003 ^	0.002 ^	V-1	NT
Cantaloupe	354	0			0.005 ^		NT
Cauliflower	176	0			0.002 ^		NT
Cilantro	176	3	1.7	0.003 - 0.006	0.002 ^	V-3	NT
Collard Greens	187	1	0.5	0.006 ^	0.005 ^	V-1	NT
Garbanzo Beans, Dried	686	0			0.002 - 0.005		NT
Kiwi Fruit	704	0			0.020 ^		NT
Mustard Greens	595	0			0.005 - 0.020		NT
Orange Juice	191	0			0.005 ^		NT
Spinach, Canned	375	1	0.3	0.007 ^	0.005 ^	V-1	NT
Spinach, Frozen	189	0			0.005 ^		NT
Strawberries, Frozen	564	0			0.005 ^		NT
Sweet Peas, Canned	379	0			0.005 ^		0.1
Sweet Peas, Frozen	126	0			0.005 ^		0.1
Tangerines	180	0			0.005 ^		NT
Tomato Paste	189	0			0.005 ^		0.1
TOTAL	**5,712**	**9**					
Metsulfuron methyl (herbicide)							
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**571**	**0**					
Mevinphos (insecticide)							
Basil	343	0			0.005 ^		NT
Cabbage	300	0			0.005 ^		NT
Cauliflower	176	0			0.002 ^		NT
Cilantro	176	0			0.005 ^		NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Garbanzo Beans, Dried	686	0			0.005 ^		NT
Kiwi Fruit	704	0			0.010 ^		NT
Mustard Greens	595	0			0.002 - 0.010		NT
Orange Juice	191	0			0.003 ^		NT
Radishes	712	0			0.005 ^		NT
Spinach, Canned	375	0			0.003 - 0.010		NT
Spinach, Frozen	189	0			0.003 - 0.010		NT
Sweet Bell Peppers	354	0			0.005 ^		NT
Sweet Peas, Canned	379	0			0.010 ^		NT
Sweet Peas, Frozen	126	0			0.010 ^		NT
Tangerines	180	0			0.010 ^		NT
Tomato Paste	189	0			0.003 - 0.010		NT
TOTAL	**5,675**	**0**					
Mexacarbate (insecticide)							
Orange Juice	191	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**265**	**0**					
MGK-264 (insecticide)							
Asparagus	298	0			0.10 ^		5
Bananas	708	0			0.002 ^		5
Basil	343	0			0.002 ^		5
Cantaloupe	354	0			0.10 ^		5
Cauliflower	176	0			0.002 ^		5
Cilantro	176	1	0.6	0.003 ^	0.002 ^		5
Collard Greens	187	0			0.10 ^		5
Garbanzo Beans, Dried	686	1	0.1	0.007 ^	0.002 - 0.005		5
Hot Peppers	651	0			0.002 ^		5
Kiwi Fruit	704	0			0.030 ^		5
Mustard Greens	595	0			0.002 - 0.030		5
Orange Juice	191	0			0.001 ^		5
Radishes	712	0			0.010 ^		5
Spinach, Canned	375	0			0.001 - 0.025		5
Spinach, Frozen	189	0			0.001 - 0.025		5
Strawberries, Frozen	564	0			0.10 ^		5
Sweet Bell Peppers	354	0			0.010 ^		5
Sweet Peas, Canned	379	0			0.025 ^		5
Sweet Peas, Frozen	126	0			0.025 ^		5
Tangerines	180	0			0.025 ^		5
Tomato Paste	189	0			0.001 - 0.025		5
TOTAL	**8,137**	**2**					
Molinate (herbicide)							
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**571**	**0**					
Monocrotophos (insecticide)							
Cabbage	300	0			0.010 ^		NT
Kiwi Fruit	704	0			0.020 ^		NT
Mustard Greens	275	0			0.020 ^		NT
Orange Juice	191	0			0.003 ^		NT
Radishes	712	0			0.010 ^		NT
Spinach, Canned	204	0			0.003 ^		NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Spinach, Frozen	102	0			0.003 ^		NT
Sweet Bell Peppers	354	0			0.010 ^		NT
Tomato Paste	74	0			0.003 ^		NT
TOTAL	**2,916**	**0**					
Monolinuron (herbicide)							
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**571**	**0**					
Monuron (herbicide)							
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**571**	**0**					
Myclobutanil (fungicide)							
Asparagus	298	1	0.3	0.003 ^	0.003 ^		0.02
Bananas	708	84	11.9	0.007 - 0.12	0.004 ^		4.0
Basil	343	3	0.9	0.003 - 2.3	0.002 - 0.006	V-3	NT
Cabbage	300	0			0.005 ^		0.03
Cantaloupe	354	0			0.003 ^		0.20
Cauliflower	176	0			0.001 ^		0.03
Cilantro	176	3	1.7	0.003 - 0.004	0.002 ^		9.0
Collard Greens	187	0			0.003 ^		0.03
Garbanzo Beans, Dried	686	0			0.002 ^		0.03
Hot Peppers	651	79	12.1	0.007 - 0.087	0.004 ^		4.0
Kiwi Fruit	704	6	0.9	0.001 - 0.021	0.001 ^	V-6	NT
Mustard Greens	595	0			0.001 - 0.002		0.03
Orange Juice	191	0			0.003 ^		NT
Radishes	712	0			0.005 ^		0.03
Spinach, Canned	375	0			0.003 - 0.010		0.03
Spinach, Frozen	189	0			0.003 - 0.010		0.03
Strawberries, Frozen	564	133	23.6	0.003 - 0.17	0.003 ^		0.50
Sweet Bell Peppers	354	19	5.4	0.005 - 0.12	0.005 ^		4.0
Sweet Peas, Canned	379	0			0.010 ^		0.03
Sweet Peas, Frozen	126	0			0.010 ^		0.03
Tangerines	180	1	0.6	0.013 ^	0.010 ^	V-1	NT
Tomato Paste	189	8	4.2	0.003 - 0.008	0.003 - 0.010		1.0
TOTAL	**8,437**	**337**					
Naled (insecticide)							
Bananas	708	0			0.015 ^		0.5
Hot Peppers	651	0			0.015 ^		0.5
Strawberries, Frozen	564	0			0.020 ^		1
TOTAL	**1,923**	**0**					
1-Naphthol (metabolite of Carbaryl)							
Asparagus	298	1	0.3	0.036 ^	0.015 ^		15
Bananas	708	0			0.15 ^		5.0
Cantaloupe	83	0			0.015 ^		3.0
Collard Greens	187	0			0.015 ^		10
Hot Peppers	651	0			0.15 ^		5.0
Mustard Greens	275	0			0.18 ^		10

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Spinach, Canned	171	0			0.010 ^		22
Spinach, Frozen	58	0			0.010 ^		22
Strawberries, Frozen	531	1	0.2	0.021 ^	0.015 ^		4.0
Sweet Peas, Canned	379	0			0.010 ^		NT
Sweet Peas, Frozen	126	0			0.010 ^		NT
TOTAL	**3,467**	**2**					
Napropamide (herbicide)							
Basil	343	0			0.002 ^		0.1
Cabbage	300	0			0.010 ^		0.1
Cauliflower	176	0			0.002 ^		0.1
Cilantro	176	0			0.002 ^		NT
Garbanzo Beans, Dried	686	0			0.002 ^		NT
Hot Peppers	651	0			0.003 ^		0.1
Kiwi Fruit	704	0			0.020 ^		0.1
Mustard Greens	595	0			0.002 - 0.020		0.1
Orange Juice	191	0			0.001 ^		NT
Radishes	712	0			0.010 ^		NT
Spinach, Canned	375	0			0.001 - 0.003		NT
Spinach, Frozen	189	0			0.001 - 0.003		NT
Sweet Bell Peppers	354	0			0.010 ^		0.1
Sweet Peas, Canned	379	0			0.001 ^		NT
Sweet Peas, Frozen	126	0			0.001 ^		NT
Tangerines	180	0			0.001 ^		NT
Tomato Paste	189	0			0.001 ^		0.1
TOTAL	**6,326**	**0**					
Neburon (herbicide)							
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**571**	**0**					
Nicosulfuron (herbicide)							
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	226	0			0.001 - 0.005		NT
Spinach, Frozen	189	0			0.001 - 0.005		NT
Sweet Peas, Canned	379	0			0.005 ^		NT
Sweet Peas, Frozen	126	0			0.005 ^		NT
Tangerines	180	0			0.005 ^		NT
Tomato Paste	189	0			0.001 - 0.005		NT
TOTAL	**1,480**	**0**					
Nitenpyram (insecticide)							
Orange Juice	191	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**265**	**0**					
Nitrapyrin (nitrification inhibitor)							
Orange Juice	191	0			0.001 ^		0.06
Spinach, Canned	375	0			0.001 - 0.005		0.4
Spinach, Frozen	189	0			0.001 - 0.005		0.4
Sweet Peas, Canned	379	0			0.005 ^		NT
Sweet Peas, Frozen	126	0			0.005 ^		NT
Tangerines	180	0			0.005 ^		0.06
Tomato Paste	189	0			0.001 - 0.005		NT
TOTAL	**1,629**	**0**					

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Nitrofen (herbicide)							
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**571**	**0**					
Norflurazon (herbicide)							
Asparagus	298	0			0.002 ^		0.05
Basil	343	0			0.001 ^		NT
Cabbage	300	0			0.010 ^		NT
Cantaloupe	354	0			0.002 ^		NT
Cauliflower	176	0			0.001 ^		NT
Cilantro	176	1	0.6	0.004 ^	0.001 ^	V-1	NT
Collard Greens	187	0			0.009 ^		NT
Garbanzo Beans, Dried	686	0			0.001 ^		NT
Kiwi Fruit	704	0			0.005 ^		NT
Mustard Greens	595	0			0.001 - 0.005		NT
Orange Juice	191	0			0.003 ^		0.2
Radishes	712	0			0.010 ^		NT
Spinach, Canned	346	0			0.003 - 0.010		NT
Spinach, Frozen	131	0			0.003 - 0.010		NT
Strawberries, Frozen	564	0			0.002 ^		NT
Sweet Bell Peppers	354	0			0.010 ^		NT
Sweet Peas, Canned	347	0			0.010 ^		NT
Sweet Peas, Frozen	62	0			0.010 ^		NT
Tangerines	180	0			0.010 ^		0.2
Tomato Paste	189	0			0.003 - 0.010		NT
TOTAL	**6,895**	**1**					
Norflurazon desmethyl (metabolite of Norflurazon)							
Asparagus	298	0			0.005 ^		0.05
Basil	343	0			0.003 ^		NT
Cabbage	300	0			0.010 ^		NT
Cantaloupe	354	0			0.005 ^		NT
Cauliflower	176	0			0.001 ^		NT
Cilantro	176	1	0.6	0.036 ^	0.003 ^	V-1	NT
Collard Greens	187	0			0.005 ^		NT
Garbanzo Beans, Dried	686	0			0.001 - 0.003		NT
Kiwi Fruit	704	0			0.010 ^		NT
Mustard Greens	595	1	0.2	0.005 ^	0.001 - 0.010	V-1	NT
Orange Juice	191	0			0.003 ^		0.2
Radishes	712	0			0.010 ^		NT
Spinach, Canned	375	0			0.003 - 0.005		NT
Spinach, Frozen	189	0			0.003 - 0.005		NT
Strawberries, Frozen	564	0			0.005 ^		NT
Sweet Bell Peppers	354	1	0.3	0.011 ^	0.010 ^	V-1	NT
Sweet Peas, Canned	379	0			0.005 ^		NT
Sweet Peas, Frozen	126	0			0.005 ^		NT
Tangerines	180	0			0.005 ^		0.2
Tomato Paste	189	0			0.003 - 0.005		NT
TOTAL	**7,078**	**3**					
Novaluron (insecticide)							
Asparagus	298	0			0.009 ^		0.01
Bananas	708	0			0.003 ^		0.01

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Basil	343	14	4.1	0.002 - 0.37	0.001 - 0.003	X-6	0.01
Cabbage	280	1	0.4	0.042 ^	0.010 ^		0.50
Cantaloupe	354	0			0.009 ^		0.20
Cauliflower	176	0			0.001 ^		0.50
Cilantro	176	0			0.001 ^		0.01
Collard Greens	187	0			0.005 ^		25
Garbanzo Beans, Dried	686	10	1.5	0.002 ^	0.001 - 0.006		0.30
Hot Peppers	651	54	8.3	0.005 - 0.19	0.003 ^		1.0
Kiwi Fruit	704	0			0.010 ^		0.01
Mustard Greens	595	16	2.7	0.002 - 2.3	0.001 - 0.010		25
Orange Juice	191	0			0.001 ^		0.01
Radishes	712	0			0.010 ^		0.01
Spinach, Canned	375	0			0.001 - 0.005		0.01
Spinach, Frozen	189	0			0.001 - 0.005		0.01
Strawberries, Frozen	564	132	23.4	0.009 - 0.16	0.009 ^		0.45
Sweet Bell Peppers	354	16	4.5	0.010 - 0.045	0.010 ^		1.0
Sweet Peas, Canned	379	0			0.005 ^		0.01
Sweet Peas, Frozen	126	0			0.005 ^		0.01
Tangerines	180	0			0.025 ^		0.01
Tomato Paste	189	0			0.001 - 0.025		1.0
TOTAL	**8,417**	**243**					
Nuarimol (fungicide)							
Orange Juice	191	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**265**	**0**					
Octhilinone (fungicide)							
Orange Juice	191	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**265**	**0**					
Omethoate (insecticide) (also a metabolite of Dimethoate)							
Asparagus	298	0			0.020 ^		0.15
Basil	343	40	11.7	0.004 - 1.0	0.002 ^	V-40	NT
Cabbage	300	0			0.010 ^		NT
Cantaloupe	354	0			0.020 ^		1.0
Cauliflower	176	0			0.002 ^		2.0
Cilantro	176	1	0.6	0.14 ^	0.002 ^	V-1	NT
Collard Greens	187	0			0.020 ^		NT
Garbanzo Beans, Dried	686	0			0.002 ^		2.0
Hot Peppers	651	11	1.7	0.025 - 0.051	0.015 ^		2.0
Kiwi Fruit	704	0			0.010 ^		NT
Mustard Greens	595	2	0.3	0.012 - 0.033	0.002 - 0.010		2.0
Orange Juice	191	0			0.001 ^		2.0
Radishes	712	0			0.010 ^		NT
Spinach, Canned	375	0			0.001 - 0.015		NT
Spinach, Frozen	189	1	0.5	0.016 ^	0.001 - 0.015	V-1	NT
Strawberries, Frozen	564	0			0.020 ^		NT
Sweet Bell Peppers	354	4	1.1	0.010 - 0.025	0.010 ^		2.0
Sweet Peas, Canned	379	0			0.015 ^		2.0
Sweet Peas, Frozen	126	0			0.015 ^		2.0
Tangerines	180	0			0.030 ^		2.0
Tomato Paste	189	0			0.001 - 0.030		2.0
TOTAL	**7,729**	**59**					

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Orthosulfamuron (herbicide)							
Orange Juice	191	0			0.003 ^		NT
Spinach, Canned	204	0			0.010 ^		NT
Spinach, Frozen	102	0			0.010 ^		NT
Tomato Paste	74	0			0.003 ^		NT
TOTAL	**571**	**0**					
Oryzalin (herbicide)							
Asparagus	298	0			0.020 ^		NT
Cabbage	300	0			0.020 ^		NT
Cantaloupe	354	0			0.020 ^		NT
Collard Greens	187	0			0.020 ^		NT
Kiwi Fruit	704	0			0.10 ^		0.05
Mustard Greens	275	0			0.10 ^		NT
Radishes	712	0			0.020 ^		NT
Spinach, Canned	171	0			0.20 ^		NT
Spinach, Frozen	87	0			0.20 ^		NT
Strawberries, Frozen	564	0			0.020 ^		0.05
Sweet Bell Peppers	354	0			0.10 ^		NT
Sweet Peas, Canned	379	0			0.20 ^		NT
Sweet Peas, Frozen	126	0			0.20 ^		NT
Tangerines	180	0			0.20 ^		0.05
Tomato Paste	115	0			0.20 ^		NT
TOTAL	**4,806**	**0**					
Oxadiazon (herbicide)							
Asparagus	298	0			0.010 ^		NT
Cantaloupe	354	0			0.010 ^		NT
Collard Greens	187	0			0.010 ^		NT
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Strawberries, Frozen	564	0			0.020 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**1,974**	**0**					
Oxadixyl (fungicide)							
Basil	343	1	0.3	0.005 ^	0.003 ^	V-1	NT
Cabbage	300	0			0.010 ^		NT
Cauliflower	176	0			0.003 ^		NT
Cilantro	176	0			0.003 ^		NT
Garbanzo Beans, Dried	686	0			0.003 ^		NT
Mustard Greens	320	0			0.003 ^		NT
Orange Juice	191	0			0.001 ^		NT
Radishes	712	0			0.010 ^		NT
Spinach, Canned	204	0			0.003 ^		NT
Spinach, Frozen	102	0			0.003 ^		NT
Sweet Bell Peppers	354	0			0.010 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**3,638**	**1**					
Oxamyl (insecticide)							
Asparagus	298	0			0.003 ^		NT
Bananas	708	0			0.010 ^		0.3
Basil	343	1	0.3	0.21 ^	0.002 ^	V-1	NT
Cabbage	300	0			0.010 ^		NT
Cantaloupe	354	0			0.003 ^		2.0

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Cauliflower	176	0			0.006 ^		NT
Cilantro	176	0			0.002 ^		NT
Collard Greens	187	0			0.003 ^		NT
Garbanzo Beans, Dried	686	0			0.002 - 0.006		NT
Hot Peppers	651	34	5.2	0.017 - 0.77	0.010 ^		5.0
Kiwi Fruit	704	0			0.005 ^		NT
Mustard Greens	275	0			0.005 ^		NT
Orange Juice	191	0			0.005 ^		3
Radishes	712	0			0.010 ^		NT
Spinach, Canned	375	0			0.002 - 0.005		NT
Spinach, Frozen	189	0			0.002 - 0.005		NT
Strawberries, Frozen	564	0			0.003 ^		NT
Sweet Bell Peppers	354	12	3.4	0.010 - 0.66	0.010 ^		2.0
Sweet Peas, Canned	379	0			0.002 ^		NT
Sweet Peas, Frozen	126	0			0.002 ^		NT
Tangerines	180	0			0.005 ^		3
Tomato Paste	189	0			0.005 ^		2
TOTAL	**8,117**	**47**					
Oxamyl oxime (metabolite of Oxamyl)							
Asparagus	298	0			0.006 - 0.007		NT
Bananas	708	0			0.15 ^		0.3
Cabbage	300	0			0.010 ^		NT
Cantaloupe	354	13	3.7	0.007 - 0.35	0.007 ^		2.0
Collard Greens	187	0			0.007 ^		NT
Hot Peppers	651	32	4.9	0.25 - 0.84	0.15 ^		5.0
Kiwi Fruit	704	0			0.040 ^		NT
Mustard Greens	275	0			0.040 ^		NT
Orange Juice	191	0			0.005 ^		3
Radishes	712	0			0.010 ^		NT
Spinach, Canned	375	0			0.005 - 0.050		NT
Spinach, Frozen	189	0			0.005 - 0.050		NT
Strawberries, Frozen	564	0			0.006 - 0.007		NT
Sweet Bell Peppers	354	38	10.7	0.010 - 0.23	0.010 ^		2.0
Sweet Peas, Canned	379	0			0.050 ^		NT
Sweet Peas, Frozen	126	0			0.050 ^		NT
Tangerines	180	0			0.050 ^		3
Tomato Paste	189	0			0.005 - 0.050		2
TOTAL	**6,736**	**83**					
Oxathiapiprolin (fungicide)							
Hot Peppers	651	0			0.003 ^		0.50
Orange Juice	191	0			0.001 ^		0.06
Spinach, Canned	204	0			0.001 ^		15
Spinach, Frozen	102	5	4.9	0.002 - 0.032	0.001 ^		15
Tangerines	180	0			0.010 ^		0.06
Tomato Paste	189	0			0.001 - 0.010		0.50
TOTAL	**1,517**	**5**					
Oxycarboxin (fungicide)							
Orange Juice	191	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**265**	**0**					
Oxydemeton methyl (insecticide)							
Asparagus	298	0			0.002 ^		NT
Cabbage	300	0			0.010 ^		2.0

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Cantaloupe	354	0			0.002 ^		0.2
Collard Greens	187	0			0.002 ^		NT
Hot Peppers	651	0			0.030 ^		0.75
Kiwi Fruit	704	0			0.005 ^		NT
Mustard Greens	275	0			0.005 ^		NT
Orange Juice	191	0			0.001 ^		1.0
Radishes	712	0			0.010 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Strawberries, Frozen	564	79	14	0.002 - 0.43	0.002 ^		2.0
Sweet Bell Peppers	354	0			0.010 ^		0.75
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**4,970**	**79**					
Oxydemeton methyl sulfone (metabolite of Oxydemeton methyl)							
Asparagus	298	0			0.002 ^		NT
Cabbage	300	0			0.010 ^		2.0
Cantaloupe	354	0			0.002 ^		0.2
Collard Greens	187	0			0.003 ^		NT
Hot Peppers	651	0			0.050 ^		0.75
Kiwi Fruit	704	0			0.005 ^		NT
Mustard Greens	275	0			0.005 ^		NT
Orange Juice	191	0			0.001 ^		1.0
Radishes	712	0			0.010 ^		NT
Spinach, Canned	375	0			0.001 - 0.010		NT
Spinach, Frozen	189	0			0.001 - 0.010		NT
Strawberries, Frozen	564	28	5	0.002 - 0.063	0.002 ^		2.0
Sweet Bell Peppers	354	0			0.010 ^		0.75
Sweet Peas, Canned	379	0			0.010 ^		NT
Sweet Peas, Frozen	126	0			0.010 ^		NT
Tangerines	180	0			0.020 ^		NT
Tomato Paste	189	0			0.001 - 0.020		NT
TOTAL	**6,028**	**28**					
Oxyfluorfen (herbicide)							
Asparagus	298	0			0.050 ^		NT
Bananas	708	0			0.050 ^		0.05
Basil	343	2	0.6	0.002 ^	0.001 ^	V-2	NT
Cabbage	300	0			0.005 ^		0.05
Cantaloupe	354	0			0.050 ^		NT
Cauliflower	176	0			0.001 ^		0.05
Cilantro	176	5	2.8	0.002 - 0.011	0.001 ^	V-5	NT
Collard Greens	187	0			0.050 ^		NT
Garbanzo Beans, Dried	686	0			0.001 - 0.003		0.05
Kiwi Fruit	704	0			0.040 ^		0.05
Mustard Greens	595	12	2	0.002 ^	0.001 - 0.040	V-12	NT
Orange Juice	191	0			0.001 ^		NT
Radishes	712	0			0.005 ^		NT
Spinach, Canned	204	9	4.4	0.001 - 0.008	0.001 ^	V-9	NT
Spinach, Frozen	102	0			0.001 ^		NT
Strawberries, Frozen	564	0			0.050 ^		NT
Sweet Bell Peppers	354	0			0.005 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**6,728**	**28**					

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Paclobutrazol (plant growth regulator)							
Cabbage	300	0			0.005 ^		NT
Kiwi Fruit	704	0			0.010 ^		NT
Mustard Greens	275	0			0.010 ^		NT
Orange Juice	191	0			0.001 ^		NT
Radishes	712	0			0.005 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Sweet Bell Peppers	354	0			0.005 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**2,916**	**0**					
Parathion (insecticide)							
Asparagus	298	0			0.005 ^		NT
Basil	343	0			0.003 ^		NT
Cabbage	300	0			0.005 ^		NT
Cantaloupe	354	0			0.005 ^		NT
Cauliflower	176	0			0.003 ^		NT
Cilantro	176	0			0.003 ^		NT
Collard Greens	187	0			0.005 ^		NT
Garbanzo Beans, Dried	686	0			0.003 - 0.010		NT
Kiwi Fruit	704	0			0.060 ^		NT
Mustard Greens	595	0			0.003 - 0.060		NT
Orange Juice	191	0			0.001 ^		NT
Radishes	712	0			0.005 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Strawberries, Frozen	564	0			0.005 ^		NT
Sweet Bell Peppers	354	0			0.005 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**6,020**	**0**					
Parathion oxygen analog (metabolite of Parathion)							
Basil	343	0			0.003 ^		NT
Cauliflower	176	0			0.001 ^		NT
Cilantro	176	0			0.003 ^		NT
Garbanzo Beans, Dried	686	0			0.001 - 0.003		NT
Kiwi Fruit	704	0			0.005 ^		NT
Mustard Greens	595	0			0.001 - 0.005		NT
Orange Juice	191	0			0.003 ^		NT
Spinach, Canned	204	0			0.003 ^		NT
Spinach, Frozen	102	0			0.003 ^		NT
Tomato Paste	74	0			0.003 ^		NT
TOTAL	**3,251**	**0**					
Parathion methyl (insecticide)							
Asparagus	298	0			0.010 ^		NT
Cabbage	300	0			0.005 ^		NT
Cantaloupe	354	0			0.010 ^		NT
Cauliflower	176	0			0.002 ^		NT
Collard Greens	187	0			0.010 ^		NT
Garbanzo Beans, Dried	685	0			0.002 - 0.008		NT
Kiwi Fruit	704	0			0.020 ^		NT
Mustard Greens	275	0			0.020 ^		NT
Orange Juice	191	0			0.001 ^		NT
Radishes	712	0			0.005 ^		NT
Spinach, Canned	375	0			0.001 - 0.005		NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Spinach, Frozen	189	0			0.001 - 0.005		NT
Strawberries, Frozen	564	0			0.010 ^		NT
Sweet Bell Peppers	354	0			0.005 ^		NT
Sweet Peas, Canned	379	0			0.005 ^		NT
Sweet Peas, Frozen	126	0			0.005 ^		NT
Tangerines	180	0			0.005 ^		NT
Tomato Paste	189	0			0.001 - 0.005		NT
TOTAL	**6,238**	**0**					
Parathion methyl oxygen analog (metabolite of Parathion methyl)							
Asparagus	298	0			0.020 ^		NT
Cantaloupe	354	0			0.020 ^		NT
Collard Greens	187	0			0.020 ^		NT
Kiwi Fruit	704	0			0.025 ^		NT
Mustard Greens	275	0			0.025 ^		NT
Orange Juice	191	0			0.010 ^		NT
Spinach, Canned	204	0			0.010 ^		NT
Spinach, Frozen	102	0			0.010 ^		NT
Strawberries, Frozen	564	0			0.020 ^		NT
Tomato Paste	74	0			0.010 ^		NT
TOTAL	**2,953**	**0**					
Pebulate (herbicide)							
Cabbage	300	0			0.005 ^		NT
Radishes	712	0			0.005 ^		NT
Sweet Bell Peppers	354	0			0.005 ^		NT
TOTAL	**1,366**	**0**					
Penconazole (fungicide)							
Cabbage	300	0			0.005 ^		NT
Kiwi Fruit	704	0			0.010 ^		NT
Mustard Greens	275	0			0.010 ^		NT
Orange Juice	191	0			0.001 ^		NT
Radishes	712	0			0.005 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Sweet Bell Peppers	354	0			0.005 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**2,916**	**0**					
Pencycuron (fungicide)							
Cabbage	300	0			0.010 ^		NT
Kiwi Fruit	704	0			0.005 ^		NT
Mustard Greens	275	0			0.005 ^		NT
Orange Juice	191	0			0.003 ^		NT
Radishes	712	0			0.010 ^		NT
Spinach, Canned	204	0			0.003 ^		NT
Spinach, Frozen	102	0			0.003 ^		NT
Sweet Bell Peppers	354	0			0.010 ^		NT
Tomato Paste	74	0			0.003 ^		NT
TOTAL	**2,916**	**0**					
Pendimethalin (herbicide)							
Asparagus	298	0			0.050 ^		0.15
Basil	343	11	3.2	0.002 - 0.004	0.001 ^	V-11	NT
Cabbage	300	0			0.005 ^		0.1
Cantaloupe	354	0			0.050 ^		0.10

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Cauliflower	176	0			0.001 ^		0.1
Cilantro	176	60	34.1	0.002 - 0.021	0.001 ^	V-60	NT
Collard Greens	187	0			0.050 ^		0.20
Garbanzo Beans, Dried	686	0			0.001 ^		0.10
Hot Peppers	651	5	0.8	0.010 - 0.12	0.006 ^		0.1
Kiwi Fruit	704	0			0.035 ^		0.10
Mustard Greens	595	23	3.9	0.002 - 0.006	0.001 - 0.035		0.20
Orange Juice	191	0			0.001 ^		0.1
Radishes	712	0			0.005 ^		NT
Spinach, Canned	375	15	4	0.003 - 0.013	0.003 - 0.005	V-15	NT
Spinach, Frozen	189	5	2.6	0.003 - 0.008	0.003 - 0.005	V-5	NT
Strawberries, Frozen	564	0			0.050 ^		0.1
Sweet Bell Peppers	354	0			0.005 ^		0.1
Sweet Peas, Canned	379	0			0.005 ^		0.10
Sweet Peas, Frozen	126	0			0.005 ^		0.10
Tangerines	180	0			0.005 ^		0.1
Tomato Paste	189	0			0.001 - 0.005		0.1
TOTAL	**7,729**	**119**					
Penflufen (fungicide)							
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	375	0			0.001 ^		NT
Spinach, Frozen	189	0			0.001 ^		NT
Sweet Peas, Canned	379	0			0.001 ^		0.01
Sweet Peas, Frozen	126	0			0.001 ^		0.01
Tangerines	180	0			0.001 ^		NT
Tomato Paste	189	0			0.001 ^		NT
TOTAL	**1,629**	**0**					
Penoxsulam (herbicide)							
Cabbage	300	0			0.010 ^		NT
Orange Juice	191	0			0.001 ^		NT
Radishes	712	0			0.010 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Sweet Bell Peppers	354	0			0.010 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**1,937**	**0**					
Pentachloroaniline - PCA (metabolite of Quintozene)							
Asparagus	298	0			0.004 ^		NT
Basil	343	0			0.001 ^		NT
Cabbage	300	0			0.005 ^		0.1
Cantaloupe	354	0			0.004 ^		NT
Cauliflower	176	0			0.001 ^		0.1
Cilantro	176	8	4.5	0.002 - 0.016	0.001 ^	V-8	NT
Collard Greens	187	0			0.004 ^		0.2
Garbanzo Beans, Dried	686	0			0.001 ^		0.1
Hot Peppers	651	1	0.2	0.007 ^	0.004 ^		0.1
Kiwi Fruit	704	0			0.005 ^		NT
Mustard Greens	595	3	0.5	0.002 ^	0.001 - 0.005		0.2
Orange Juice	191	0			0.001 ^		NT
Radishes	712	0			0.005 ^		NT
Spinach, Canned	375	17	4.5	0.001 - 0.013	0.001 - 0.005	V-17	NT
Spinach, Frozen	189	3	1.6	0.002 - 0.005	0.001 - 0.005	V-3	NT
Strawberries, Frozen	564	0			0.004 ^		NT
Sweet Bell Peppers	354	0			0.005 ^		0.1

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Sweet Peas, Canned	379	0			0.005 ^		NT
Sweet Peas, Frozen	126	0			0.005 ^		NT
Tangerines	180	0			0.005 ^		NT
Tomato Paste	189	0			0.001 - 0.005		0.1
TOTAL	**7,729**	**32**					
Pentachlorobenzene - PCB (metabolite of Quintozene)							
Asparagus	298	0			0.005 ^		NT
Basil	343	0			0.003 ^		NT
Cabbage	300	0			0.005 ^		0.1
Cantaloupe	354	0			0.005 ^		NT
Cauliflower	176	0			0.003 - 0.010		0.1
Cilantro	176	0			0.003 - 0.010		NT
Collard Greens	187	0			0.005 ^		0.2
Garbanzo Beans, Dried	686	0			0.003 - 0.020		0.1
Hot Peppers	651	0			0.002 ^		0.1
Kiwi Fruit	704	0			0.001 ^		NT
Mustard Greens	595	0			0.001 - 0.010		0.2
Orange Juice	191	0			0.001 ^		NT
Radishes	712	0			0.005 ^		NT
Spinach, Canned	375	0			0.001 - 0.002		NT
Spinach, Frozen	189	0			0.001 - 0.002		NT
Strawberries, Frozen	564	0			0.005 ^		NT
Sweet Bell Peppers	354	0			0.005 ^		0.1
Sweet Peas, Canned	316	0			0.002 ^		NT
Sweet Peas, Frozen	126	0			0.002 ^		NT
Tangerines	180	0			0.002 ^		NT
Tomato Paste	189	0			0.001 - 0.002		0.1
TOTAL	**7,666**	**0**					
Pentachlorophenyl methyl sulfide - PCPMS (metabolite of Quintozene)							
Basil	343	0			0.003 ^		NT
Cabbage	300	0			0.005 ^		0.1
Cauliflower	176	0			0.003 ^		0.1
Cilantro	176	0			0.003 ^		NT
Garbanzo Beans, Dried	686	0			0.001 - 0.003		0.1
Hot Peppers	651	0			0.003 ^		0.1
Kiwi Fruit	704	0			0.005 ^		NT
Mustard Greens	595	0			0.001 - 0.005		0.2
Orange Juice	191	0			0.003 ^		NT
Radishes	712	0			0.005 ^		NT
Spinach, Canned	348	0			0.003 - 0.015		NT
Spinach, Frozen	189	1	0.5	0.004 ^	0.003 - 0.015	V-1	NT
Sweet Bell Peppers	354	0			0.005 ^		0.1
Sweet Peas, Canned	284	0			0.015 ^		NT
Sweet Peas, Frozen	126	0			0.015 ^		NT
Tangerines	180	0			0.015 ^		NT
Tomato Paste	189	0			0.003 - 0.015		0.1
TOTAL	**6,204**	**1**					
Penthiopyrad (fungicide)							
Basil	343	4	1.2	0.002 - 0.035	0.001 ^	V-4	NT
Cabbage	300	1	0.3	0.032 ^	0.010 ^		5.0
Cauliflower	176	1	0.6	0.017 ^	0.001 ^		5
Cilantro	176	21	11.9	0.002 - 0.047	0.001 ^		30
Garbanzo Beans, Dried	686	0			0.001 ^		0.40
Hot Peppers	651	17	2.6	0.003 - 0.16	0.002 ^		3.0

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Kiwi Fruit	704	0			0.001 ^		NT
Mustard Greens	595	103	17.3	0.001 - 8.1	0.001 - 0.002		50
Orange Juice	191	0			0.001 ^		NT
Radishes	712	2	0.3	0.021 - 0.028	0.010 ^		3.0
Spinach, Canned	375	35	9.3	0.001 - 0.041	0.001 ^		30
Spinach, Frozen	189	10	5.3	0.007 - 1.1	0.001 ^		30
Sweet Bell Peppers	354	14	4	0.011 - 0.14	0.010 ^		3.0
Sweet Peas, Canned	379	0			0.001 ^		0.40
Sweet Peas, Frozen	126	0			0.001 ^		0.40
Tangerines	180	0			0.001 ^		NT
Tomato Paste	189	18	9.5	0.001 - 0.008	0.001 ^		3.5
TOTAL	**6,326**	**226**					
Permethrin Total (insecticide)							
Cabbage	300	0			0.005 ^		6.0
Orange Juice	191	0			0.003 ^		NT
Radishes	712	1	0.1	0.013 ^	0.005 ^	V-1	NT
Spinach, Canned	375	141	37.6	0.006 - 3.5	0.005 - 0.050		20
Spinach, Frozen	189	91	48.1	0.010 - 6.0	0.005 - 0.050		20
Sweet Bell Peppers	354	9	2.5	0.014 - 0.12	0.005 ^		0.50
Sweet Peas, Canned	379	0			0.050 ^		NT
Sweet Peas, Frozen	126	0			0.050 ^		NT
Tangerines	180	0			0.050 ^		NT
Tomato Paste	189	0			0.003 - 0.050		2.0
TOTAL	**2,995**	**242**					
Permethrin cis (isomer of Permethrin)							
Asparagus	210	0			0.010 ^		2.0
Bananas	708	0			0.010 ^		NT
Basil	306	6	2	0.002 - 0.39	0.001 - 0.003	V-6	NT
Cantaloupe	354	0			0.010 ^		1.5
Cauliflower	176	1	0.6	0.002 ^	0.001 ^		0.5
Cilantro	176	26	14.8	0.002 - 1.3	0.001 ^	V-26	NT
Collard Greens	187	0			0.010 ^		15
Garbanzo Beans, Dried	686	0			0.001 ^		NT
Hot Peppers	651	7	1.1	0.017 - 0.10	0.010 ^	V-7	NT
Kiwi Fruit	704	0			0.020 ^		2.0
Mustard Greens	595	20	3.4	0.002 - 0.30	0.001 - 0.020	V-20	NT
Strawberries, Frozen	564	0			0.010 ^		NT
TOTAL	**5,317**	**60**					
Permethrin trans (isomer of Permethrin)							
Asparagus	298	0			0.010 ^		2.0
Bananas	708	0			0.010 ^		NT
Basil	343	5	1.5	0.002 - 0.75	0.001 ^	V-5	NT
Cantaloupe	354	0			0.010 ^		1.5
Cauliflower	176	1	0.6	0.002 ^	0.001 ^		0.5
Cilantro	176	20	11.4	0.002 - 1.1	0.001 ^	V-20	NT
Collard Greens	187	0			0.010 ^		15
Garbanzo Beans, Dried	686	0			0.001 ^		NT
Hot Peppers	651	7	1.1	0.017 - 0.15	0.010 ^	V-7	NT
Kiwi Fruit	704	0			0.010 ^		2.0
Mustard Greens	595	14	2.4	0.002 - 0.19	0.001 - 0.010	V-14	NT
Strawberries, Frozen	564	0			0.010 ^		NT
TOTAL	**5,442**	**47**					

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Phenmedipham (herbicide)							
Spinach, Canned	171	0			0.005 ^		4.0
Spinach, Frozen	87	2	2.3	0.007 - 0.045	0.005 ^		4.0
Sweet Peas, Canned	379	0			0.005 ^		NT
Sweet Peas, Frozen	126	0			0.005 ^		NT
Tangerines	180	0			0.005 ^		NT
Tomato Paste	115	0			0.005 ^		NT
TOTAL	**1,058**	**2**					
Phenothrin (insecticide)							
Asparagus	298	0			0.050 ^		0.01
Bananas	708	0			0.008 ^		0.01
Basil	343	0			0.002 ^		0.01
Cabbage	300	0			0.005 ^		0.01
Cantaloupe	354	0			0.050 ^		0.01
Cauliflower	176	0			0.002 ^		0.01
Cilantro	176	0			0.002 ^		0.01
Collard Greens	187	0			0.050 ^		0.01
Garbanzo Beans, Dried	686	0			0.002 ^		0.01
Hot Peppers	651	0			0.008 ^		0.01
Kiwi Fruit	704	0			0.15 ^		0.01
Mustard Greens	595	0			0.002 - 0.15		0.01
Orange Juice	191	0			0.005 ^		0.01
Radishes	712	0			0.005 ^		0.01
Spinach, Canned	375	0			0.005 - 0.025		0.01
Spinach, Frozen	189	0			0.005 - 0.025		0.01
Strawberries, Frozen	564	0			0.050 ^		0.01
Sweet Bell Peppers	354	0			0.005 ^		0.01
Sweet Peas, Canned	379	0			0.025 ^		0.01
Sweet Peas, Frozen	94	0			0.025 ^		0.01
Tangerines	180	0			0.025 ^		0.01
Tomato Paste	189	0			0.005 - 0.025		0.01
TOTAL	**8,405**	**0**					
Phenthoate (insecticide)							
Basil	343	0			0.001 ^		NT
Cauliflower	176	0			0.001 ^		NT
Cilantro	176	0			0.001 ^		NT
Garbanzo Beans, Dried	686	0			0.001 ^		NT
Mustard Greens	320	0			0.001 ^		NT
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**2,272**	**0**					
o-Phenylphenol (fungicide)							
Asparagus	298	0			0.005 ^		NT
Cantaloupe	354	0			0.005 ^		10
Collard Greens	187	0			0.005 ^		NT
Kiwi Fruit	704	0			0.040 ^		NT
Mustard Greens	275	0			0.040 ^		NT
Orange Juice	191	3	1.6	0.005 - 0.016	0.005 ^		10
Strawberries, Frozen	564	0			0.005 ^		NT
Tomato Paste	74	0			0.005 ^		10
TOTAL	**2,647**	**3**					

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Phorate (insecticide)							
Cabbage	300	0			0.005 ^		NT
Cauliflower	176	0			0.001 ^		NT
Garbanzo Beans, Dried	685	0			0.003 ^		0.05
Kiwi Fruit	704	0			0.17 ^		NT
Mustard Greens	595	0			0.003 - 0.085		NT
Orange Juice	191	0			0.003 ^		NT
Radishes	712	0			0.005 ^		NT
Spinach, Canned	375	0			0.005 - 0.030		NT
Spinach, Frozen	189	0			0.005 - 0.030		NT
Sweet Bell Peppers	354	0			0.005 ^		NT
Sweet Peas, Canned	379	0			0.030 ^		NT
Sweet Peas, Frozen	126	0			0.030 ^		NT
Tangerines	180	0			0.030 ^		NT
Tomato Paste	189	0			0.003 - 0.030		NT
TOTAL	**5,155**	**0**					
Phorate oxygen analog (metabolite of Phorate)							
Basil	343	0			0.001 ^		NT
Cauliflower	176	0			0.001 ^		NT
Cilantro	176	0			0.001 ^		NT
Garbanzo Beans, Dried	686	0			0.001 ^		0.05
Mustard Greens	320	0			0.001 ^		NT
Orange Juice	191	0			0.005 ^		NT
Spinach, Canned	204	0			0.005 ^		NT
Spinach, Frozen	102	0			0.005 ^		NT
Tomato Paste	74	0			0.005 ^		NT
TOTAL	**2,272**	**0**					
Phorate oxygen analog sulfone (metabolite of Phorate)							
Basil	343	0			0.001 ^		NT
Cauliflower	176	0			0.001 ^		NT
Cilantro	176	0			0.001 ^		NT
Garbanzo Beans, Dried	686	0			0.001 ^		0.05
Kiwi Fruit	704	0			0.010 ^		NT
Mustard Greens	595	0			0.001 - 0.010		NT
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	375	0			0.001 - 0.010		NT
Spinach, Frozen	189	0			0.001 - 0.010		NT
Sweet Peas, Canned	379	0			0.010 ^		NT
Sweet Peas, Frozen	126	0			0.010 ^		NT
Tangerines	180	0			0.010 ^		NT
Tomato Paste	189	0			0.001 - 0.010		NT
TOTAL	**4,309**	**0**					
Phorate oxygen analog sulfoxide (metabolite of Phorate)							
Basil	343	0			0.001 ^		NT
Cauliflower	176	0			0.001 ^		NT
Cilantro	176	0			0.001 ^		NT
Garbanzo Beans, Dried	686	0			0.001 ^		0.05
Kiwi Fruit	704	0			0.005 ^		NT
Mustard Greens	595	0			0.001 - 0.005		NT
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	375	0			0.001 - 0.010		NT
Spinach, Frozen	189	0			0.001 - 0.010		NT
Sweet Peas, Canned	379	0			0.010 ^		NT
Sweet Peas, Frozen	126	0			0.010 ^		NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Tangerines	180	0			0.010 ^		NT
Tomato Paste	189	0			0.001 - 0.010		NT
TOTAL	**4,309**	**0**					
Phorate sulfone (metabolite of Phorate)							
Asparagus	298	0			0.010 ^		NT
Basil	323	0			0.002 ^		NT
Cabbage	261	0			0.005 ^		NT
Cauliflower	176	0			0.002 ^		NT
Cilantro	156	0			0.002 - 0.005		NT
Garbanzo Beans, Dried	686	0			0.002 ^		0.05
Kiwi Fruit	704	0			0.030 ^		NT
Mustard Greens	595	0			0.002 - 0.030		NT
Orange Juice	191	0			0.003 ^		NT
Radishes	712	0			0.005 ^		NT
Spinach, Canned	375	0			0.003 - 0.025		NT
Spinach, Frozen	189	0			0.003 - 0.025		NT
Strawberries, Frozen	408	0			0.010 ^		NT
Sweet Bell Peppers	354	0			0.005 ^		NT
Sweet Peas, Canned	379	0			0.025 ^		NT
Sweet Peas, Frozen	126	0			0.025 ^		NT
Tangerines	180	0			0.050 ^		NT
Tomato Paste	189	0			0.003 - 0.050		NT
TOTAL	**6,302**	**0**					
Phorate sulfoxide (metabolite of Phorate)							
Asparagus	298	0			0.010 ^		NT
Basil	343	0			0.001 - 0.003		NT
Cabbage	300	0			0.010 ^		NT
Cantaloupe	354	0			0.010 ^		NT
Cauliflower	176	0			0.001 ^		NT
Cilantro	176	0			0.001 - 0.003		NT
Collard Greens	187	0			0.010 ^		NT
Garbanzo Beans, Dried	686	0			0.001 ^		0.05
Kiwi Fruit	704	0			0.010 ^		NT
Mustard Greens	595	0			0.001 - 0.010		NT
Orange Juice	191	0			0.001 ^		NT
Radishes	712	0			0.010 ^		NT
Spinach, Canned	375	0			0.001 - 0.002		NT
Spinach, Frozen	189	1	0.5	0.001 ^	0.001 - 0.002	V-1	NT
Strawberries, Frozen	564	0			0.010 ^		NT
Sweet Bell Peppers	354	0			0.010 ^		NT
Sweet Peas, Canned	379	0			0.002 ^		NT
Sweet Peas, Frozen	126	0			0.002 ^		NT
Tangerines	180	0			0.005 ^		NT
Tomato Paste	189	0			0.001 - 0.005		NT
TOTAL	**7,078**	**1**					
Phosalone (insecticide)							
Asparagus	298	0			0.001 ^		NT
Basil	343	0			0.005 ^		NT
Cabbage	300	0			0.005 ^		NT
Cantaloupe	354	0			0.001 ^		NT
Cauliflower	176	0			0.002 ^		NT
Cilantro	176	0			0.005 ^		NT
Collard Greens	187	0			0.001 ^		NT
Garbanzo Beans, Dried	686	0			0.002 - 0.005		NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Kiwi Fruit	704	0			0.015 ^		NT
Mustard Greens	595	0			0.002 - 0.015		NT
Orange Juice	191	0			0.003 ^		NT
Radishes	693	0			0.005 ^		NT
Spinach, Canned	204	0			0.003 ^		NT
Spinach, Frozen	102	0			0.003 ^		NT
Strawberries, Frozen	564	0			0.001 ^		NT
Sweet Bell Peppers	354	0			0.005 ^		NT
Tomato Paste	74	0			0.003 ^		NT
TOTAL	**6,001**	**0**					
Phosmet (insecticide)							
Asparagus	298	0			0.010 ^		NT
Bananas	708	0			0.005 ^		NT
Cabbage	300	0			0.005 ^		NT
Cantaloupe	354	0			0.010 ^		NT
Collard Greens	187	0			0.010 ^		NT
Garbanzo Beans, Dried	644	0			0.005 - 0.010		NT
Hot Peppers	651	0			0.005 ^		NT
Kiwi Fruit	704	0			0.025 ^		25
Mustard Greens	580	0			0.002 - 0.025		NT
Orange Juice	191	0			0.001 ^		5
Radishes	692	0			0.005 ^		NT
Spinach, Canned	375	0			0.001 - 0.010		NT
Spinach, Frozen	189	0			0.001 - 0.010		NT
Strawberries, Frozen	564	0			0.010 ^		NT
Sweet Bell Peppers	354	0			0.005 ^		NT
Sweet Peas, Canned	379	0			0.010 ^		1
Sweet Peas, Frozen	126	1	0.8	0.035 ^	0.010 ^		1
Tangerines	180	0			0.020 ^		5
Tomato Paste	189	0			0.001 - 0.020		NT
TOTAL	**7,665**	**1**					
Phosmet oxygen analog (metabolite of Phosmet)							
Asparagus	298	0			0.004 ^		NT
Bananas	708	0			0.005 ^		NT
Cantaloupe	354	0			0.004 ^		NT
Collard Greens	187	0			0.004 ^		NT
Hot Peppers	651	0			0.005 ^		NT
Kiwi Fruit	704	0			0.010 ^		25
Mustard Greens	275	0			0.010 ^		NT
Orange Juice	191	0			0.001 ^		5
Spinach, Canned	375	0			0.001 - 0.005		NT
Spinach, Frozen	189	0			0.001 - 0.005		NT
Strawberries, Frozen	564	0			0.004 ^		NT
Sweet Peas, Canned	379	0			0.005 ^		1
Sweet Peas, Frozen	126	0			0.005 ^		1
Tangerines	180	0			0.005 ^		5
Tomato Paste	189	0			0.001 - 0.005		NT
TOTAL	**5,370**	**0**					
Phosphamidon (insecticide)							
Basil	343	0			0.003 ^		NT
Cabbage	300	0			0.010 ^		NT
Cauliflower	176	0			0.001 ^		NT
Cilantro	176	0			0.003 ^		NT
Garbanzo Beans, Dried	686	0			0.001 - 0.003		NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Mustard Greens	320	0			0.001 ^		NT
Orange Juice	191	0			0.005 ^		NT
Radishes	712	0			0.010 ^		NT
Spinach, Canned	204	0			0.005 ^		NT
Spinach, Frozen	102	0			0.005 ^		NT
Sweet Bell Peppers	354	0			0.010 ^		NT
Tomato Paste	74	0			0.005 ^		NT
TOTAL	**3,638**	**0**					
Phoxim (insecticide)							
Kiwi Fruit	704	0			0.025 ^		NT
Mustard Greens	275	0			0.025 ^		NT
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**1,550**	**0**					
Picolinafen (herbicide)							
Orange Juice	191	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**265**	**0**					
Picoxystrobin (fungicide)							
Cauliflower	176	0			0.001 ^		2.0
Kiwi Fruit	704	0			0.001 ^		NT
Mustard Greens	275	0			0.001 ^		30
Orange Juice	191	0			0.005 ^		NT
Spinach, Canned	375	0			0.005 ^		30
Spinach, Frozen	189	0			0.005 ^		30
Sweet Peas, Canned	379	0			0.005 ^		0.90
Sweet Peas, Frozen	126	0			0.005 ^		0.90
Tangerines	180	0			0.005 ^		NT
Tomato Paste	189	0			0.005 ^		0.70
TOTAL	**2,784**	**0**					
Pinoxaden (herbicide)							
Orange Juice	191	0			0.020 ^		NT
Spinach, Canned	204	0			0.020 ^		NT
Spinach, Frozen	102	0			0.020 ^		NT
Tomato Paste	74	0			0.020 ^		NT
TOTAL	**571**	**0**					
Piperonyl butoxide (insecticide)							
Asparagus	298	0			0.005 ^		10
Bananas	708	0			0.004 ^		10
Basil	343	19	5.5	0.003 - 1.1	0.002 ^		10
Cabbage	300	0			0.005 ^		10
Cantaloupe	354	0			0.005 ^		10
Cauliflower	176	0			0.002 ^		10
Cilantro	176	3	1.7	0.003 - 0.022	0.002 ^		10
Collard Greens	187	0			0.005 ^		10
Garbanzo Beans, Dried	686	40	5.8	0.003 - 0.11	0.002 ^		10
Hot Peppers	651	3	0.5	0.007 - 0.026	0.004 ^		10
Kiwi Fruit	704	0			0.015 ^		10
Mustard Greens	595	0			0.002 - 0.015		10
Orange Juice	191	0			0.003 ^		10

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Radishes	712	0			0.005 ^		10
Spinach, Canned	375	0			0.003 - 0.025		10
Spinach, Frozen	189	0			0.003 - 0.025		10
Strawberries, Frozen	564	5	0.9	0.007 - 0.31	0.005 ^		10
Sweet Bell Peppers	354	2	0.6	0.019 - 0.047	0.005 ^		10
Sweet Peas, Canned	379	0			0.025 ^		10
Sweet Peas, Frozen	126	0			0.025 ^		10
Tangerines	180	0			0.025 ^		10
Tomato Paste	189	0			0.003 - 0.025		10
TOTAL	**8,437**	**72**					
Pirimicarb (insecticide)							
Basil	343	1	0.3	0.017 ^	0.001 ^	V-1	NT
Cabbage	300	0			0.005 ^		NT
Cauliflower	176	0			0.001 ^		NT
Cilantro	176	0			0.001 ^		NT
Garbanzo Beans, Dried	686	0			0.001 ^		NT
Kiwi Fruit	704	0			0.005 ^		NT
Mustard Greens	595	0			0.001 - 0.005		NT
Orange Juice	191	0			0.001 ^		NT
Radishes	712	0			0.005 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Sweet Bell Peppers	354	1	0.3	0.008 ^	0.005 ^	V-1	NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**4,617**	**2**					
Pirimicarb desmethyl (metabolite of Pirimicarb)							
Cabbage	300	0			0.010 ^		NT
Kiwi Fruit	704	0			0.001 ^		NT
Mustard Greens	275	0			0.001 ^		NT
Orange Juice	191	0			0.001 ^		NT
Radishes	712	0			0.010 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Sweet Bell Peppers	354	0			0.010 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**2,916**	**0**					
Pirimiphos ethyl (insecticide)							
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**571**	**0**					
Pirimiphos methyl (insecticide)							
Asparagus	298	0			0.001 ^		NT
Basil	343	0			0.001 ^		NT
Cabbage	300	0			0.005 ^		NT
Cantaloupe	354	0			0.001 ^		NT
Cauliflower	176	0			0.001 ^		NT
Cilantro	176	0			0.001 ^		NT
Collard Greens	187	0			0.001 ^		NT
Garbanzo Beans, Dried	686	0			0.001 ^		NT
Kiwi Fruit	704	0			0.010 ^		NT
Mustard Greens	595	0			0.001 - 0.010		NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Orange Juice	191	0			0.001 ^		NT
Radishes	712	0			0.005 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Strawberries, Frozen	564	1	0.2	0.003 ^	0.001 ^	V-1	NT
Sweet Bell Peppers	354	0			0.005 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**6,020**	**1**					
Prallethrin (insecticide)							
Asparagus	298	0			0.008 ^		1.0
Bananas	708	0			0.008 ^		1.0
Cantaloupe	354	0			0.008 ^		1.0
Collard Greens	187	0			0.008 ^		1.0
Hot Peppers	651	0			0.008 ^		1.0
Kiwi Fruit	704	0			0.10 ^		1.0
Mustard Greens	275	0			0.10 ^		1.0
Orange Juice	191	0			0.020 ^		1.0
Radishes	712	0			0.010 ^		1.0
Spinach, Canned	375	0			0.020 - 0.030		1.0
Spinach, Frozen	189	0			0.020 - 0.030		1.0
Strawberries, Frozen	564	0			0.008 ^		1.0
Sweet Bell Peppers	354	0			0.010 ^		1.0
Sweet Peas, Canned	379	0			0.030 ^		1.0
Sweet Peas, Frozen	126	0			0.030 ^		1.0
Tangerines	180	0			0.030 ^		1.0
Tomato Paste	189	0			0.020 - 0.030		1.0
TOTAL	**6,436**	**0**					
Pretilachlor (herbicide)							
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**571**	**0**					
Primisulfuron methyl (herbicide)							
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**571**	**0**					
Prochloraz (fungicide)							
Cabbage	300	0			0.005 ^		NT
Orange Juice	191	0			0.005 ^		NT
Radishes	693	0			0.005 ^		NT
Spinach, Canned	204	0			0.005 ^		NT
Spinach, Frozen	102	0			0.005 ^		NT
Sweet Bell Peppers	354	0			0.005 ^		NT
Tomato Paste	74	0			0.005 ^		NT
TOTAL	**1,918**	**0**					
Procymidone (fungicide)							
Asparagus	298	0			0.010 ^		NT
Cabbage	300	0			0.005 ^		NT
Cantaloupe	354	0			0.010 ^		NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Collard Greens	187	0			0.010 ^		NT
Kiwi Fruit	704	0			0.010 ^		NT
Mustard Greens	275	0			0.010 ^		NT
Orange Juice	191	0			0.001 ^		NT
Radishes	712	0			0.005 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Strawberries, Frozen	564	0			0.010 ^		NT
Sweet Bell Peppers	354	0			0.005 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**4,319**	**0**					
Prodiamine (herbicide)							
Kiwi Fruit	704	0			0.005 ^		NT
Mustard Greens	275	0			0.005 ^		NT
TOTAL	**979**	**0**					
Profenofos (insecticide)							
Asparagus	298	0			0.075 ^		NT
Basil	343	3	0.9	0.013 - 6.5	0.003 ^	V-3	NT
Cabbage	300	0			0.010 ^		NT
Cantaloupe	354	0			0.075 ^		NT
Cauliflower	176	0			0.001 ^		NT
Cilantro	176	0			0.003 ^		NT
Collard Greens	187	0			0.075 ^		NT
Garbanzo Beans, Dried	686	0			0.001 - 0.003		NT
Kiwi Fruit	704	0			0.005 ^		NT
Mustard Greens	580	0			0.001 - 0.005		NT
Orange Juice	191	0			0.001 ^		NT
Radishes	712	0			0.010 ^		NT
Spinach, Canned	375	0			0.001 - 0.005		NT
Spinach, Frozen	160	0			0.001 - 0.005		NT
Strawberries, Frozen	564	0			0.075 ^		NT
Sweet Bell Peppers	354	0			0.010 ^		NT
Sweet Peas, Canned	379	0			0.005 ^		NT
Sweet Peas, Frozen	126	0			0.005 ^		NT
Tangerines	180	0			0.005 ^		NT
Tomato Paste	189	0			0.001 - 0.005		NT
TOTAL	**7,034**	**3**					
Profluralin (herbicide)							
Orange Juice	191	0			0.005 ^		NT
Spinach, Canned	204	0			0.005 ^		NT
Spinach, Frozen	102	0			0.005 ^		NT
Tomato Paste	74	0			0.005 ^		NT
TOTAL	**571**	**0**					
Profoxydim (herbicide)							
Orange Juice	191	0			0.003 ^		NT
Spinach, Canned	204	0			0.003 ^		NT
Spinach, Frozen	102	0			0.003 ^		NT
Tomato Paste	74	0			0.003 ^		NT
TOTAL	**571**	**0**					
Promecarb (insecticide)							
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	204	0			0.001 ^		NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Spinach, Frozen	102	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**571**	**0**					
Prometon (herbicide)							
Basil	343	2	0.6	0.002 ^	0.001 ^	V-2	NT
Cauliflower	176	0			0.001 ^		NT
Cilantro	176	0			0.001 ^		NT
Garbanzo Beans, Dried	686	0			0.001 ^		NT
Kiwi Fruit	704	0			0.010 ^		NT
Mustard Greens	595	0			0.001 - 0.010		NT
TOTAL	**2,680**	**2**					
Prometryn (herbicide)							
Basil	343	4	1.2	0.002 ^	0.001 ^	V-4	NT
Cauliflower	176	0			0.001 ^		NT
Cilantro	176	75	42.6	0.002 - 0.39	0.001 ^		3.5
Garbanzo Beans, Dried	686	0			0.001 ^		NT
Kiwi Fruit	704	0			0.010 ^		NT
Mustard Greens	595	9	1.5	0.002 - 0.016	0.001 - 0.010	V-9	NT
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**3,251**	**88**					
Pronamide (herbicide)							
Asparagus	298	0			0.002 ^		NT
Basil	343	0			0.001 ^		NT
Cabbage	300	0			0.005 ^		NT
Cantaloupe	354	0			0.002 ^		NT
Cauliflower	176	0			0.001 ^		NT
Cilantro	176	14	8	0.002 - 0.009	0.001 ^	V-14	NT
Collard Greens	187	0			0.002 ^		NT
Garbanzo Beans, Dried	686	0			0.001 ^		NT
Kiwi Fruit	704	0			0.015 ^		NT
Mustard Greens	595	1	0.2	0.002 ^	0.001 - 0.015	V-1	NT
Orange Juice	191	0			0.001 ^		NT
Radishes	712	0			0.005 ^		NT
Spinach, Canned	375	0			0.001 - 0.005		NT
Spinach, Frozen	189	0			0.001 - 0.005		NT
Strawberries, Frozen	564	0			0.002 ^		NT
Sweet Bell Peppers	354	0			0.005 ^		NT
Sweet Peas, Canned	379	0			0.005 ^		NT
Sweet Peas, Frozen	126	0			0.005 ^		NT
Tangerines	180	0			0.005 ^		NT
Tomato Paste	189	0			0.001 - 0.005		NT
TOTAL	**7,078**	**15**					
Propachlor (herbicide)							
Basil	343	0			0.001 - 0.003		NT
Cauliflower	176	0			0.001 ^		NT
Cilantro	176	0			0.001 ^		NT
Garbanzo Beans, Dried	686	0			0.001 ^		NT
Mustard Greens	320	0			0.001 ^		NT
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	204	0			0.001 ^		NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Spinach, Frozen	102	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**2,272**	**0**					
Propamocarb (fungicide)							
Cabbage	300	0			0.010 ^		NT
Orange Juice	191	0			0.001 ^		NT
Radishes	712	1	0.1	0.052 ^	0.010 ^	V-1	NT
Spinach, Canned	204	0			0.001 ^		150
Spinach, Frozen	102	6	5.9	0.001 - 0.049	0.001 ^		150
Sweet Bell Peppers	354	20	5.6	0.011 - 0.19	0.010 ^		4
Tomato Paste	74	1	1.4	0.003 ^	0.001 ^		5.0
TOTAL	**1,937**	**28**					
Propamocarb hydrochloride [4] (fungicide)							
Asparagus	298	0			0.002 ^		NT
Cantaloupe	354	16	4.5	0.002 - 0.008	0.002 ^		1.5
Collard Greens	187	2	1.1	0.011 - 0.13	0.002 ^	V-2	NT
Hot Peppers	651	23	3.5	0.008 - 0.64	0.005 ^		4
Kiwi Fruit	704	0			0.005 ^		NT
Mustard Greens	275	0			0.005 ^		NT
Strawberries, Frozen	564	6	1.1	0.003 - 0.033	0.002 ^	V-6	NT
Tangerines	180	0			0.001 ^		NT
Tomato Paste	115	0			0.001 ^		5.0
TOTAL	**3,328**	**47**					
Propanil (herbicide)							
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**571**	**0**					
Propaquizafop (herbicide)							
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**571**	**0**					
Propargite (insecticide)							
Asparagus	298	0			0.050 ^		NT
Basil	343	0			0.006 - 0.020		NT
Cabbage	300	0			0.020 ^		NT
Cantaloupe	354	0			0.050 ^		NT
Cauliflower	176	0			0.006 ^		NT
Cilantro	176	0			0.006 ^		NT
Collard Greens	187	0			0.050 ^		NT
Garbanzo Beans, Dried	686	0			0.006 ^		0.2
Kiwi Fruit	704	0			0.040 ^		NT
Mustard Greens	595	0			0.006 - 0.040		NT
Orange Juice	191	0			0.001 ^		10.0
Radishes	712	0			0.020 ^		NT
Spinach, Canned	375	0			0.001 - 0.025		NT
Spinach, Frozen	189	0			0.001 - 0.025		NT
Strawberries, Frozen	564	0			0.050 ^		NT
Sweet Bell Peppers	354	0			0.020 ^		NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Sweet Peas, Canned	379	0			0.025 ^		NT
Sweet Peas, Frozen	126	0			0.025 ^		NT
Tangerines	180	0			0.025 ^		NT
Tomato Paste	189	0			0.001 - 0.025		NT
TOTAL	**7,078**	**0**					
Propazine (herbicide)							
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**571**	**0**					
Propetamphos (insecticide)							
Asparagus	238	0			0.010 ^		NT
Bananas	708	0			0.010 ^		NT
Basil	305	0			0.003 ^		NT
Cabbage	300	0			0.010 ^		NT
Cantaloupe	354	0			0.010 ^		NT
Cauliflower	176	0			0.001 ^		NT
Cilantro	78	0			0.003 - 0.006		NT
Collard Greens	187	0			0.010 ^		NT
Garbanzo Beans, Dried	686	0			0.003 ^		NT
Hot Peppers	651	1	0.2	0.052 ^	0.010 ^	V-1	NT
Kiwi Fruit	704	0			0.020 ^		NT
Mustard Greens	595	0			0.003 - 0.020		NT
Orange Juice	191	0			0.005 ^		NT
Radishes	712	0			0.010 ^		NT
Spinach, Canned	375	0			0.005 ^		NT
Spinach, Frozen	189	0			0.005 ^		NT
Strawberries, Frozen	564	0			0.010 ^		NT
Sweet Bell Peppers	354	0			0.010 ^		NT
Sweet Peas, Canned	379	0			0.005 ^		NT
Sweet Peas, Frozen	126	0			0.005 ^		NT
Tangerines	180	0			0.005 ^		NT
Tomato Paste	189	0			0.005 ^		NT
TOTAL	**8,241**	**1**					
Propham (herbicide)							
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**571**	**0**					
Propiconazole (fungicide)							
Asparagus	298	0			0.010 ^		NT
Bananas	708	0			0.003 ^		0.2
Basil	343	2	0.6	0.034 - 0.037	0.005 ^	V-2	NT
Cabbage	300	0			0.010 ^		NT
Cantaloupe	354	0			0.010 ^		NT
Cauliflower	176	0			0.005 ^		NT
Cilantro	176	7	4	0.008 - 1.8	0.005 ^		13
Collard Greens	187	1	0.5	0.010 ^	0.010 ^		20
Garbanzo Beans, Dried	686	0			0.005 ^		0.40
Kiwi Fruit	704	0			0.020 ^		NT
Mustard Greens	595	0			0.005 - 0.020		20

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Orange Juice	191	2	1	0.002 - 0.003	0.001 ^		8.0
Radishes	712	0			0.010 ^		0.3
Spinach, Canned	346	0			0.001 - 0.005		NT
Spinach, Frozen	189	1	0.5	0.002 ^	0.001 - 0.005	V-1	NT
Strawberries, Frozen	564	13	2.3	0.011 - 0.067	0.010 ^		1.3
Sweet Bell Peppers	354	0			0.010 ^		NT
Sweet Peas, Canned	379	0			0.005 ^		NT
Sweet Peas, Frozen	94	0			0.005 ^		NT
Tangerines	180	8	4.4	0.008 - 0.023	0.005 ^		8.0
Tomato Paste	189	1	0.5	0.005 ^	0.001 - 0.005		3.0
TOTAL	**7,725**	**35**					
Propoxycarbazone (herbicide)							
Orange Juice	191	0			0.005 ^		NT
Spinach, Canned	170	0			0.010 ^		NT
Spinach, Frozen	102	0			0.010 ^		NT
Tomato Paste	74	0			0.005 ^		NT
TOTAL	**537**	**0**					
Proquinazid (fungicide)							
Orange Juice	191	0			0.005 ^		NT
Spinach, Canned	204	0			0.005 ^		NT
Spinach, Frozen	102	0			0.005 ^		NT
Tomato Paste	74	0			0.005 ^		NT
TOTAL	**571**	**0**					
Prosulfuron (herbicide)							
Kiwi Fruit	704	0			0.005 ^		NT
Mustard Greens	275	0			0.005 ^		NT
Orange Juice	191	0			0.003 ^		NT
Spinach, Canned	375	0			0.003 - 0.010		NT
Spinach, Frozen	189	0			0.003 - 0.010		NT
Sweet Peas, Canned	379	0			0.010 ^		NT
Sweet Peas, Frozen	126	0			0.010 ^		NT
Tangerines	180	0			0.010 ^		NT
Tomato Paste	189	0			0.003 - 0.010		NT
TOTAL	**2,608**	**0**					
Prothioconazole (fungicide)							
Kiwi Fruit	704	0			0.10 - 0.20		NT
Spinach, Canned	115	0			0.10 ^		NT
Spinach, Frozen	87	0			0.10 ^		NT
Sweet Peas, Canned	379	0			0.10 ^		NT
Sweet Peas, Frozen	126	0			0.10 ^		NT
Tangerines	180	0			0.10 ^		NT
Tomato Paste	115	0			0.10 ^		NT
TOTAL	**1,706**	**0**					
Prothiofos (insecticide)							
Cabbage	300	0			0.005 ^		NT
Kiwi Fruit	704	0			0.040 ^		NT
Mustard Greens	275	0			0.040 ^		NT
Orange Juice	191	0			0.001 ^		NT
Radishes	712	0			0.005 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Sweet Bell Peppers	354	0			0.005 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**2,916**	**0**					
Pydiflumetofen (fungicide)							
Hot Peppers	651	0			0.003 ^		0.60
Orange Juice	191	0			0.001 ^		1
Tangerines	180	0			0.005 ^		1
Tomato Paste	189	0			0.001 - 0.005		0.60
TOTAL	**1,211**	**0**					
Pymetrozine (insecticide)							
Basil	343	0			0.002 ^		NT
Cabbage	300	0			0.010 ^		0.5
Cauliflower	176	0			0.005 ^		0.5
Cilantro	176	0			0.002 ^		NT
Garbanzo Beans, Dried	686	0			0.002 - 0.005		NT
Hot Peppers	651	0			0.030 ^		0.2
Kiwi Fruit	704	0			0.085 ^		NT
Mustard Greens	595	0			0.005 - 0.085		0.25
Orange Juice	191	0			0.001 ^		NT
Radishes	712	0			0.010 ^		NT
Spinach, Canned	204	0			0.001 ^		0.6
Spinach, Frozen	102	1	1	0.009 ^	0.001 ^		0.6
Sweet Bell Peppers	354	0			0.010 ^		0.2
Tomato Paste	74	0			0.001 ^		0.2
TOTAL	**5,268**	**1**					
Pyraclofos (insecticide)							
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**571**	**0**					
Pyraclostrobin (fungicide)							
Asparagus	298	0			0.003 ^		NT
Bananas	708	0			0.003 ^		0.04
Basil	343	24	7	0.002 - 3.0	0.001 ^		40
Cabbage	300	6	2	0.003 - 0.043	0.003 ^		5.0
Cantaloupe	354	0			0.003 ^		0.5
Cauliflower	176	1	0.6	0.002 ^	0.001 ^		5.0
Cilantro	176	34	19.3	0.002 - 3.1	0.001 ^		40
Collard Greens	187	42	22.5	0.003 - 3.3	0.003 ^		16
Garbanzo Beans, Dried	686	8	1.2	0.002 ^	0.001 ^		0.5
Hot Peppers	651	79	12.1	0.005 - 0.50	0.003 ^		1.4
Kiwi Fruit	704	0			0.005 ^		NT
Mustard Greens	595	213	35.8	0.002 - 11	0.001 - 0.005		16
Orange Juice	191	0			0.001 ^		2.0
Radishes	712	44	6.2	0.004 - 0.083	0.003 ^		0.4
Spinach, Canned	375	31	8.3	0.001 - 0.086	0.001 ^		40
Spinach, Frozen	189	37	19.6	0.001 - 2.9	0.001 ^		40
Strawberries, Frozen	564	141	25	0.004 - 0.10	0.003 ^		1.2
Sweet Bell Peppers	354	77	21.8	0.003 - 0.21	0.003 ^		1.4
Sweet Peas, Canned	379	1	0.3	0.001 ^	0.001 ^		0.2
Sweet Peas, Frozen	126	21	16.7	0.001 - 0.013	0.001 ^		0.2

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Tangerines	180	2	1.1	0.001 - 0.003	0.001 ^		2.0
Tomato Paste	189	0			0.001 ^		1.4
TOTAL	**8,437**	**761**					
Pyraflufen ethyl (herbicide)							
Asparagus	298	0			0.020 ^		NT
Cantaloupe	354	0			0.010 ^		NT
Collard Greens	187	0			0.010 ^		NT
Kiwi Fruit	704	0			0.030 ^		NT
Mustard Greens	275	0			0.030 ^		NT
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Strawberries, Frozen	564	0			0.010 - 0.020		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**2,953**	**0**					
Pyrazon (herbicide)							
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**571**	**0**					
Pyrazophos (fungicide)							
Cabbage	300	0			0.010 ^		NT
Kiwi Fruit	704	0			0.010 ^		NT
Mustard Greens	275	0			0.010 ^		NT
Orange Juice	191	0			0.001 ^		NT
Radishes	712	0			0.010 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Sweet Bell Peppers	354	0			0.010 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**2,916**	**0**					
Pyrethrins (insecticide)							
Kiwi Fruit	704	0			0.20 ^		1.0
Mustard Greens	275	0			0.20 ^		1.0
TOTAL	**979**	**0**					
Pyridaben (insecticide, acaricide)							
Asparagus	298	0			0.005 ^		NT
Cabbage	300	0			0.005 ^		NT
Cantaloupe	354	0			0.005 ^		NT
Collard Greens	187	0			0.005 ^		NT
Kiwi Fruit	704	0			0.001 ^		NT
Mustard Greens	275	0			0.001 ^		NT
Orange Juice	191	0			0.001 ^		0.9
Radishes	712	0			0.005 ^		NT
Spinach, Canned	375	0			0.001 - 0.005		NT
Spinach, Frozen	189	0			0.001 - 0.005		NT
Strawberries, Frozen	564	2	0.4	0.006 - 0.013	0.005 ^		2.5
Sweet Bell Peppers	354	0			0.005 ^		NT
Sweet Peas, Canned	379	0			0.005 ^		NT
Sweet Peas, Frozen	126	0			0.005 ^		NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Tangerines	180	0			0.005 ^		0.9
Tomato Paste	189	0			0.001 - 0.005		0.15
TOTAL	**5,377**	**2**					
Pyridalyl (insecticide)							
Hot Peppers	651	0			0.005 ^		1.0
Kiwi Fruit	704	0			0.010 ^		NT
Mustard Greens	275	0			0.010 ^		30
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	319	0			0.003 - 0.005		20
Spinach, Frozen	189	1	0.5	0.64 ^	0.003 - 0.005		20
Sweet Peas, Canned	316	0			0.005 ^		NT
Sweet Peas, Frozen	126	0			0.005 ^		NT
Tangerines	180	0			0.005 ^		NT
Tomato Paste	189	0			0.001 - 0.005		1.0
TOTAL	**3,140**	**1**					
Pyridaphenthion (insecticide)							
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**571**	**0**					
Pyridate (herbicide)							
Spinach, Frozen	102	0			0.001 ^		NT
TOTAL	**102**	**0**					
Pyrifluquinazon (insecticide)							
Orange Juice	191	0			0.001 ^		0.70
Tangerines	148	0			0.005 ^		0.70
Tomato Paste	189	0			0.001 - 0.005		0.30
TOTAL	**528**	**0**					
Pyrimethanil (fungicide)							
Asparagus	298	0			0.050 ^		NT
Bananas	708	16	2.3	0.003 - 0.007	0.002 ^		0.10
Basil	343	6	1.7	0.007 - 0.089	0.001 ^	V-6	NT
Cabbage	300	0			0.003 ^		NT
Cantaloupe	354	0			0.050 ^		NT
Cauliflower	176	0			0.003 ^		NT
Cilantro	176	2	1.1	0.002 - 0.018	0.001 ^	V-2	NT
Collard Greens	187	0			0.050 ^		NT
Garbanzo Beans, Dried	686	0			0.001 ^		NT
Kiwi Fruit	704	2	0.3	0.006 - 0.008	0.005 ^	V-2	NT
Mustard Greens	595	0			0.003 - 0.005		NT
Orange Juice	191	4	2.1	0.006 - 0.010	0.005 ^		10
Radishes	712	0			0.003 ^		NT
Spinach, Canned	375	0			0.005 ^		NT
Spinach, Frozen	189	0			0.005 ^		NT
Strawberries, Frozen	564	76	13.5	0.053 - 1.0	0.050 ^		3.0
Sweet Bell Peppers	354	0			0.003 ^		NT
Sweet Peas, Canned	379	0			0.005 ^		NT
Sweet Peas, Frozen	126	0			0.005 ^		NT
Tangerines	180	28	15.6	0.007 - 0.18	0.005 ^		10
Tomato Paste	189	0			0.005 ^		0.50
TOTAL	**7,786**	**134**					

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Pyriproxyfen (insecticide, growth regulator)							
Asparagus	298	0			0.001 ^		2.0
Bananas	708	0			0.004 ^		0.20
Basil	343	6	1.7	0.004 - 0.054	0.002 ^		100
Cabbage	300	0			0.005 ^		0.70
Cantaloupe	354	0			0.001 ^		0.10
Cauliflower	176	0			0.002 ^		0.70
Cilantro	176	0			0.002 ^		100
Collard Greens	187	10	5.3	0.001 - 0.46	0.001 ^		2.0
Garbanzo Beans, Dried	686	0			0.002 ^		0.20
Hot Peppers	649	3	0.5	0.007 - 0.026	0.004 ^		0.80
Kiwi Fruit	704	2	0.3	0.005 - 0.006	0.005 ^		0.35
Mustard Greens	595	3	0.5	0.025 - 0.16	0.002 - 0.005		2.0
Orange Juice	191	0			0.001 ^		0.50
Radishes	712	0			0.005 ^		0.15
Spinach, Canned	375	0			0.001 ^		3.0
Spinach, Frozen	189	0			0.001 ^		3.0
Strawberries, Frozen	564	2	0.4	0.004 - 0.016	0.001 ^		0.30
Sweet Bell Peppers	354	9	2.5	0.005 - 0.072	0.005 ^		0.80
Sweet Peas, Canned	379	0			0.001 ^		0.20
Sweet Peas, Frozen	126	0			0.001 ^		0.20
Tangerines	180	1	0.6	0.001 ^	0.001 ^		0.50
Tomato Paste	189	0			0.001 ^		0.80
TOTAL	**8,435**	**36**					
Pyroxasulfone (herbicide)							
Kiwi Fruit	704	0			0.005 ^		NT
Mustard Greens	208	0			0.005 ^		NT
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**1,483**	**0**					
Pyroxsulam (herbicide)							
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**571**	**0**					
Quinalphos (insecticide)							
Cabbage	300	0			0.005 ^		NT
Kiwi Fruit	704	0			0.005 ^		NT
Mustard Greens	275	0			0.005 ^		NT
Orange Juice	191	0			0.001 ^		NT
Radishes	712	0			0.005 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Sweet Bell Peppers	354	0			0.005 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**2,916**	**0**					
Quinoxyfen (fungicide)							
Asparagus	298	0			0.020 ^		NT
Basil	343	0			0.001 ^		NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Cabbage	300	0			0.010 ^		NT
Cantaloupe	354	0			0.020 ^		0.08
Cauliflower	176	0			0.001 ^		NT
Cilantro	176	2	1.1	0.002 - 0.055	0.001 ^	V-2	NT
Collard Greens	187	0			0.020 ^		NT
Garbanzo Beans, Dried	686	0			0.001 ^		NT
Hot Peppers	651	49	7.5	0.002 - 0.068	0.001 ^		1.7
Kiwi Fruit	704	0			0.005 ^		NT
Mustard Greens	595	0			0.001 - 0.005		NT
Orange Juice	191	0			0.001 ^		NT
Radishes	712	0			0.010 ^		NT
Spinach, Canned	375	0			0.001 ^		NT
Spinach, Frozen	189	5	2.6	0.001 - 0.024	0.001 ^	V-5	NT
Strawberries, Frozen	564	6	1.1	0.025 - 0.036	0.020 ^		1.0
Sweet Bell Peppers	354	5	1.4	0.014 - 0.048	0.010 ^		1.7
Sweet Peas, Canned	379	0			0.001 ^		NT
Sweet Peas, Frozen	126	0			0.001 ^		NT
Tangerines	180	0			0.001 ^		NT
Tomato Paste	189	0			0.001 ^		1.7
TOTAL	**7,729**	**67**					
Quintozene - PCNB (fungicide) (parent of HCB, PCA, PCB and PCPMS)							
Basil	343	0			0.001 ^		NT
Cabbage	300	0			0.005 ^		0.1
Cauliflower	176	0			0.001 ^		0.1
Cilantro	176	2	1.1	0.005 - 0.041	0.001 ^	V-2	NT
Garbanzo Beans, Dried	686	0			0.001 ^		0.1
Hot Peppers	651	0			0.006 ^		0.1
Kiwi Fruit	704	0			0.025 ^		NT
Mustard Greens	595	0			0.001 - 0.025		0.2
Orange Juice	191	0			0.001 ^		NT
Radishes	712	0			0.005 ^		NT
Spinach, Canned	375	0			0.001 - 0.005		NT
Spinach, Frozen	189	5	2.6	0.001 - 0.003	0.001 - 0.005	V-5	NT
Sweet Bell Peppers	354	0			0.005 ^		0.1
Sweet Peas, Canned	379	0			0.005 ^		NT
Sweet Peas, Frozen	126	0			0.005 ^		NT
Tangerines	180	0			0.005 ^		NT
Tomato Paste	189	0			0.001 - 0.005		0.1
TOTAL	**6,326**	**7**					
Quizalofop ethyl (herbicide)							
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	375	0			0.001 - 0.025		NT
Spinach, Frozen	189	0			0.001 - 0.025		NT
Sweet Peas, Canned	379	0			0.025 ^		0.3
Sweet Peas, Frozen	126	0			0.025 ^		0.3
Tangerines	180	0			0.025 ^		NT
Tomato Paste	189	0			0.001 - 0.025		NT
TOTAL	**1,629**	**0**					
Resmethrin (insecticide)							
Bananas	708	0			0.010 ^		3.0
Cabbage	300	0			0.020 ^		3.0
Hot Peppers	651	0			0.010 ^		3.0
Kiwi Fruit	704	0			0.030 ^		3.0
Mustard Greens	275	0			0.030 ^		3.0

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Orange Juice	191	0			0.003 ^		3.0
Radishes	712	0			0.020 ^		3.0
Spinach, Canned	375	0			0.003 - 0.050		3.0
Spinach, Frozen	188	0			0.003 - 0.050		3.0
Sweet Bell Peppers	354	0			0.020 ^		3.0
Sweet Peas, Canned	348	0			0.050 ^		3.0
Sweet Peas, Frozen	62	0			0.050 ^		3.0
Tangerines	180	0			0.050 ^		3.0
Tomato Paste	189	0			0.003 - 0.050		3.0
TOTAL	**5,237**	**0**					
Resmethrin cis (isomer of Resmethrin)							
Garbanzo Beans, Dried	685	0			0.002 ^		3.0
Mustard Greens	320	0			0.008 ^		3.0
TOTAL	**1,005**	**0**					
Resmethrin trans (isomer of Resmethrin)							
Asparagus	298	0			0.050 ^		3.0
Basil	343	0			0.008 ^		3.0
Cantaloupe	354	0			0.050 ^		3.0
Cilantro	176	0			0.008 ^		3.0
Collard Greens	187	0			0.050 ^		3.0
Garbanzo Beans, Dried	686	0			0.002 - 0.008		3.0
Mustard Greens	320	0			0.002 ^		3.0
Strawberries, Frozen	564	0			0.050 ^		3.0
TOTAL	**2,928**	**0**					
Rimsulfuron (herbicide)							
Cabbage	300	0			0.010 ^		NT
Orange Juice	191	0			0.003 ^		0.01
Radishes	712	0			0.010 ^		NT
Spinach, Canned	375	0			0.003 - 0.005		NT
Spinach, Frozen	189	0			0.003 - 0.005		NT
Sweet Bell Peppers	354	0			0.010 ^		NT
Sweet Peas, Canned	379	0			0.005 ^		NT
Sweet Peas, Frozen	126	0			0.005 ^		NT
Tangerines	180	0			0.010 ^		0.01
Tomato Paste	189	0			0.003 - 0.010		0.05
TOTAL	**2,995**	**0**					
Rotenone (insecticide)							
Orange Juice	191	0			0.003 ^		NT
Spinach, Canned	204	0			0.003 ^		NT
Spinach, Frozen	102	0			0.003 ^		NT
Tomato Paste	74	0			0.003 ^		NT
TOTAL	**571**	**0**					
Saflufenacil (herbicide)							
Asparagus	298	0			0.010 ^		NT
Bananas	708	0			0.005 ^		0.03
Cabbage	300	0			0.005 ^		NT
Cantaloupe	354	0			0.010 ^		NT
Collard Greens	187	0			0.010 ^		NT
Orange Juice	191	0			0.003 ^		0.03
Radishes	712	0			0.005 ^		NT
Spinach, Canned	375	0			0.003 - 0.020		NT
Spinach, Frozen	189	0			0.003 - 0.020		NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Strawberries, Frozen	564	0			0.010 ^		NT
Sweet Bell Peppers	354	0			0.005 ^		NT
Sweet Peas, Canned	379	0			0.020 ^		0.03
Sweet Peas, Frozen	126	0			0.020 ^		0.03
Tangerines	180	0			0.020 ^		0.03
Tomato Paste	189	0			0.003 - 0.020		NT
TOTAL	**5,106**	**0**					
Sedaxane (fungicide)							
Kiwi Fruit	704	0			0.050 ^		NT
Mustard Greens	275	0			0.050 ^		NT
Orange Juice	191	0			0.005 ^		NT
Spinach, Canned	204	0			0.005 ^		NT
Spinach, Frozen	102	0			0.005 ^		NT
Tomato Paste	74	0			0.005 ^		NT
TOTAL	**1,550**	**0**					
Sethoxydim (herbicide)							
Asparagus	298	0			0.003 ^		4.0
Cantaloupe	354	0			0.003 ^		4.0
Collard Greens	187	0			0.003 ^		5.0
Hot Peppers	651	0			0.002 ^		4.0
Kiwi Fruit	704	0			0.010 ^		NT
Mustard Greens	275	0			0.010 ^		5.0
Orange Juice	191	0			0.003 ^		0.5
Spinach, Canned	375	0			0.003 - 0.005		4.0
Spinach, Frozen	189	0			0.003 - 0.005		4.0
Strawberries, Frozen	564	0			0.003 ^		10
Sweet Peas, Canned	379	0			0.005 ^		10
Sweet Peas, Frozen	126	0			0.005 ^		10
Tangerines	180	0			0.005 ^		0.5
Tomato Paste	189	0			0.003 - 0.005		4.0
TOTAL	**4,662**	**0**					
Sethoxydim sulfone (herbicide metabolite)							
Hot Peppers	651	2	0.3	0.025 - 0.052	0.015 ^		4.0
TOTAL	**651**	**2**					
Sethoxydim sulfoxide (herbicide metabolite)							
Hot Peppers	651	2	0.3	0.094 - 0.17	0.010 ^		4.0
TOTAL	**651**	**2**					
Siduron (herbicide)							
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**571**	**0**					
Simazine (herbicide)							
Asparagus	298	0			0.005 ^		NT
Basil	343	0			0.001 ^		NT
Cantaloupe	354	0			0.005 ^		NT
Cauliflower	176	0			0.001 - 0.003		NT
Cilantro	176	0			0.001 ^		NT
Collard Greens	187	0			0.005 ^		NT
Garbanzo Beans, Dried	686	0			0.001 - 0.003		NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Kiwi Fruit	704	0			0.010 ^		NT
Mustard Greens	595	2	0.3	0.002 ^	0.001 - 0.010	V-2	NT
Orange Juice	191	0			0.001 ^		0.25
Spinach, Canned	375	0			0.001 - 0.005		NT
Spinach, Frozen	189	0			0.001 - 0.005		NT
Strawberries, Frozen	564	0			0.005 ^		0.25
Sweet Peas, Canned	379	0			0.005 ^		NT
Sweet Peas, Frozen	126	0			0.005 ^		NT
Tangerines	180	0			0.005 ^		NT
Tomato Paste	189	0			0.001 - 0.005		NT
TOTAL	**5,712**	**2**					
Simeconazole (fungicide)							
Orange Juice	191	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**265**	**0**					
Simetryn (herbicide)							
Cabbage	300	0			0.005 ^		NT
Orange Juice	191	0			0.001 ^		NT
Radishes	712	0			0.005 ^		NT
Sweet Bell Peppers	354	0			0.005 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**1,631**	**0**					
Spinetoram (insecticide)							
Asparagus	298	0			0.003 ^		0.04
Bananas	708	0			0.005 ^		0.25
Basil	343	62	18.1	0.004 - 2.5	0.003 ^		3.0
Cabbage	300	0			0.010 ^		2.0
Cantaloupe	354	0			0.003 ^		0.30
Cauliflower	176	0			0.001 ^		2.0
Cilantro	176	6	3.4	0.004 - 0.12	0.003 ^		3.0
Collard Greens	187	16	8.6	0.004 - 0.22	0.003 ^		10
Garbanzo Beans, Dried	686	0			0.003 ^		0.04
Hot Peppers	651	4	0.6	0.008 ^	0.005 ^		0.40
Kiwi Fruit	704	0			0.010 ^		NT
Mustard Greens	579	54	9.3	0.003 - 1.5	0.003 - 0.010		10
Orange Juice	191	0			0.010 ^		0.30
Radishes	712	0			0.010 ^		0.10
Spinach, Canned	375	0			0.005 - 0.010		8.0
Spinach, Frozen	189	14	7.4	0.005 - 0.075	0.005 - 0.010		8.0
Strawberries, Frozen	564	35	6.2	0.003 - 0.021	0.003 ^		0.90
Sweet Bell Peppers	354	0			0.010 ^		0.40
Sweet Peas, Canned	379	0			0.005 ^		0.04
Sweet Peas, Frozen	126	0			0.005 ^		0.04
Tangerines	180	0			0.005 ^		0.30
Tomato Paste	189	0			0.005 - 0.010		0.40
TOTAL	**8,421**	**191**					
Spinosad (insecticide) (total of spinosyns A and D)							
Bananas	708	0			0.005 ^		0.25
Basil	343	51	14.9	0.004 - 1.9	0.003 ^		3.0
Cabbage	300	0			0.004 ^		2.0
Cauliflower	176	0			0.003 ^		2.0
Cilantro	176	0			0.003 ^		3.0
Garbanzo Beans, Dried	686	0			0.003 ^		0.02

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Hot Peppers	651	2	0.3	0.008 ^	0.005 ^		0.40
Kiwi Fruit	704	0			0.010 ^		0.02
Mustard Greens	579	7	1.2	0.008 - 0.48	0.003 - 0.010		10.0
Orange Juice	191	0			0.003 ^		0.30
Radishes	712	3	0.4	0.004 - 0.010	0.004 ^		0.10
Spinach, Canned	375	0			0.002 - 0.008		8.0
Spinach, Frozen	189	12	6.3	0.002 - 0.28	0.002 - 0.008		8.0
Sweet Bell Peppers	354	8	2.3	0.004 - 0.018	0.004 ^		0.40
Sweet Peas, Canned	379	0			0.002 ^		0.02
Sweet Peas, Frozen	126	0			0.002 ^		0.02
Tomato Paste	74	0			0.003 ^		0.40
TOTAL	**6,723**	**83**					
Spinosad A (isomer of Spinosad)							
Asparagus	298	0			0.003 ^		0.2
Cantaloupe	354	0			0.003 ^		0.3
Collard Greens	187	5	2.7	0.004 - 0.013	0.003 ^		10.0
Strawberries, Frozen	564	21	3.7	0.003 - 0.016	0.003 ^		0.90
Tangerines	180	0			0.002 ^		0.30
Tomato Paste	115	0			0.002 ^		0.40
TOTAL	**1,698**	**26**					
Spinosad D (isomer of Spinosad)							
Tangerines	180	0			0.002 ^		0.30
Tomato Paste	115	0			0.002 ^		0.40
TOTAL	**295**	**0**					
Spirodiclofen (acaricide)							
Asparagus	298	0			0.010 ^		NT
Cabbage	300	0			0.010 ^		NT
Cantaloupe	354	0			0.010 ^		NT
Cauliflower	176	0			0.006 ^		NT
Collard Greens	187	0			0.010 ^		NT
Garbanzo Beans, Dried	685	0			0.005 - 0.015		NT
Kiwi Fruit	704	5	0.7	0.011 - 0.033	0.010 ^	V-5	NT
Mustard Greens	550	0			0.005 - 0.015		NT
Orange Juice	191	0			0.003 ^		0.60
Radishes	712	0			0.010 ^		NT
Spinach, Canned	318	0			0.003 - 0.005		NT
Spinach, Frozen	131	0			0.003 - 0.005		NT
Strawberries, Frozen	564	0			0.010 ^		NT
Sweet Bell Peppers	354	0			0.010 ^		NT
Sweet Peas, Frozen	62	0			0.005 ^		NT
Tangerines	180	0			0.005 ^		0.50
Tomato Paste	189	0			0.003 - 0.005		NT
TOTAL	**5,955**	**5**					
Spiromesifen Total (parent + enol metabolite) (insecticide)							
Basil	288	2	0.7	0.031 - 0.31	0.008 ^	V-2	NT
Cauliflower	176	0			0.002 ^		2.0
Cilantro	98	0			0.008 - 0.016		NT
Garbanzo Beans, Dried	668	0			0.002 - 0.008		0.02
Mustard Greens	320	1	0.3	0.21 ^	0.002 ^		12
TOTAL	**1,550**	**3**					
Spiromesifen (insecticide)							
Asparagus	298	0			0.010 ^		NT
Cantaloupe	354	0			0.010 ^		0.10

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Collard Greens	187	0			0.010 ^		12
Hot Peppers	651	29	4.5	0.003 - 0.10	0.002 ^		0.45
Kiwi Fruit	704	0			0.010 ^		NT
Mustard Greens	275	1	0.4	0.026 ^	0.010 ^		12
Orange Juice	191	0			0.003 ^		NT
Radishes	712	0			0.002 ^		NT
Spinach, Canned	375	0			0.003 - 0.010		12
Spinach, Frozen	160	0			0.003 - 0.010		12
Strawberries, Frozen	564	47	8.3	0.010 - 0.096	0.010 ^		2.0
Sweet Bell Peppers	354	50	14.1	0.002 - 0.091	0.002 ^		0.45
Sweet Peas, Canned	379	0			0.010 ^		NT
Sweet Peas, Frozen	94	0			0.010 ^		NT
Tangerines	180	0			0.010 ^		NT
Tomato Paste	189	0			0.003 - 0.010		0.80
TOTAL	**5,667**	**127**					
Spiromesifen alcohol (metabolite of Spiromesifen)							
Hot Peppers	651	0			0.010 ^		0.45
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	204	0			0.001 ^		12
Spinach, Frozen	102	0			0.001 ^		12
Tomato Paste	74	0			0.001 ^		0.80
TOTAL	**1,222**	**0**					
Spiromesifen enol metabolite (metabolite of Spiromesifen)							
Kiwi Fruit	704	0			0.010 ^		NT
Mustard Greens	275	0			0.050 ^		12
TOTAL	**979**	**0**					
Spirotetramat (insecticide)							
Asparagus	298	0			0.002 ^		0.10
Bananas	708	0			0.003 ^		4.0
Basil	343	0			0.002 ^		NT
Cabbage	300	0			0.010 ^		2.5
Cantaloupe	354	0			0.002 ^		0.30
Cauliflower	176	0			0.002 ^		2.5
Cilantro	176	0			0.002 ^		NT
Collard Greens	187	9	4.8	0.002 - 0.18	0.002 ^		8.0
Garbanzo Beans, Dried	686	0			0.002 ^		2.5
Hot Peppers	651	2	0.3	0.005 ^	0.003 ^		2.5
Kiwi Fruit	704	0			0.005 ^		NT
Mustard Greens	595	15	2.5	0.003 - 0.19	0.002 - 0.005		8.0
Orange Juice	191	0			0.001 ^		0.60
Radishes	712	0			0.010 ^		NT
Spinach, Canned	375	0			0.001 - 0.002		9.0
Spinach, Frozen	189	1	0.5	0.002 ^	0.001 - 0.002		9.0
Strawberries, Frozen	564	11	2	0.002 - 0.005	0.002 ^		0.40
Sweet Bell Peppers	354	0			0.010 ^		2.5
Sweet Peas, Canned	379	0			0.002 ^		2.5
Sweet Peas, Frozen	126	0			0.002 ^		2.5
Tangerines	180	0			0.002 ^		0.60
Tomato Paste	189	0			0.001 - 0.002		2.5
TOTAL	**8,437**	**38**					
Spiroxamine (fungicide)							
Asparagus	298	0			0.010 ^		0.05
Bananas	708	0			0.001 ^		3.0

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Cabbage	300	0			0.010 ^		NT
Cantaloupe	354	0			0.010 ^		NT
Collard Greens	187	0			0.010 ^		NT
Hot Peppers	651	0			0.001 ^		1.2
Kiwi Fruit	704	0			0.005 ^		NT
Mustard Greens	275	0			0.005 ^		NT
Orange Juice	191	0			0.001 ^		NT
Radishes	712	0			0.010 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Strawberries, Frozen	564	0			0.010 ^		NT
Sweet Bell Peppers	354	0			0.010 ^		1.2
Tangerines	180	0			0.002 ^		NT
Tomato Paste	189	0			0.001 - 0.002		1.2
TOTAL	**5,973**	**0**					
Sulfallate (herbicide)							
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**571**	**0**					
Sulfentrazone (herbicide)							
Cabbage	300	0			0.005 ^		0.20
Hot Peppers	651	0			0.040 ^		0.15
Kiwi Fruit	704	0			0.035 ^		0.15
Mustard Greens	275	0			0.035 ^		0.60
Orange Juice	191	0			0.003 ^		0.15
Radishes	693	0			0.005 ^		NT
Spinach, Canned	375	0			0.003 - 0.015		NT
Spinach, Frozen	189	0			0.003 - 0.015		NT
Sweet Bell Peppers	354	0			0.005 ^		0.15
Sweet Peas, Canned	379	0			0.015 ^		0.15
Sweet Peas, Frozen	126	0			0.015 ^		0.15
Tangerines	180	0			0.050 ^		0.15
Tomato Paste	189	0			0.003 - 0.050		0.15
TOTAL	**4,606**	**0**					
Sulfometuron methyl (herbicide)							
Orange Juice	191	0			0.010 ^		NT
Spinach, Canned	204	0			0.010 ^		NT
Spinach, Frozen	102	0			0.010 ^		NT
Tomato Paste	74	0			0.010 ^		NT
TOTAL	**571**	**0**					
Sulfosulfuron (herbicide)							
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**571**	**0**					
Sulfoxaflor (insecticide)							
Basil	343	6	1.7	0.010 - 5.8	0.004 ^	V-6	NT
Cauliflower	176	0			0.004 ^		0.08
Cilantro	176	1	0.6	0.062 ^	0.004 ^		6

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Garbanzo Beans, Dried	686	0			0.004 ^		0.20
Hot Peppers	651	11	1.7	0.017 - 0.038	0.010 ^		0.70
Mustard Greens	320	14	4.4	0.004 - 0.13	0.004 ^		2
Orange Juice	191	0			0.003 ^		0.70
Spinach, Canned	375	0			0.003 - 0.050		6
Spinach, Frozen	189	0			0.003 - 0.050		6
Sweet Peas, Canned	379	0			0.050 ^		NT
Sweet Peas, Frozen	126	0			0.050 ^		NT
Tangerines	180	0			0.15 ^		0.70
Tomato Paste	189	0			0.003 - 0.15		2.60
TOTAL	**3,981**	**32**					
Sulprofos (insecticide)							
Basil	343	0			0.002 ^		NT
Cauliflower	176	0			0.002 ^		NT
Cilantro	176	0			0.002 ^		NT
Garbanzo Beans, Dried	686	0			0.002 ^		NT
Mustard Greens	320	0			0.002 ^		NT
Orange Juice	191	0			0.003 ^		NT
Spinach, Canned	204	0			0.003 ^		NT
Spinach, Frozen	102	0			0.003 ^		NT
Tomato Paste	74	0			0.003 ^		NT
TOTAL	**2,272**	**0**					
TCMTB (fungicide)							
Kiwi Fruit	704	0			0.010 ^		NT
Mustard Greens	275	0			0.010 ^		NT
Orange Juice	191	0			0.005 ^		NT
Spinach, Canned	375	0			0.005 - 0.10		NT
Spinach, Frozen	160	0			0.005 - 0.10		NT
Sweet Peas, Canned	379	0			0.10 ^		NT
Sweet Peas, Frozen	94	0			0.10 ^		NT
Tangerines	180	0			0.10 ^		NT
Tomato Paste	189	0			0.005 - 0.10		NT
TOTAL	**2,547**	**0**					
Tebuconazole (fungicide)							
Asparagus	298	0			0.010 ^		0.05
Bananas	708	0			0.004 ^		0.05
Basil	343	9	2.6	0.004 - 0.036	0.003 ^	V-9	NT
Cabbage	300	1	0.3	0.009 ^	0.005 ^	V-1	NT
Cantaloupe	354	0			0.010 ^		0.4
Cauliflower	176	0			0.001 ^		NT
Cilantro	176	4	2.3	0.005 - 0.36	0.003 ^	V-4	NT
Collard Greens	187	1	0.5	6.5 ^	0.010 ^	X-1	2.5
Garbanzo Beans, Dried	686	3	0.4	0.002 ^	0.001 - 0.003		0.1
Hot Peppers	651	38	5.8	0.007 - 0.16	0.004 ^		1.3
Kiwi Fruit	704	0			0.015 ^		NT
Mustard Greens	595	37	6.2	0.002 - 4.4	0.001 - 0.015	X-4	2.5
Orange Juice	191	0			0.001 ^		1.0
Radishes	712	1	0.1	0.009 ^	0.005 ^	V-1	NT
Spinach, Canned	375	0			0.003 - 0.005		NT
Spinach, Frozen	189	0			0.003 - 0.005		NT
Strawberries, Frozen	564	3	0.5	0.011 - 0.053	0.010 ^	V-3	NT
Sweet Bell Peppers	354	2	0.6	0.028 - 0.033	0.005 ^		1.3
Sweet Peas, Canned	379	0			0.005 ^		NT
Sweet Peas, Frozen	126	0			0.005 ^		NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Tangerines	180	0			0.005 ^		1.0
Tomato Paste	189	0			0.001 - 0.005		1.3
TOTAL	**8,437**	**99**					
Tebufenozide (insecticide)							
Asparagus	298	0			0.002 ^		NT
Basil	343	6	1.7	0.005 - 0.012	0.005 ^	V-6	NT
Cabbage	300	0			0.005 ^		5.0
Cantaloupe	354	0			0.002 ^		NT
Cauliflower	176	0			0.002 ^		5.0
Cilantro	176	0			0.005 ^		NT
Collard Greens	187	4	2.1	0.002 - 0.004	0.002 ^		10.0
Garbanzo Beans, Dried	686	0			0.005 ^		NT
Hot Peppers	651	1	0.2	0.012 ^	0.001 ^		1.0
Kiwi Fruit	704	0			0.005 ^		0.5
Mustard Greens	595	0			0.005 ^		10.0
Orange Juice	191	0			0.005 ^		2.0
Radishes	712	0			0.005 ^		NT
Spinach, Canned	375	0			0.002 - 0.005		10.0
Spinach, Frozen	189	1	0.5	0.004 ^	0.002 - 0.005		10.0
Strawberries, Frozen	564	0			0.002 ^		NT
Sweet Bell Peppers	354	1	0.3	0.057 ^	0.005 ^		1.0
Sweet Peas, Canned	379	0			0.002 ^		NT
Sweet Peas, Frozen	126	0			0.002 ^		NT
Tangerines	180	0			0.010 ^		2.0
Tomato Paste	189	0			0.005 - 0.010		1.0
TOTAL	**7,729**	**13**					
Tebufenpyrad (insecticide, acaricide)							
Cabbage	300	0			0.010 ^		NT
Kiwi Fruit	704	0			0.005 ^		NT
Mustard Greens	275	0			0.005 ^		NT
Orange Juice	191	0			0.001 ^		NT
Radishes	712	0			0.010 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Sweet Bell Peppers	354	0			0.010 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**2,916**	**0**					
Tebupirimfos (insecticide)							
Basil	343	0			0.001 ^		NT
Cauliflower	176	0			0.001 ^		NT
Cilantro	176	0			0.001 ^		NT
Garbanzo Beans, Dried	686	0			0.001 ^		NT
Mustard Greens	320	0			0.001 ^		NT
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**2,272**	**0**					
Tebutam (herbicide)							
Orange Juice	191	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**265**	**0**					

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Tebuthiuron (herbicide)							
Basil	343	0			0.003 ^		NT
Cauliflower	176	0			0.003 ^		NT
Cilantro	176	0			0.003 ^		NT
Garbanzo Beans, Dried	686	0			0.001 - 0.003		NT
Mustard Greens	320	0			0.001 ^		NT
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**2,272**	**0**					
Tecnazene (plant growth regulator)							
Basil	343	0			0.001 ^		NT
Cabbage	300	0			0.005 ^		NT
Cauliflower	176	0			0.001 ^		NT
Cilantro	176	1	0.6	0.002 ^	0.001 ^	V-1	NT
Garbanzo Beans, Dried	686	0			0.001 ^		NT
Mustard Greens	320	0			0.001 ^		NT
Orange Juice	191	0			0.001 ^		NT
Radishes	712	0			0.005 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Sweet Bell Peppers	354	0			0.005 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**3,638**	**1**					
Teflubenzuron (insecticide)							
Kiwi Fruit	704	0			0.020 ^		NT
Mustard Greens	275	0			0.020 ^		NT
Orange Juice	191	0			0.005 ^		0.60
Spinach, Canned	375	0			0.005 - 0.010		NT
Spinach, Frozen	189	0			0.005 - 0.010		NT
Sweet Peas, Canned	379	0			0.010 ^		NT
Sweet Peas, Frozen	126	0			0.010 ^		NT
Tangerines	180	0			0.050 ^		NT
Tomato Paste	189	0			0.005 - 0.050		1.5
TOTAL	**2,608**	**0**					
Tefluthrin (insecticide)							
Asparagus	298	0			0.002 ^		NT
Bananas	708	0			0.001 ^		NT
Basil	343	0			0.001 ^		NT
Cabbage	300	0			0.005 ^		NT
Cantaloupe	354	0			0.002 ^		NT
Cauliflower	176	0			0.001 ^		NT
Cilantro	176	0			0.001 ^		NT
Collard Greens	187	0			0.002 ^		NT
Garbanzo Beans, Dried	686	0			0.001 ^		NT
Hot Peppers	651	0			0.001 ^		NT
Kiwi Fruit	704	0			0.010 ^		NT
Mustard Greens	595	0			0.001 - 0.010		NT
Orange Juice	191	0			0.001 ^		NT
Radishes	712	0			0.005 ^		NT
Spinach, Canned	375	0			0.001 - 0.005		NT
Spinach, Frozen	189	0			0.001 - 0.005		NT
Strawberries, Frozen	564	0			0.002 ^		NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Sweet Bell Peppers	354	0			0.005 ^		NT
Sweet Peas, Canned	379	0			0.005 ^		NT
Sweet Peas, Frozen	126	0			0.005 ^		NT
Tangerines	180	0			0.005 ^		NT
Tomato Paste	189	0			0.001 - 0.005		NT
TOTAL	**8,437**	**0**					
Temephos (insecticide)							
Orange Juice	191	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**265**	**0**					
Tepraloxydim (herbicide)							
Orange Juice	191	0			0.010 ^		NT
Spinach, Canned	375	0			0.010 ^		NT
Spinach, Frozen	189	0			0.010 ^		NT
Sweet Peas, Canned	379	0			0.010 ^		NT
Sweet Peas, Frozen	126	0			0.010 ^		NT
Tangerines	180	0			0.010 ^		NT
Tomato Paste	189	0			0.010 ^		NT
TOTAL	**1,629**	**0**					
Terbacil (herbicide)							
Asparagus	298	0			0.010 ^		0.4
Basil	343	0			0.003 ^		NT
Cabbage	300	0			0.008 ^		NT
Cantaloupe	354	0			0.010 ^		NT
Cauliflower	176	0			0.003 ^		NT
Cilantro	176	0			0.003 ^		NT
Collard Greens	187	0			0.010 ^		NT
Garbanzo Beans, Dried	665	0			0.003 - 0.010		NT
Kiwi Fruit	704	0			0.020 ^		NT
Mustard Greens	595	0			0.003 - 0.020		NT
Orange Juice	191	0			0.001 ^		NT
Radishes	712	0			0.008 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Strawberries, Frozen	564	0			0.010 ^		0.1
Sweet Bell Peppers	354	0			0.008 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**5,999**	**0**					
Terbufos (insecticide)							
Bananas	708	0			0.005 ^		0.025
Kiwi Fruit	704	0			0.010 ^		NT
Mustard Greens	275	0			0.010 ^		NT
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	375	0			0.001 - 0.005		NT
Spinach, Frozen	189	0			0.001 - 0.005		NT
Sweet Peas, Canned	379	0			0.005 ^		NT
Sweet Peas, Frozen	126	0			0.005 ^		NT
Tangerines	180	0			0.005 ^		NT
Tomato Paste	189	0			0.001 - 0.005		NT
TOTAL	**3,316**	**0**					
Terbufos oxygen analog (metabolite of Terbufos)							
Bananas	708	0			0.006 ^		0.025
Kiwi Fruit	704	0			0.005 ^		NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Mustard Greens	275	0			0.005 ^		NT
Spinach, Canned	171	0			0.001 ^		NT
Spinach, Frozen	87	0			0.001 ^		NT
Sweet Peas, Canned	379	0			0.001 ^		NT
Sweet Peas, Frozen	126	0			0.001 ^		NT
Tangerines	180	0			0.005 ^		NT
Tomato Paste	115	0			0.005 ^		NT
TOTAL	**2,745**	**0**					
Terbufos oxygen analog sulfone (metabolite of Terbufos)							
Bananas	708	0			0.006 ^		0.025
Kiwi Fruit	704	0			0.005 ^		NT
Mustard Greens	275	0			0.005 ^		NT
Orange Juice	191	0			0.010 ^		NT
Spinach, Canned	375	0			0.005 - 0.010		NT
Spinach, Frozen	189	0			0.005 - 0.010		NT
Sweet Peas, Canned	379	0			0.005 ^		NT
Sweet Peas, Frozen	126	0			0.005 ^		NT
Tangerines	180	0			0.005 ^		NT
Tomato Paste	189	0			0.005 - 0.010		NT
TOTAL	**3,316**	**0**					
Terbufos oxygen analog sulfoxide (metabolite of Terbufos)							
Bananas	708	0			0.003 ^		0.025
Spinach, Canned	171	0			0.005 ^		NT
Spinach, Frozen	87	0			0.005 ^		NT
Sweet Peas, Canned	379	0			0.005 ^		NT
Sweet Peas, Frozen	126	0			0.005 ^		NT
Tangerines	180	0			0.005 ^		NT
Tomato Paste	115	0			0.005 ^		NT
TOTAL	**1,766**	**0**					
Terbufos sulfone (metabolite of Terbufos)							
Bananas	708	0			0.010 ^		0.025
Basil	343	0			0.003 ^		NT
Cauliflower	176	0			0.001 ^		NT
Cilantro	176	0			0.003 ^		NT
Garbanzo Beans, Dried	686	0			0.001 - 0.003		NT
Kiwi Fruit	704	0			0.010 ^		NT
Mustard Greens	595	0			0.001 - 0.010		NT
Orange Juice	191	0			0.005 ^		NT
Spinach, Canned	375	0			0.005 - 0.025		NT
Spinach, Frozen	189	0			0.005 - 0.025		NT
Sweet Peas, Canned	379	0			0.025 ^		NT
Sweet Peas, Frozen	126	0			0.025 ^		NT
Tangerines	180	0			0.025 ^		NT
Tomato Paste	189	0			0.005 - 0.025		NT
TOTAL	**5,017**	**0**					
Terbufos sulfoxide (metabolite of Terbufos)							
Bananas	708	0			0.020 ^		0.025
Kiwi Fruit	704	0			0.005 ^		NT
Mustard Greens	275	0			0.005 ^		NT
Orange Juice	191	0			0.003 ^		NT
Spinach, Canned	375	0			0.002 - 0.003		NT
Spinach, Frozen	189	0			0.002 - 0.003		NT
Sweet Peas, Canned	379	0			0.002 ^		NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Sweet Peas, Frozen	126	0			0.002 ^		NT
Tangerines	180	0			0.002 ^		NT
Tomato Paste	189	0			0.002 - 0.003		NT
TOTAL	**3,316**	**0**					
Terbuthylazine (herbicide)							
Cabbage	300	0			0.005 ^		NT
Kiwi Fruit	704	0			0.005 ^		NT
Mustard Greens	275	0			0.005 ^		NT
Orange Juice	191	0			0.001 ^		NT
Radishes	712	0			0.005 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	1	1	0.011 ^	0.001 ^	V-1	NT
Sweet Bell Peppers	354	0			0.005 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**2,916**	**1**					
Terbutryn (herbicide)							
Orange Juice	191	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**367**	**0**					
Tetrachlorvinphos (insecticide)							
Basil	343	0			0.005 ^		NT
Cauliflower	176	0			0.002 ^		NT
Cilantro	176	0			0.005 ^		NT
Garbanzo Beans, Dried	686	0			0.002 - 0.005		NT
Mustard Greens	320	0			0.002 ^		NT
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	375	0			0.001 - 0.005		NT
Spinach, Frozen	189	0			0.001 - 0.005		NT
Sweet Peas, Canned	379	0			0.005 ^		NT
Sweet Peas, Frozen	126	0			0.005 ^		NT
Tangerines	180	0			0.010 ^		NT
Tomato Paste	189	0			0.001 - 0.010		NT
TOTAL	**3,330**	**0**					
Tetraconazole (fungicide)							
Asparagus	298	0			0.010 ^		NT
Basil	283	0			0.001 ^		NT
Cantaloupe	354	0			0.010 ^		0.15
Cauliflower	176	0			0.001 ^		NT
Cilantro	117	0			0.001 - 0.003		NT
Collard Greens	187	0			0.010 ^		NT
Garbanzo Beans, Dried	602	0			0.001 ^		0.09
Hot Peppers	651	8	1.2	0.002 - 0.062	0.001 ^		0.30
Kiwi Fruit	704	0			0.010 ^		NT
Mustard Greens	275	0			0.010 ^		NT
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Strawberries, Frozen	564	5	0.9	0.011 - 0.052	0.010 ^		0.25
Tangerines	180	0			0.001 ^		NT
Tomato Paste	189	0			0.001 ^		0.30
TOTAL	**5,077**	**13**					

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Tetradifon (insecticide)							
Asparagus	298	0			0.010 ^		NT
Basil	343	0			0.002 ^		NT
Cabbage	300	0			0.005 ^		NT
Cantaloupe	354	0			0.010 ^		NT
Cauliflower	176	0			0.002 ^		NT
Cilantro	176	0			0.002 ^		NT
Collard Greens	187	0			0.010 ^		NT
Garbanzo Beans, Dried	686	0			0.002 ^		NT
Kiwi Fruit	704	0			0.020 ^		NT
Mustard Greens	595	0			0.002 - 0.020		NT
Orange Juice	191	0			0.003 ^		NT
Radishes	712	0			0.005 ^		NT
Spinach, Canned	204	0			0.003 ^		NT
Spinach, Frozen	102	0			0.003 ^		NT
Strawberries, Frozen	564	0			0.010 ^		NT
Sweet Bell Peppers	354	0			0.005 ^		NT
Tomato Paste	74	0			0.003 ^		NT
TOTAL	**6,020**	**0**					
Tetrahydrophthalimide - THPI (metabolite of Captafol and Captan)							
Asparagus	269	1	0.4	0.031 ^	0.010 ^	V-1	NT
Basil	343	4	1.2	0.006 - 0.87	0.004 - 0.012	V-4	NT
Cantaloupe	324	0			0.010 ^		0.05
Cauliflower	176	0			0.004 - 0.024		0.05
Cilantro	176	1	0.6	0.006 ^	0.004 - 0.012	V-1	NT
Collard Greens	187	0			0.010 ^		0.05
Garbanzo Beans, Dried	644	0			0.004 - 0.012		0.05
Hot Peppers	651	1	0.2	0.050 ^	0.030 ^		0.05
Mustard Greens	320	0			0.004 - 0.012		0.05
Orange Juice	191	0			0.005 ^		NT
Spinach, Canned	68	0			0.005 ^		0.05
Spinach, Frozen	102	0			0.005 ^		0.05
Strawberries, Frozen	533	206	38.6	0.010 - 0.79	0.010 ^		20.0
Tomato Paste	74	0			0.005 ^		0.05
TOTAL	**4,058**	**213**					
Tetramethrin (insecticide)							
Asparagus	298	0			0.005 ^		NT
Bananas	708	0			0.006 ^		NT
Cabbage	300	0			0.005 ^		NT
Cantaloupe	354	0			0.005 ^		NT
Collard Greens	187	0			0.005 ^		NT
Hot Peppers	651	0			0.006 ^		NT
Kiwi Fruit	704	0			0.10 ^		NT
Mustard Greens	275	0			0.10 ^		NT
Orange Juice	191	0			0.005 ^		NT
Radishes	712	0			0.005 ^		NT
Spinach, Canned	375	0			0.005 - 0.010		NT
Spinach, Frozen	189	0			0.005 - 0.010		NT
Strawberries, Frozen	564	0			0.005 ^		NT
Sweet Bell Peppers	354	0			0.005 ^		NT
Sweet Peas, Canned	379	0			0.010 ^		NT
Sweet Peas, Frozen	126	0			0.010 ^		NT
Tangerines	180	0			0.010 ^		NT
Tomato Paste	189	0			0.005 - 0.010		NT
TOTAL	**6,736**	**0**					

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Thiabendazole (fungicide) (parent of 5-hydroxythiabendazole)							
Asparagus	298	1	0.3	0.003 ^	0.002 ^	V-1	NT
Bananas	708	314	44.4	0.005 - 0.46	0.003 ^		3.0
Basil	343	4	1.2	0.002 - 0.081	0.001 ^	V-4	NT
Cabbage	300	0			0.010 ^		0.02
Cantaloupe	354	13	3.7	0.002 - 0.010	0.002 ^		15.0
Cauliflower	176	0			0.001 ^		0.02
Cilantro	176	0			0.001 ^		NT
Collard Greens	187	0			0.002 ^		NT
Garbanzo Beans, Dried	686	2	0.3	0.004 - 0.005	0.001 ^		0.1
Kiwi Fruit	704	5	0.7	0.006 - 0.014	0.005 ^	V-5	NT
Mustard Greens	595	0			0.001 - 0.005		NT
Orange Juice	191	63	33	0.001 - 0.10	0.001 ^		10.0
Radishes	712	0			0.010 ^		0.02
Spinach, Canned	347	0			0.001 - 0.005		0.02
Spinach, Frozen	189	0			0.001 - 0.005		0.02
Strawberries, Frozen	564	56	9.9	0.002 - 0.024	0.002 ^		5.0
Sweet Bell Peppers	354	0			0.010 ^		NT
Sweet Peas, Canned	379	0			0.005 ^		0.02
Sweet Peas, Frozen	126	0			0.005 ^		0.02
Tangerines	180	118	65.6	0.012 - 0.86	0.010 ^		10.0
Tomato Paste	189	0			0.001 - 0.010		NT
TOTAL	**7,758**	**576**					
Thiacloprid (insecticide)							
Asparagus	298	0			0.001 ^		NT
Basil	343	2	0.6	0.002 - 0.021	0.001 ^	V-2	NT
Cabbage	300	0			0.010 ^		NT
Cantaloupe	354	0			0.001 ^		NT
Cauliflower	176	0			0.001 ^		NT
Cilantro	176	0			0.001 ^		NT
Collard Greens	187	0			0.001 ^		NT
Garbanzo Beans, Dried	686	0			0.001 ^		NT
Hot Peppers	651	25	3.8	0.033 - 0.15	0.020 ^		1.0
Kiwi Fruit	704	0			0.005 ^		NT
Mustard Greens	595	0			0.001 - 0.005		NT
Orange Juice	191	0			0.001 ^		NT
Radishes	712	0			0.010 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Strawberries, Frozen	564	0			0.001 ^		NT
Sweet Bell Peppers	354	9	2.5	0.016 - 0.046	0.010 ^		1.0
Tangerines	180	0			0.005 ^		NT
Tomato Paste	189	0			0.001 - 0.005		NT
TOTAL	**6,966**	**36**					
Thiamethoxam (insecticide) (also a parent of Clothianidin)							
Asparagus	298	0			0.003 ^		0.02
Bananas	708	0			0.040 ^		0.03
Basil	343	19	5.5	0.003 - 0.21	0.002 ^	X-7	0.02
Cabbage	300	11	3.7	0.010 - 0.063	0.010 ^		4.5
Cantaloupe	354	57	16.1	0.003 - 0.022	0.003 ^		0.2
Cauliflower	176	49	27.8	0.003 - 0.032	0.002 ^		4.5
Cilantro	176	15	8.5	0.003 - 0.014	0.002 ^		0.02
Collard Greens	187	37	19.8	0.003 - 0.84	0.003 ^		3.0
Garbanzo Beans, Dried	686	1	0.1	0.003 ^	0.002 ^		0.02

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Hot Peppers	651	60	9.2	0.067 - 0.19	0.040 ^		0.25
Kiwi Fruit	704	0			0.005 ^		0.02
Mustard Greens	595	122	20.5	0.003 - 0.13	0.002 - 0.005		3.0
Orange Juice	191	0			0.001 ^		0.40
Radishes	712	4	0.6	0.022 - 0.082	0.010 ^	X-1	0.05
Spinach, Canned	375	6	1.6	0.001 - 0.056	0.001 - 0.010		4.0
Spinach, Frozen	189	1	0.5	0.005 ^	0.001 - 0.010		4.0
Strawberries, Frozen	564	152	27	0.003 - 0.087	0.003 ^		0.30
Sweet Bell Peppers	354	48	13.6	0.010 - 0.11	0.010 ^		0.25
Sweet Peas, Canned	379	0			0.010 ^		0.02
Sweet Peas, Frozen	126	0			0.010 ^		0.02
Tangerines	180	0			0.020 ^		0.40
Tomato Paste	189	30	15.9	0.001 - 0.009	0.001 - 0.020		0.80
TOTAL	**8,437**	**612**					
Thiazopyr (herbicide)							
Asparagus	298	0			0.008 ^		NT
Cantaloupe	354	0			0.008 ^		NT
Collard Greens	187	0			0.008 ^		NT
Orange Juice	191	0			0.003 ^		NT
Spinach, Canned	375	0			0.001 - 0.003		NT
Spinach, Frozen	189	0			0.001 - 0.003		NT
Strawberries, Frozen	564	0			0.008 ^		NT
Sweet Peas, Canned	379	0			0.001 ^		NT
Sweet Peas, Frozen	126	0			0.001 ^		NT
Tangerines	180	0			0.001 ^		NT
Tomato Paste	189	0			0.001 - 0.003		NT
TOTAL	**3,032**	**0**					
Thidiazuron (plant growth regulator)							
Orange Juice	191	0			0.005 ^		NT
Spinach, Canned	204	0			0.005 ^		NT
Spinach, Frozen	102	0			0.005 ^		NT
Tomato Paste	74	0			0.005 ^		NT
TOTAL	**571**	**0**					
Thiencarbazone methyl (herbicide)							
Kiwi Fruit	704	0			0.020 ^		NT
Mustard Greens	275	0			0.020 ^		NT
Orange Juice	191	0			0.003 ^		NT
Spinach, Canned	204	0			0.003 ^		NT
Spinach, Frozen	102	0			0.003 ^		NT
Tomato Paste	74	0			0.003 ^		NT
TOTAL	**1,550**	**0**					
Thifensulfuron methyl (herbicide)							
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**571**	**0**					
Thiobencarb (herbicide)							
Asparagus	298	0			0.010 ^		NT
Basil	343	0			0.001 ^		NT
Cantaloupe	354	0			0.010 ^		NT
Cauliflower	176	0			0.001 ^		NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Cilantro	176	0			0.001 ^		NT
Collard Greens	187	0			0.010 ^		NT
Garbanzo Beans, Dried	686	0			0.001 ^		NT
Mustard Greens	320	0			0.001 ^		NT
Orange Juice	191	0			0.003 ^		NT
Spinach, Canned	204	0			0.003 ^		NT
Spinach, Frozen	102	0			0.003 ^		NT
Strawberries, Frozen	564	0			0.010 ^		NT
Tomato Paste	74	0			0.003 ^		NT
TOTAL	**3,675**	**0**					
Thiodicarb (insecticide)							
Asparagus	298	0			0.003 ^		NT
Collard Greens	187	0			0.003 ^		NT
Kiwi Fruit	704	0			0.010 ^		NT
Mustard Greens	275	0			0.010 ^		NT
Orange Juice	191	0			0.010 ^		NT
Spinach, Canned	204	0			0.010 ^		35
Spinach, Frozen	102	0			0.010 ^		35
Strawberries, Frozen	564	0			0.003 ^		NT
Tomato Paste	74	0			0.010 ^		NT
TOTAL	**2,599**	**0**					
Thionazin (insecticide, fumigant)							
Orange Juice	191	0			0.003 ^		NT
Spinach, Canned	204	0			0.003 ^		NT
Spinach, Frozen	102	0			0.003 ^		NT
Tomato Paste	74	0			0.003 ^		NT
TOTAL	**571**	**0**					
Thiophanate methyl (fungicide)							
Bananas	708	0			0.060 ^		2.0
Hot Peppers	651	2	0.3	0.10 - 0.37	0.060 ^	V-2	NT
Mustard Greens	275	0			0.10 ^		NT
Spinach, Canned	171	0			0.005 ^		NT
Spinach, Frozen	87	0			0.005 ^		NT
Sweet Peas, Canned	379	0			0.005 ^		NT
Sweet Peas, Frozen	126	0			0.005 ^		NT
Tangerines	180	0			0.020 ^		NT
Tomato Paste	115	0			0.020 ^		NT
TOTAL	**2,692**	**2**					
Thiram (fungicide)							
Bananas	147	0			0.090 ^		2.0
TOTAL	**147**	**0**					
Tolclofos methyl (fungicide)							
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	204	0			0.003 ^		NT
Spinach, Frozen	102	0			0.003 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**571**	**0**					
Tolfenpyrad (insecticide)							
Hot Peppers	651	15	2.3	0.008 - 0.50	0.005 ^		1.5
Mustard Greens	275	7	2.5	0.023 - 1.3	0.020 ^		40
Orange Juice	191	0			0.003 ^		1.5

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Spinach, Canned	375	14	3.7	0.003 - 5.0	0.003 - 0.005		30.0
Spinach, Frozen	189	0			0.003 - 0.005		30.0
Sweet Peas, Canned	379	0			0.005 ^		NT
Sweet Peas, Frozen	126	0			0.005 ^		NT
Tangerines	180	0			0.005 ^		1.5
Tomato Paste	189	0			0.003 - 0.005		1.5
TOTAL	**2,555**	**36**					
Tolylfluanid (fungicide)							
Kiwi Fruit	704	0			0.050 ^		NT
TOTAL	**704**	**0**					
Topramezone (herbicide)							
Spinach, Frozen	87	0			0.10 ^		NT
TOTAL	**87**	**0**					
Tri-Allate (herbicide)							
Cabbage	300	0			0.005 ^		NT
Orange Juice	191	0			0.001 ^		NT
Radishes	712	0			0.005 ^		NT
Spinach, Canned	375	0			0.001 - 0.005		NT
Spinach, Frozen	189	2	1.1	0.003 ^	0.001 - 0.005	V-2	NT
Sweet Bell Peppers	354	0			0.005 ^		NT
Sweet Peas, Canned	379	0			0.005 ^		0.2
Sweet Peas, Frozen	126	0			0.005 ^		0.2
Tangerines	180	0			0.005 ^		NT
Tomato Paste	189	0			0.001 - 0.005		NT
TOTAL	**2,995**	**2**					
Triadimefon (fungicide) (also a parent of Triadimenol)							
Basil	343	0			0.001 ^		NT
Cabbage	300	0			0.005 ^		NT
Cauliflower	176	0			0.001 ^		NT
Cilantro	176	0			0.001 ^		NT
Garbanzo Beans, Dried	686	0			0.001 ^		NT
Kiwi Fruit	704	0			0.005 ^		NT
Mustard Greens	595	0			0.001 - 0.005		NT
Orange Juice	191	0			0.003 ^		NT
Radishes	712	0			0.005 ^		NT
Spinach, Canned	204	0			0.003 ^		NT
Spinach, Frozen	102	0			0.003 ^		NT
Sweet Bell Peppers	354	0			0.005 ^		NT
Tomato Paste	74	0			0.003 ^		NT
TOTAL	**4,617**	**0**					
Triadimenol (fungicide) (also a metabolite of Triadimefon)							
Bananas	708	0			0.020 ^		0.2
Cabbage	300	0			0.005 ^		NT
Kiwi Fruit	704	0			0.040 ^		NT
Mustard Greens	275	0			0.040 ^		NT
Orange Juice	191	0			0.020 ^		NT
Radishes	712	0			0.005 ^		NT
Spinach, Canned	204	0			0.020 ^		NT
Spinach, Frozen	102	0			0.020 ^		NT
Sweet Bell Peppers	354	0			0.005 ^		NT
Tomato Paste	74	0			0.020 ^		NT
TOTAL	**3,624**	**0**					

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Triasulfuron (herbicide)							
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**571**	**0**					
Triazophos (insecticide)							
Cabbage	300	0			0.010 ^		NT
Kiwi Fruit	704	0			0.010 ^		NT
Mustard Greens	275	0			0.010 ^		NT
Orange Juice	191	0			0.001 ^		NT
Radishes	712	0			0.010 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Sweet Bell Peppers	354	0			0.010 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**2,916**	**0**					
Tribenuron methyl (herbicide)							
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**571**	**0**					
Trichlorfon (insecticide)							
Asparagus	298	0			0.010 ^		NT
Cantaloupe	354	0			0.010 ^		NT
Collard Greens	187	0			0.010 ^		NT
Kiwi Fruit	704	0			0.050 ^		NT
Mustard Greens	275	0			0.050 ^		NT
Orange Juice	191	0			0.003 ^		NT
Spinach, Canned	375	0			0.003 - 0.040		NT
Spinach, Frozen	189	0			0.003 - 0.040		NT
Strawberries, Frozen	564	0			0.010 ^		NT
Sweet Peas, Canned	379	0			0.040 ^		NT
Sweet Peas, Frozen	126	0			0.040 ^		NT
Tangerines	180	0			0.040 ^		NT
Tomato Paste	189	0			0.003 - 0.040		NT
TOTAL	**4,011**	**0**					
Trichloronate (insecticide)							
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**571**	**0**					
Tricyclazole (fungicide)							
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**571**	**0**					

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Tridemorph (fungicide)							
Bananas	708	0			0.025 ^		1.0
TOTAL	**708**	**0**					
Trifloxystrobin (fungicide)							
Asparagus	298	0			0.002 ^		0.07
Bananas	708	0			0.001 ^		0.10
Basil	343	5	1.5	0.002 - 3.1	0.001 - 0.003		200
Cabbage	300	0			0.005 ^		2.0
Cantaloupe	354	0			0.002 ^		0.50
Cauliflower	176	0			0.001 ^		2.0
Cilantro	176	8	4.5	0.002 - 0.063	0.001 ^		200
Collard Greens	187	1	0.5	0.005 ^	0.002 ^		30
Garbanzo Beans, Dried	686	7	1	0.002 ^	0.001 ^	V-7	NT
Hot Peppers	651	17	2.6	0.002 - 0.076	0.001 ^		0.5
Kiwi Fruit	704	0			0.005 ^		NT
Mustard Greens	595	28	4.7	0.002 - 1.2	0.001 - 0.005		30
Orange Juice	191	0			0.001 ^		0.6
Radishes	712	2	0.3	0.013 - 0.031	0.005 ^		0.1
Spinach, Canned	375	0			0.001 ^		30
Spinach, Frozen	189	0			0.001 ^		30
Strawberries, Frozen	564	92	16.3	0.002 - 0.12	0.002 ^		1.5
Sweet Bell Peppers	354	2	0.6	0.006 - 0.095	0.005 ^		0.5
Sweet Peas, Canned	379	0			0.001 ^		NT
Sweet Peas, Frozen	126	0			0.001 ^		NT
Tangerines	180	0			0.001 ^		0.6
Tomato Paste	189	23	12.2	0.001 - 0.004	0.001 ^		0.5
TOTAL	**8,437**	**185**					
Trifloxysulfuron (herbicide)							
Asparagus	298	0			0.020 ^		NT
Cantaloupe	354	0			0.020 ^		NT
Collard Greens	187	0			0.020 ^		NT
Orange Juice	191	0			0.001 ^		0.03
Spinach, Canned	375	0			0.001 - 0.010		NT
Spinach, Frozen	189	0			0.001 - 0.010		NT
Strawberries, Frozen	534	0			0.020 ^		NT
Sweet Peas, Canned	379	0			0.010 ^		NT
Sweet Peas, Frozen	126	0			0.010 ^		NT
Tangerines	180	0			0.010 ^		0.03
Tomato Paste	189	0			0.001 - 0.010		0.01
TOTAL	**3,002**	**0**					
Triflumezopyrim (insecticide)							
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**571**	**0**					
Triflumizole (fungicide)							
Asparagus	298	0			0.010 ^		NT
Basil	343	0			0.005 ^		NT
Cabbage	300	1	0.3	0.011 ^	0.003 ^		8.0
Cantaloupe	354	0			0.010 ^		0.5
Cauliflower	176	0			0.002 ^		8.0
Cilantro	116	1	0.9	0.016 ^	0.005 ^		35

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Collard Greens	187	0			0.010 ^		40
Garbanzo Beans, Dried	686	0			0.002 - 0.005		NT
Kiwi Fruit	704	0			0.005 ^		NT
Mustard Greens	595	0			0.002 - 0.005		40
Orange Juice	191	0			0.003 ^		NT
Radishes	712	0			0.003 ^		NT
Spinach, Canned	375	0			0.003 - 0.010		NT
Spinach, Frozen	189	0			0.003 - 0.010		NT
Strawberries, Frozen	564	7	1.2	0.011 - 0.025	0.010 ^		2.0
Sweet Bell Peppers	354	0			0.003 ^		NT
Sweet Peas, Canned	379	0			0.010 ^		NT
Sweet Peas, Frozen	126	0			0.010 ^		NT
Tangerines	180	0			0.010 ^		NT
Tomato Paste	189	0			0.003 - 0.010		1.5
TOTAL	**7,018**	**9**					
Trifluralin (herbicide)							
Asparagus	298	0			0.001 ^		0.05
Basil	343	1	0.3	0.005 ^	0.001 ^	V-1	NT
Cabbage	300	0			0.005 ^		0.05
Cantaloupe	354	0			0.001 ^		0.05
Cauliflower	176	1	0.6	0.002 ^	0.001 ^		0.05
Cilantro	176	12	6.8	0.002 - 0.005	0.001 ^	V-12	NT
Collard Greens	187	3	1.6	0.002 ^	0.001 ^		0.05
Garbanzo Beans, Dried	686	0			0.001 ^		0.05
Hot Peppers	651	0			0.002 ^		0.05
Kiwi Fruit	704	0			0.010 ^		NT
Mustard Greens	595	2	0.3	0.002 ^	0.001 - 0.010		0.05
Orange Juice	191	0			0.001 ^		0.05
Radishes	712	9	1.3	0.006 - 0.010	0.005 ^		0.05
Spinach, Canned	375	0			0.003 - 0.005		NT
Spinach, Frozen	189	0			0.003 - 0.005		NT
Strawberries, Frozen	564	0			0.001 ^		NT
Sweet Bell Peppers	354	0			0.005 ^		0.05
Sweet Peas, Canned	379	0			0.005 ^		0.05
Sweet Peas, Frozen	126	0			0.005 ^		0.05
Tangerines	180	0			0.005 ^		0.05
Tomato Paste	189	0			0.001 - 0.005		0.05
TOTAL	**7,729**	**28**					
Triforine (fungicide)							
Asparagus	298	0			0.010 ^		NT
Cantaloupe	325	0			0.010 ^		NT
Collard Greens	187	0			0.010 ^		NT
Strawberries, Frozen	564	1	0.2	0.098 ^	0.010 ^	V-1	NT
TOTAL	**1,374**	**1**					
Triticonazole (fungicide)							
Cabbage	300	0			0.010 ^		NT
Kiwi Fruit	704	0			0.010 ^		NT
Mustard Greens	275	0			0.010 ^		NT
Orange Juice	191	0			0.003 ^		NT
Radishes	712	0			0.010 ^		NT
Spinach, Canned	375	0			0.003 - 0.005		NT
Spinach, Frozen	189	0			0.003 - 0.005		NT
Sweet Bell Peppers	354	0			0.010 ^		NT
Sweet Peas, Canned	379	0			0.005 ^		NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Sweet Peas, Frozen	126	0			0.005 ^		NT
Tangerines	180	0			0.010 ^		NT
Tomato Paste	189	0			0.003 - 0.010		NT
TOTAL	**3,974**	**0**					
Uniconazole (fungicide)							
Hot Peppers	651	0			0.005 ^		0.01
Orange Juice	191	0			0.001 ^		NT
Spinach, Canned	204	0			0.001 ^		NT
Spinach, Frozen	102	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		0.01
TOTAL	**1,222**	**0**					
Vamidothion (insecticide)							
Orange Juice	191	0			0.001 ^		NT
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**265**	**0**					
Vernolate (herbicide)							
Cabbage	300	0			0.010 ^		NT
Orange Juice	191	0			0.010 ^		NT
Radishes	712	0			0.010 ^		NT
Spinach, Canned	204	0			0.010 ^		NT
Spinach, Frozen	102	0			0.010 ^		NT
Sweet Bell Peppers	354	0			0.010 ^		NT
Tomato Paste	74	0			0.010 ^		NT
TOTAL	**1,937**	**0**					
Vinclozolin (fungicide)							
Asparagus	298	0			0.010 ^		NT
Basil	343	0			0.001 ^		NT
Cabbage	300	0			0.005 ^		NT
Cantaloupe	354	0			0.010 ^		NT
Cauliflower	176	0			0.001 ^		NT
Cilantro	176	0			0.001 ^		NT
Collard Greens	187	0			0.010 ^		NT
Garbanzo Beans, Dried	686	0			0.001 ^		NT
Kiwi Fruit	704	0			0.010 ^		NT
Mustard Greens	595	0			0.001 - 0.010		NT
Orange Juice	191	0			0.001 ^		NT
Radishes	712	0			0.005 ^		NT
Spinach, Canned	204	0			0.003 ^		NT
Spinach, Frozen	102	0			0.003 ^		NT
Strawberries, Frozen	564	0			0.010 ^		10.0 AL
Sweet Bell Peppers	354	0			0.005 ^		3.0
Tomato Paste	74	0			0.001 ^		NT
TOTAL	**6,020**	**0**					
Zoxamide (fungicide)							
Cabbage	300	0			0.010 ^		NT
Orange Juice	191	0			0.001 ^		NT
Radishes	712	0			0.010 ^		NT
Spinach, Canned	375	0			0.001 - 0.002		NT
Spinach, Frozen	189	0			0.001 - 0.002		NT
Sweet Bell Peppers	354	0			0.010 ^		1.0
Sweet Peas, Canned	379	0			0.002 ^		NT
Sweet Peas, Frozen	126	0			0.002 ^		NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	Tolerance Violation	EPA Tolerance Level, ppm
Tangerines	180	0			0.002 ^		NT
Tomato Paste	189	0			0.001 - 0.002		2.0
TOTAL	**2,995**	**0**					

Many of the listed tolerances are the sum of a parent compound and metabolite(s)/isomer(s). The reader is advised to refer to EPA for the complete listing of compounds in tolerance expressions. The cited tolerances apply to 2019 and not to the current year. There may be instances where a tolerance was recently set or revoked that would have an effect on whether a residue is violative or not.

NOTES

^ Only one distinct detected concentration or LOD value was reported for the pesticide/commodity pair.

NT = No tolerance level was set for that pesticide/commodity pair.

EX = Exempt from the requirement of a tolerance in or on raw agricultural commodities that have no established tolerance when residues are present as a result of subsequent uptake by crops rotated into fields where crops with tolerances were treated with cyclaniliprole.

EX2 = Exempt from the requirement of a tolerance in or on all food commodities when used to control insect larvae.

1 Emamectin benzoate is the salt form of the active, Emamectin.

2 Halosulfuron methyl is the salt form of the active, Halosulfuron.

3 Metalaxyl and mefenoxam have separate registrations. Mefenoxam is also known as Metalaxyl-M, which is one of the spatial isomers comprising metalaxyl. The spatial isomers of metalaxyl are analytically indistinguishable via multiresidue methods.

4 Propamocarb analytically determined as the salt (hydrochloride).

(X) = Residue was found which exceeds EPA tolerance or FDA action level. Following "X" are the number of occurrences. Refer to pages 1 through 5 in Appendix J to see the sample origin (domestic, imported, or unknown) for each occurrence.

(V) = Residue was found where no tolerance was established by EPA. Following "V" are the number of occurrences. Refer to pages 6 through 11 in Appendix J to see the number of occurrences broken down by sample origin (domestic, imported, or unknown) for a commodity/pesticide pair.

Appendix C

Distribution of Residues by Pesticide in Rice

Appendix C shows residue detections for all compounds tested in rice, including range of values detected, range of Limits of Detection (LODs), and U.S. Environmental Protection Agency (EPA) tolerance references for each pair. The EPA tolerances cited in this summary and appendixes apply to 2019 and not to the current year. There may be instances where tolerances have been recently set, modified, or revoked that would have an effect on whether a residue is violative or not.

In 2019, the Pesticide Data Program (PDP) analyzed 565 rice samples. PDP detected 45 different residues (including metabolites), representing 43 pesticides, in the rice samples.

PDP reports tolerance violations to FDA as part of an interagency Memorandum of Understanding between the U.S. Department of Agriculture and FDA. Residues reported to FDA are shown in the "Pesticide" column to the right of the pesticide name and are annotated as "X" (if the residue exceeded the established tolerance) or "V" (if the residue did not have a tolerance listed in the Code of Federal Regulations, Title 40, Part 180). In both cases, these annotations are followed by a number indicating the number of samples reported to FDA.

Results for environmental contaminants across all commodities, including rice, have been consolidated in a separate appendix because they have no registered uses and are not applied to crops (see Appendix E).

APPENDIX C. DISTRIBUTION OF RESIDUES BY PESTICIDE IN RICE

Pesticide	Pest. Type	Number of Samples	Samples with Detections	% of Samples with Detects	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
2,4-dimethylphenyl formamide (2,4-DMPF)	I	565				0.0026 - 0.005	NT
3-Hydroxycarbofuran	IM	565				0.0012 - 0.0013	0.2
5-Hydroxythiabendazole	FM	565				0.0012 - 0.0013	NT
Abamectin	I	565				0.020 ^	0.01
Acephate	I	565	1	0.2	0.010 ^	0.005 ^	0.02
Acetamiprid	I	565	6	1.1	0.001 - 0.005	0.0012 - 0.0013	0.01
Acetochlor	H	565				0.0012 - 0.0013	0.05
Aclonifen	H	565				0.0012 - 0.0013	NT
Alachlor	H	565				0.0026 ^	NT
Aldicarb	I	565				0.005 ^	NT
Aldicarb sulfone	IM	565				0.0026 ^	NT
Aldicarb sulfoxide	IM	565				0.0026 ^	NT
Ametoctradin	F	565				0.0012 - 0.0013	NT
Ametryn	H	565				0.0012 - 0.0013	NT
Amicarbazone	H	565				0.005 ^	NT
Anilofos	H	565				0.0012 - 0.0013	NT
Asulam	H	565				0.0012 - 0.0013	NT
Atraton	H	565				0.0012 - 0.0013	NT
Atrazine	H	565				0.0012 - 0.0013	NT
Azinphos ethyl	I	565				0.005 ^	NT
Azinphos methyl	I	565				0.005 ^	NT
Azinphos methyl oxygen analog	IM	565				0.0026 ^	NT
Azoxystrobin	F	565	61	10.8	0.001 - 0.019	0.0012 - 0.0013	5.0
Beflubutamid	H	565				0.0012 - 0.0013	NT
Benalaxyl	F	565				0.005 ^	NT
Bendiocarb	I	565				0.0012 - 0.0013	NT
Benfluralin	H	565				0.0012 - 0.0013	NT
Benoxacor	S	565				0.0026 ^	0.01
Bensulfuron methyl	H	565				0.0012 - 0.0013	0.02
Bensulide	H	565				0.0012 - 0.0026	NT
Benthiavalicarb isopropyl	F	502				0.0012 - 0.0013	NT
Benzobicyclon	H	565				0.0012 - 0.0013	0.01
Benzovindiflupyr	F	565				0.0012 - 0.0013	NT
Bifenazate	A	565				0.0026 ^	NT
Bifenox	H	565				0.0012 - 0.0013	NT
Bifenthrin	I	565	2	0.4	0.002 ^	0.0012 - 0.0013	0.05
Bioallethrin	I	565				0.010 ^	NT
Bitertanol	F	565				0.010 ^	NT
Boscalid	F	565				0.0026 ^	0.20
Bromacil	H	565				0.0026 ^	NT
Bromophos ethyl	I	565				0.0012 - 0.0013	NT
Bromopropylate	A	565				0.0012 - 0.0013	NT
Bromuconazole	F	565				0.0012 - 0.0013	NT

Pesticide	Pest. Type	Number of Samples	Samples with Detections	% of Samples with Detects	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Bupirimate	F	565				0.0012 - 0.0013	NT
Buprofezin	I	565	23	4.1	0.005 - 0.048	0.0012 - 0.0013	1.5
Butachlor	H	565				0.0012 - 0.0013	NT
Butylate	H	565				0.005 ^	NT
Cadusafos	I	565				0.0012 - 0.0013	NT
Carbaryl	I	565				0.0026 ^	15
Carbendazim (MBC) (V-17)	F	565	17	3	0.001 - 0.089	0.0012 - 0.0013	NT
Carbofuran	I	565				0.0012 - 0.0013	0.2
Carbophenothion	I	565				0.005 ^	NT
Carboxin	F	565				0.0026 ^	0.2
Carfentrazone ethyl	H	565				0.0026 ^	1.3
Chlorantraniliprole	I	565				0.005 ^	0.15
Chlordimeform	I	565				0.0012 - 0.0013	NT
Chlorethoxyfos	I	565				0.0026 ^	NT
Chlorfenapyr	I	565				0.005 ^	0.01
Chlorfenvinphos total	I	565				0.0012 - 0.0013	NT
Chlorimuron ethyl	H	565				0.0026 ^	NT
Chlorobenzilate	A	565				0.0012 - 0.0013	NT
Chloroneb	F	565				0.0012 - 0.0013	NT
Chlorpropham (V-12)	H	565	12	2.1	0.001 - 0.010	0.0012 - 0.0013	NT
Chlorpyrifos	I	565	21	3.7	0.003 - 0.032	0.0026 ^	0.1
Chlorpyrifos methyl	I	565	4	0.7	0.001 - 0.024	0.0012 - 0.0013	30
Chlorpyrifos methyl O-analog	IM	440				0.0026 ^	30
Chlorpyrifos oxygen analog	IM	565				0.0026 ^	0.1
Chlorsulfuron	H	565				0.0012 - 0.0013	NT
Chlorthiophos	I	565				0.0012 - 0.0013	NT
Clethodim	H	565				0.010 ^	NT
Clodinafop propargyl	H	565				0.0012 - 0.0013	NT
Clofentezine	I	565				0.005 ^	NT
Clomazone	H	565				0.0012 - 0.0013	0.02
Cloquintocet-mexyl	S	502				0.0012 - 0.0013	NT
Cloransulam methyl	H	565				0.0012 - 0.0013	NT
Clothianidin	I	565	25	4.4	0.002 - 0.014	0.0012 - 0.0013	0.02
Coumaphos	I	565				0.0012 - 0.0013	NT
Coumaphos oxygen analog	IM	565				0.0012 - 0.0013	NT
Crotoxyphos	I	565				0.0026 ^	NT
Crufomate	I	565				0.0026 ^	NT
Cyanazine	H	565				0.0012 - 0.0013	NT
Cyantraniliprole	I	565				0.0026 ^	0.02
Cyazofamid	F	565				0.010 ^	NT
Cyflufenamid	F	565				0.0012 - 0.0013	NT
Cyflumetofen	A	565				0.0026 ^	NT
Cyfluthrin	I	565				0.0026 ^	0.05
Cyhalothrin, Total [1]	I	565				0.0026 ^	1.0
Cymoxanil	F	565				0.010 ^	NT

Pesticide	Pest. Type	Number of Samples	Samples with Detections	% of Samples with Detects	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Cypermethrin	I	565				0.010 ^	1.5
Cyphenothrin	I	565				0.010 ^	NT
Cyproconazole (V-3)	F	565	3	0.5	0.007 - 0.017	0.0026 ^	NT
Cyprodinil	F	565				0.0026 ^	NT
Cyprosulfamide	S	565				0.0026 ^	NT
Cyromazine	R	565				0.005 ^	NT
DCPA	H	565				0.0012 - 0.0013	NT
DEF (Tribufos)	H	565				0.0012 - 0.0013	NT
Deltamethrin [2]	I	565	34	6	0.001 - 0.45	0.0012 - 0.0013	1.0
Demeton-O	IM	503				0.0012 - 0.0013	NT
Demeton-S	IM	565				0.0026 ^	NT
Demeton-S sulfone	IM	565				0.0012 - 0.0013	NT
Desethyl atrazine	HM	565				0.0026 ^	NT
Desmetryn	H	565				0.0012 - 0.0013	NT
Dialifos	I	565				0.005 ^	NT
Diazinon	I	565				0.0012 - 0.0013	NT
Diazinon oxygen analog	IM	565				0.0012 - 0.0013	NT
Dichlobenil	H	565				0.0012 - 0.0013	NT
Dichlofenthion	I	565				0.0012 - 0.0013	NT
Dichlormid	H	565				0.020 ^	NT
Dichlorvos (DDVP)	I	565				0.020 ^	0.5
Diclofop methyl	H	565				0.0012 - 0.0013	NT
Dicloran	F	565				0.0012 - 0.0013	NT
Diclosulam	H	565				0.0026 ^	NT
Dicofol Total	I	534				0.0026 ^	NT
Dicrotophos	I	565				0.0012 - 0.0013	NT
Diethofencarb	F	565				0.0026 ^	NT
Difenoconazole	F	565	6	1.1	0.001 - 0.005	0.0012 - 0.0013	7.0
Diflubenzuron	I	565				0.0012 - 0.0013	0.02
Dimepiperate	H	565				0.0026 ^	NT
Dimethenamid	H	565				0.0012 - 0.0013	NT
Dimethipin	P	440				0.020 ^	NT
Dimethoate	I	565				0.0012 - 0.0013	NT
Dimethomorph	F	565				0.0026 ^	NT
Diniconazole	F	565				0.0012 - 0.0013	NT
Dinotefuran	I	565	48	8.5	0.003 - 0.041	0.0026 ^	9.0
Dioxacarb	I	565				0.0012 - 0.0013	NT
Dioxathion	I	565				0.005 ^	NT
Diphenamid	H	565				0.0012 - 0.0013	NT
Diphenylamine (DPA) (V-11)	F	565	11	1.9	0.001 - 0.007	0.0012 - 0.0013	NT
Dipropetryn	H	565				0.0012 - 0.0013	NT
Disulfoton	I	565				0.0026 ^	NT
Disulfoton sulfone	IM	565				0.0012 - 0.0013	NT
Disulfoton sulfoxide	IM	565				0.0012 - 0.0013	NT
Diuron	H	565				0.010 ^	NT

Pesticide	Pest. Type	Number of Samples	Samples with Detections	% of Samples with Detects	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
DMST (4-dimethylaminosulphotosluidide)	FM	565				0.0026 ^	NT
Dodine	F	565				0.010 ^	NT
Emamectin	I	565				0.010 ^	NT
Endosulfan I	IM	565				0.0026 ^	NT
Endosulfan II	IM	565				0.0026 ^	NT
Endosulfan sulfate	IM	565				0.0026 ^	NT
EPN	I	565				0.005 ^	NT
Epoxiconazole	F	565				0.0012 - 0.0013	NT
Esfenvalerate	I	565				0.005 ^	0.05
Ethaboxam	F	565				0.0012 - 0.0013	NT
Ethalfluralin	H	565				0.0026 ^	NT
Ethametsulfuron methyl	H	440				0.0012 ^	NT
Ethiofencarb	I	565				0.0026 ^	NT
Ethiofencarb sulfone	IM	565				0.0026 ^	NT
Ethiofencarb sulfoxide	IM	565				0.0012 - 0.0013	NT
Ethion (V-1)	I	565	1	0.2	0.003 ^	0.0012 - 0.0013	NT
Ethiprole	I	565				0.005 ^	1.7
Ethofumesate	H	565				0.0026 ^	NT
Ethoprop	I	565				0.0012 - 0.0013	NT
Ethylan	I	565				0.0012 - 0.0013	NT
Etofenprox	I	565				0.0012 - 0.0013	5.0
Etoxazole	A	565				0.0012 - 0.0013	NT
Etridiazole	F	565				0.005 ^	NT
Etrimfos	I	502				0.0012 - 0.0013	NT
Famoxadone	F	565				0.010 ^	NT
Famphur	I	565				0.0012 - 0.0013	NT
Fenamidone	F	565				0.0012 - 0.0013	NT
Fenamiphos	I	565				0.0012 - 0.0013	NT
Fenamiphos sulfone	IM	565				0.0012 - 0.0013	NT
Fenamiphos sulfoxide	IM	565				0.0026 ^	NT
Fenarimol	F	565				0.0012 - 0.0013	NT
Fenazaquin	I	565				0.0012 - 0.0013	NT
Fenbuconazole	F	565				0.0012 - 0.0013	NT
Fenchlorphos	I	565				0.0012 - 0.0013	NT
Fenhexamid	F	565				0.010 ^	NT
Fenitrothion	I	565				0.0012 - 0.0013	NT
Fenobucarb (BPMC) (V-2)	I	565	2	0.4	0.005 - 0.009	0.0026 ^	NT
Fenoxaprop ethyl	H	565				0.0012 - 0.0013	0.05
Fenoxycarb	I	565				0.0012 - 0.0013	NT
Fenpropathrin	I	565				0.0012 - 0.0013	NT
Fenpropimorph	F	565				0.0012 - 0.0013	NT
Fenpyrazamine	F	565				0.005 ^	NT
Fenpyroximate	A	565				0.0012 - 0.0013	NT
Fensulfothion	I	565				0.0012 - 0.0013	NT
Fenthion	I	565				0.0012 - 0.0013	NT

Pesticide	Pest. Type	Number of Samples	Samples with Detections	% of Samples with Detects	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Fenthion sulfone	IM	565				0.005 ^	NT
Fenthion sulfoxide	IM	565				0.010 ^	NT
Fenuron	H	565				0.005 ^	NT
Fipronil	I	565				0.0012 - 0.0013	0.04
Fipronil sulfone (MB46136)	IM	565				0.0012 - 0.0013	0.04
Flazasulfuron	H	565				0.005 ^	NT
Flonicamid	I	565				0.010 ^	NT
Florpyrauxifen-Benzyl	H	565				0.020 ^	NT
Fluazifop butyl	H	565				0.0012 - 0.0013	NT
Flubendiamide	I	565				0.0012 - 0.0013	0.50
Flucythrinate	I	565				0.0012 - 0.0013	NT
Fludioxonil	F	565				0.010 ^	0.02
Flufenacet	H	565				0.0012 - 0.0013	NT
Flufenoxuron	I	565				0.0012 - 0.0013	NT
Flufenpyr ethyl	H	565				0.0012 - 0.0013	NT
Flumetsulam	H	565				0.0026 ^	NT
Flumiclorac pentyl	H	565				0.0012 - 0.0013	NT
Flumioxazin	H	565				0.0012 - 0.0013	NT
Fluometuron	H	565				0.0026 ^	0.5
Fluopicolide	F	565				0.0012 - 0.0013	NT
Fluopyram (V-1)	F	565	1	0.2	0.001 ^	0.0012 - 0.0013	NT
Fluorodifen	H	565				0.0012 - 0.0013	NT
Fluoxastrobin	F	565				0.0012 - 0.0013	4.0
Flupyradifurone (V-1)	I	565	1	0.2	0.001 ^	0.0012 - 0.0013	NT
Fluquinconazole	F	565				0.0012 - 0.0013	NT
Fluridone	H	565				0.0012 - 0.0013	0.1
Flusilazole	F	565				0.0012 - 0.0013	NT
Fluthiacet methyl	H	565				0.0026 ^	NT
Flutolanil	F	565				0.0012 - 0.0013	7.0
Flutriafol	F	565	1	0.2	0.002 ^	0.0012 - 0.0013	0.5
Fluvalinate	I	565				0.0012 - 0.0013	NT
Fluxapyroxad	F	565				0.0012 - 0.0013	5.0
Fonofos	I	565				0.0012 - 0.0013	NT
Forchlorfenuron	P	565				0.0012 - 0.0013	NT
Formetanate hydrochloride	I	565				0.0012 - 0.0013	NT
Fosthiazate	T	565				0.0012 - 0.0013	NT
Furalaxyl	F	565				0.005 ^	NT
Halosulfuron methyl	H	565				0.0012 - 0.0013	0.05
Heptenophos	I	565				0.0012 - 0.0013	NT
Hexaconazole (V-4)	F	565	4	0.7	0.005 - 0.010	0.005 ^	NT
Hexazinone	H	565				0.0012 - 0.0013	NT
Hexythiazox	I	565				0.0012 - 0.0013	NT
Hydroprene	R	565				0.0026 ^	0.2
Imazalil	F	565				0.0026 ^	NT
Imazosulfuron	H	565				0.0026 ^	0.02

Pesticide	Pest. Type	Number of Samples	Samples with Detections	% of Samples with Detects	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Imidacloprid	I	565	23	4.1	0.003 - 0.037	0.0026 ^	0.05
Imiprothrin	I	565				0.010 ^	NT
Indaziflam	H	565				0.0012 - 0.0013	NT
Indoxacarb	I	565				0.005 ^	NT
Ipconazole	F	565				0.0026 ^	NT
Iprobenfos (IBP)	F	565				0.0012 - 0.0013	NT
Iprodione	F	565				0.005 ^	10.0
Iprovalicarb	F	565				0.0026 ^	NT
Isocarbophos	I	565				0.0026 ^	NT
Isofenphos	I	565				0.0026 ^	NT
Isofenphos methyl	IM	565				0.0012 - 0.0013	NT
Isoprocarb	I	565				0.005 ^	NT
Isoprothiolane (V-42)	F	565	42	7.4	0.001 - 0.23	0.0012 - 0.0013	NT
Isoproturon	H	565				0.0026 ^	NT
Isopyrazam	F	565				0.0012 - 0.0013	NT
Isoxadifen ethyl	S	565				0.0012 - 0.0013	0.10
Kresoxim-methyl	F	565				0.005 ^	NT
Lactofen	H	565				0.0026 ^	NT
Leptophos oxygen analog	IM	565				0.0026 ^	NT
Linuron	H	565				0.0026 ^	NT
Malathion	I	565	12	2.1	0.003 - 0.35	0.0026 ^	8
Malathion oxygen analog	IM	565				0.0012 - 0.0013	8
Mandipropamid	F	565				0.0026 ^	NT
Mecarbam	I	565				0.005 ^	NT
Mefenpyr diethyl	S	565				0.0026 ^	NT
Mepanipyrim	F	565				0.0026 ^	NT
Mephosfolan	I	565				0.0012 - 0.0013	NT
Mesotrione	H	565				0.020 ^	NT
Metaflumizone	I	565				0.010 ^	NT
Metalaxyl/Mefenoxam [3]	F	565				0.0012 - 0.0013	0.1
Metconazole	F	565				0.0026 ^	NT
Methacrifos	I	565				0.0012 - 0.0013	NT
Methamidophos	I	565	11	1.9	0.001 - 0.012	0.0012 - 0.0013	0.02
Methidathion	I	565				0.0026 ^	NT
Methiocarb	I	565				0.0012 - 0.0013	NT
Methiocarb sulfone	IM	565				0.0026 ^	NT
Methiocarb sulfoxide	IM	565				0.0012 - 0.0013	NT
Methomyl	I	565				0.010 ^	NT
Methoxychlor p,p' (V-1)	IM	565	1	0.2	0.003 ^	0.0012 - 0.0013	NT
Methoxyfenozide	I	565				0.0026 ^	0.50
Metolachlor	H	565				0.0012 - 0.0013	0.10
Metolcarb	I	565				0.010 ^	NT
Metrafenone	F	565				0.0012 - 0.0013	NT
Metribuzin	H	565				0.005 ^	NT
Metsulfuron methyl	H	565				0.0012 - 0.0013	NT

Pesticide	Pest. Type	Number of Samples	Samples with Detections	% of Samples with Detects	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Mevinphos Total	I	565				0.0026 ^	NT
MGK-264	I	565	68	12	0.001 - 0.38	0.0012 - 0.0013	5
Molinate	H	565				0.0012 - 0.0013	NT
Monocrotophos	I	565				0.0026 ^	NT
Monolinuron	H	565				0.0012 - 0.0013	NT
Monuron	H	565				0.0012 - 0.0013	NT
Myclobutanil	F	565				0.0026 ^	0.03
Napropamide	H	565				0.0026 ^	NT
Neburon	H	565				0.0012 - 0.0013	NT
Nicosulfuron	H	473				0.0012 - 0.0013	NT
Nitrapyrin	N	565				0.0012 - 0.0013	NT
Nitrofen	H	565				0.0012 - 0.0013	NT
Norflurazon	H	565				0.0026 ^	NT
Norflurazon desmethyl	HM	565				0.0026 ^	NT
Novaluron	I	565				0.005 ^	0.01
Omethoate	IM	565				0.0012 - 0.0013	NT
Orthosulfamuron	H	565				0.010 ^	0.05
Oxadiazon	H	565				0.0012 - 0.0013	NT
Oxadixyl	F	565				0.0026 ^	NT
Oxamyl	I	565				0.005 ^	NT
Oxamyl oxime	IM	565				0.005 ^	NT
Oxathiapiprolin	F	565				0.0012 - 0.0013	0.10
Oxydemeton methyl	I	565				0.0012 - 0.0013	NT
Oxydemeton methyl sulfone	IM	565				0.0012 - 0.0013	NT
Oxyfluorfen (V-1)	H	565	1	0.2	0.006 ^	0.0012 - 0.0013	NT
Paclobutrazol	P	565				0.0012 - 0.0013	NT
Parathion ethyl	I	565				0.0012 - 0.0013	NT
Parathion methyl	I	565				0.0012 - 0.0013	NT
Parathion methyl oxygen analog	IM	565				0.040 ^	NT
Parathion oxygen analog	IM	565				0.0026 ^	NT
Penconazole	F	565				0.0012 - 0.0013	NT
Pencycuron	F	565				0.0026 ^	NT
Pendimethalin	H	565				0.0026 ^	0.1
Penflufen	F	565				0.0012 - 0.0013	0.01
Penoxsulam	H	565				0.0012 - 0.0013	0.02
Pentachloroaniline (PCA)	FM	565				0.0012 - 0.0013	NT
Pentachlorobenzene (PCB)	FM	565				0.0012 - 0.0013	NT
Pentachlorophenyl methyl sulfide (PCPMS)	FM	565				0.0026 ^	NT
Penthiopyrad	F	565				0.0012 - 0.0013	NT
Permethrin Total	I	565				0.005 ^	NT
Phenothrin	I	565				0.005 ^	0.01
Phenthoate	I	565				0.0012 - 0.0013	NT
Phorate	I	565				0.005 ^	NT
Phorate oxygen analog	IM	565				0.005 ^	NT
Phorate oxygen analog sulfone	IM	565				0.0012 - 0.0013	NT

Pesticide	Pest. Type	Number of Samples	Samples with Detections	% of Samples with Detects	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Phorate oxygen analog sulfoxide	IM	565				0.0012 - 0.0013	NT
Phorate sulfone	IM	565				0.0026 ^	NT
Phorate sulfoxide (V-4)	IM	565	4	0.7	0.002 - 0.003	0.0012 - 0.0013	NT
Phosalone	I	565				0.0026 ^	NT
Phosmet	I	565				0.0012 - 0.0013	NT
Phosmet oxygen analog	IM	565				0.0012 - 0.0013	NT
Phosphamidon	I	565				0.005 ^	NT
Phoxim	I	565				0.0012 - 0.0013	NT
Picoxystrobin	F	565				0.005 ^	NT
Pinoxaden	H	565				0.020 ^	NT
Piperonyl butoxide	I	565	113	20	0.003 - 4.8	0.0026 ^	20
Pirimicarb	I	565				0.0012 - 0.0013	NT
Pirimicarb desmethyl	IM	565				0.0012 - 0.0013	NT
Pirimiphos methyl (V-3)	I	565	3	0.5	0.001 - 0.007	0.0012 - 0.0013	NT
Pirimiphos-ethyl	I	565				0.0012 - 0.0013	NT
Prallethrin	I	565				0.020 ^	1.0
Pretilachlor	H	565				0.0012 - 0.0013	NT
Primisulfuron methyl	H	565				0.0012 - 0.0013	NT
Prochloraz	F	565				0.005 ^	NT
Procymidone	F	565				0.0012 - 0.0013	NT
Profenofos (V-8)	I	565	8	1.4	0.001 - 0.014	0.0012 - 0.0013	NT
Profluralin	H	565				0.005 ^	NT
Profoxydim	H	565				0.0026 ^	NT
Promecarb	I	565				0.0012 - 0.0013	NT
Prometryn	H	565				0.0012 - 0.0013	NT
Pronamide	H	565				0.0012 - 0.0013	NT
Propachlor	H	565				0.0012 - 0.0013	NT
Propamocarb	F	565				0.0012 - 0.0013	NT
Propanil	H	565				0.0012 - 0.0013	10
Propaquizafop	H	565				0.0012 - 0.0013	NT
Propargite	I	565				0.0012 - 0.0013	NT
Propazine	H	565				0.0012 - 0.0013	NT
Propetamphos	I	565				0.005 ^	NT
Propham	H	565				0.0012 - 0.0013	NT
Propiconazole	F	565	213	37.7	0.001 - 0.11	0.0012 - 0.0013	7.0
Propoxycarbazone	H	440				0.010 ^	NT
Proquinazid	F	565				0.005 ^	NT
Prosulfuron	H	565				0.0026 ^	0.01
Prothiofos	I	565				0.0012 - 0.0013	NT
Pymetrozine (V-1)	I	565	1	0.2	0.002 ^	0.0012 - 0.0013	NT
Pyraclofos	I	565				0.0012 - 0.0013	NT
Pyraclostrobin	F	565				0.0012 - 0.0013	NT
Pyraflufen ethyl	H	565				0.0012 - 0.0013	NT
Pyrazon	H	565				0.0012 - 0.0013	NT
Pyrazophos	F	565				0.0012 - 0.0013	NT

Pesticide	Pest. Type	Number of Samples	Samples with Detections	% of Samples with Detects	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Pyridaben	I	565				0.0012 - 0.0013	NT
Pyridalyl	I	565				0.0026 ^	NT
Pyridaphenthion	I	565				0.0012 - 0.0013	NT
Pyridate	H	440				0.0012 ^	NT
Pyrimethanil	F	565				0.005 ^	NT
Pyriproxyfen	I	565	1	0.2	0.002 ^	0.0012 - 0.0013	1.1
Pyroxasulfone	H	565				0.0012 - 0.0013	NT
Pyroxsulam	H	565				0.0012 - 0.0013	NT
Quinalphos (V-1)	I	565	1	0.2	0.001 ^	0.0012 - 0.0013	NT
Quinoxyfen	F	565				0.0012 - 0.0013	NT
Quintozene (PCNB)	F	565				0.0012 - 0.0013	NT
Quizalofop ethyl	H	565				0.0012 - 0.0013	0.05
Resmethrin	I	565				0.0026 ^	3.0
Rimsulfuron	H	565				0.0026 ^	NT
Rotenone	I	565				0.0026 ^	NT
Saflufenacil	H	565				0.0026 ^	0.03
Sedaxane	F	565				0.005 ^	0.01
Sethoxydim	H	565				0.0026 ^	NT
Siduron	H	565				0.0012 - 0.0013	NT
Simazine	H	565				0.0012 - 0.0013	NT
Spinetoram	I	565				0.010 ^	NT
Spinosad	I	565				0.0026 ^	1.5
Spirodiclofen	A	565				0.0026 ^	NT
Spiromesifen	I	565				0.0026 ^	NT
Spiromesifen alcohol	IM	565				0.0012 - 0.0013	NT
Spirotetramat	I	565				0.0012 - 0.0013	NT
Spiroxamine	F	565				0.0012 - 0.0013	NT
Sulfallate	H	565				0.0012 - 0.0013	NT
Sulfentrazone	H	565				0.0026 ^	0.1
Sulfometuron methyl	H	565				0.010 ^	NT
Sulfosulfuron	H	565				0.0012 - 0.0013	NT
Sulfoxaflor	I	565				0.0026 ^	NT
Sulprofos	I	565				0.0026 ^	NT
TCMTB	F	565				0.005 ^	0.1
Tebuconazole (V-41)	F	565	41	7.3	0.003 - 0.040	0.0026 ^	NT
Tebufenozide	I	565				0.005 ^	NT
Tebufenpyrad	I	565				0.0012 - 0.0013	NT
Tebupirimfos	I	565				0.0012 - 0.0013	NT
Tebuthiuron	H	565				0.0012 - 0.0013	NT
Tecnazene	P	565				0.0012 - 0.0013	NT
Teflubenzuron	I	565				0.005 ^	NT
Tefluthrin	I	565				0.0012 - 0.0013	NT
Tepraloxydim	H	565				0.010 ^	NT
Terbacil	H	565				0.0012 - 0.0013	NT
Terbufos	I	565				0.0012 - 0.0013	NT

Pesticide	Pest. Type	Number of Samples	Samples with Detections	% of Samples with Detects	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Terbufos oxygen analog sulfone	IM	565				0.010 ^	NT
Terbufos sulfone	IM	565				0.005 ^	NT
Terbufos sulfoxide	IM	565				0.0026 ^	NT
Terbuthylazine	H	565				0.0012 - 0.0013	NT
Terbutryn	H	533				0.0012 - 0.0013	NT
Tetrachlorvinphos	I	565				0.0012 - 0.0013	NT
Tetraconazole (V-3)	F	565	3	0.5	0.001 - 0.002	0.0012 - 0.0013	NT
Tetradifon	I	565				0.0026 ^	NT
Tetrahydrophthalimide (THPI)	FM	565	2	0.4	0.005 ^	0.005 - 0.015	0.05
Tetramethrin	I	565				0.005 ^	NT
Thiabendazole (V-1)	F	565	1	0.2	0.002 ^	0.0012 - 0.0013	NT
Thiacloprid (V-1)	I	565	1	0.2	0.001 ^	0.0012 - 0.0013	NT
Thiamethoxam	I	565	24	4.2	0.001 - 0.17	0.0012 - 0.0013	6
Thiazopyr	H	565				0.0026 ^	NT
Thidiazuron	P	565				0.005 ^	NT
Thiencarbazone methyl	H	565				0.0026 ^	NT
Thifensulfuron methyl	H	565				0.0012 - 0.0013	0.05
Thiobencarb	H	565				0.0026 ^	0.2
Thionazin	I	565				0.0026 ^	NT
Tolclofos methyl	F	565				0.0026 ^	NT
Tolfenpyrad	I	565				0.0026 ^	NT
Tri Allate	H	565				0.0012 - 0.0013	NT
Triadimefon	F	565				0.0026 ^	NT
Triadimenol	F	565				0.020 ^	NT
Triasulfuron	H	565				0.0012 - 0.0013	NT
Triazophos (V-15)	I	565	15	2.7	0.001 - 0.048	0.0012 - 0.0013	NT
Tribenuron methyl	H	565				0.0012 - 0.0013	0.05
Trichlorfon	I	565				0.0026 ^	NT
Trichloronate	I	565				0.0012 - 0.0013	NT
Tricyclazole	F	565	34	6	0.001 - 0.66	0.0012 - 0.0013	3.0
Trifloxystrobin	F	565	1	0.2	0.002 ^	0.0012 - 0.0013	3.5
Trifloxysulfuron	H	565				0.0012 - 0.0013	NT
Triflumezopyrim	I	565				0.0012 - 0.0013	0.40
Triflumizole	F	565				0.0026 ^	NT
Trifluralin	H	565				0.0026 ^	NT
Triticonazole	F	565				0.0026 ^	NT
Uniconazole	F	565				0.0012 - 0.0013	NT
Vernolate	H	565				0.010 ^	NT
Vinclozolin	F	565				0.0026 ^	NT
Zoxamide	F	565				0.0012 - 0.0013	NT

Many of the listed tolerances are the sum of a parent compound and metabolite(s)/isomer(s). The reader is advised to refer to EPA for the complete listing of compounds in tolerance expressions. The cited tolerances apply to 2019 and not to the current year. There may be instances where a tolerance was recently set or revoked that would have an effect on whether a residue is violative or not.

Pesticide	Pest. Type	Number of Samples	Samples with Detections	% of Samples with Detects	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm

NOTES

^ = Only one distinct detected concentration or LOD value was reported for the pesticide/commodity pair.

NT = No tolerance level was set for that pesticide/commodity pair.

(V) = Residue was found where no tolerance was established by EPA. Following "V" are the number of occurrences. Refer to pages 6 through 11 in Appendix J to see the number of occurrences broken down by sample origin (domestic, imported, or unknown) for a commodity/pesticide pair.

1 = Includes cyhalothrin lambda plus R157836 epimer.

2 = Deltamethrin includes parent Tralomethrin.

3 = Metalaxyl and mefenoxam have separate registrations. Mefenoxam is also known as Metalaxyl-M, which is one of the spatial isomers comprising metalaxyl. The spatial isomers of metalaxyl are analytically indistinguishable via multiresidue methods.

Pesticide Types:

A = Acaricide
F = Fungicide, FM = Fungicide Metabolite
H = Herbicide, HM = Herbicide Metabolite
I = Insecticide, IM = Insecticide Metabolite
N = Nitrification Inhibitor
P = Plant Growth Regulator
R = Insect Growth Regulator
S = Herbicide Safener
T = Nematicide

Appendix D

Distribution of Residues by Pesticide in Oats

Appendix D shows residue detections for all compounds tested in oats, including range of values detected, range of Limits of Detection (LODs), and U.S. Environmental Protection Agency (EPA) tolerance references for each pair. The EPA tolerances cited in this summary and appendixes apply to 2019 and not to the current year. There may be instances where tolerances have been recently set, modified, or revoked that would have an effect on whether a residue is violative or not.

In 2019, the Pesticide Data Program (PDP) analyzed 695 oat samples. PDP detected 9 different residues for 9 distinct pesticides in the oat samples. All residue detections were lower than the established tolerances for those compounds with established tolerances.

PDP reports tolerance violations to FDA as part of an interagency Memorandum of Understanding between the U.S. Department of Agriculture and FDA. Residues reported to FDA are shown in the "Pesticide" column to the right of the pesticide name and are annotated as "X" (if the residue exceeded the established tolerance) or "V" (if the residue did not have a tolerance listed in the Code of Federal Regulations, Title 40, Part 180). In both cases, these annotations are followed by a number indicating the number of samples reported to FDA.

Results for environmental contaminants across all commodities, including oats, have been consolidated in a separate appendix because they have no registered uses and are not applied to crops (see Appendix E).

APPENDIX D. DISTRIBUTION OF RESIDUES BY PESTICIDE IN OATS

Pesticide	Pest. Type	Number of Samples	Samples with Detections	% of Samples with Detects	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
2,4-dimethylphenyl formamide (2,4-DMPF)	I	695				0.003 ^	NT
2,6-DIPN	P	190				0.001 - 0.005	NT
3-Hydroxycarbofuran	IM	695				0.001 ^	NT
5-Hydroxythiabendazole	FM	695				0.001 ^	0.05
Abamectin	I	695				0.020 ^	0.01
Acephate	I	695				0.005 ^	0.02
Acetamiprid	I	695				0.001 ^	0.01
Acetochlor	H	695				0.001 ^	0.05
Aclonifen	H	695				0.001 ^	NT
Alachlor	H	695				0.003 ^	0.05
Aldicarb	I	695				0.005 ^	NT
Aldicarb sulfone	IM	695				0.003 ^	NT
Aldicarb sulfoxide	IM	695				0.003 ^	NT
Ametoctradin	F	695				0.001 ^	NT
Ametryn	H	695				0.001 ^	NT
Amicarbazone	H	695				0.005 ^	NT
Anilofos	H	695				0.001 ^	NT
Asulam	H	695				0.001 ^	NT
Atraton	H	695				0.001 ^	NT
Atrazine	H	695				0.001 ^	NT
Azinphos ethyl	I	695				0.005 ^	NT
Azinphos methyl	I	695				0.005 ^	NT
Azinphos methyl oxygen analog	IM	695				0.003 ^	NT
Azoxystrobin	F	695				0.001 ^	1.5
Beflubutamid	H	695				0.001 ^	NT
Benalaxyl	F	695				0.005 ^	NT
Bendiocarb	I	695				0.001 ^	NT
Benfluralin	H	695				0.001 ^	NT
Benoxacor	S	695				0.003 ^	0.01
Bensulfuron methyl	H	695				0.001 ^	NT
Bensulide	H	695				0.001 ^	NT
Benthiavalicarb isopropyl	F	566				0.001 ^	NT
Benzobicyclon	H	695				0.001 ^	NT
Benzovindiflupyr	F	695				0.001 ^	1.5
Bifenazate	A	695				0.003 ^	NT
Bifenox	H	695				0.001 ^	NT
Bifenthrin	I	695				0.001 ^	0.05
Bioallethrin	I	695				0.010 ^	NT
Bitertanol	F	695				0.010 ^	NT
Boscalid	F	695				0.003 ^	0.20
Bromacil	H	695				0.003 ^	NT
Bromophos ethyl	I	695				0.001 ^	NT
Bromopropylate	A	695				0.001 ^	NT
Bromuconazole	F	695				0.001 ^	NT

Pesticide	Pest. Type	Number of Samples	Samples with Detections	% of Samples with Detects	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Bupirimate	F	695				0.001 ^	NT
Buprofezin	I	695				0.001 ^	NT
Butachlor	H	695				0.001 ^	NT
Butylate	H	695				0.005 ^	NT
Cadusafos	I	695				0.001 ^	NT
Carbaryl	I	695				0.003 ^	NT
Carbendazim (MBC)	F	695				0.001 ^	NT
Carbofuran	I	695				0.001 ^	NT
Carbophenothion	I	695				0.005 ^	NT
Carboxin	F	695				0.003 ^	0.2
Carfentrazone ethyl	H	695				0.003 ^	0.10
Chlorantraniliprole	I	695				0.005 ^	6.0
Chlordimeform	I	695				0.001 ^	NT
Chlorethoxyfos	I	695				0.003 ^	NT
Chlorfenapyr	I	695				0.005 ^	0.01
Chlorfenvinphos total	I	695				0.001 ^	NT
Chlorimuron ethyl	H	695				0.003 ^	NT
Chlorobenzilate	A	695				0.001 ^	NT
Chloroneb	F	695				0.001 ^	NT
Chlorpropham (V-6)	H	695	6	0.9	0.001 - 0.006	0.001 ^	NT
Chlorpyrifos	I	695				0.003 ^	0.1
Chlorpyrifos methyl	I	695				0.001 ^	6.0
Chlorpyrifos methyl O-analog	IM	535				0.001 ^	6.0
Chlorpyrifos oxygen analog	IM	695				0.001 ^	0.1
Chlorsulfuron	H	695				0.001 ^	0.1
Chlorthiophos	I	695				0.001 ^	NT
Clethodim	H	695				0.010 ^	NT
Clodinafop propargyl	H	695				0.001 ^	NT
Clofentezine	I	695				0.005 ^	NT
Clomazone	H	695				0.001 ^	NT
Cloquintocet-mexyl	S	599				0.001 ^	NT
Cloransulam methyl	H	695				0.001 ^	NT
Clothianidin	I	695				0.001 ^	0.02
Coumaphos	I	695				0.001 ^	NT
Coumaphos oxygen analog	IM	695				0.001 ^	NT
Crotoxyphos	I	695				0.003 ^	NT
Crufomate	I	695				0.003 ^	NT
Cyanazine	H	695				0.001 ^	NT
Cyantraniliprole	I	695				0.003 ^	NT
Cyazofamid	F	695				0.010 ^	NT
Cyflufenamid	F	695				0.001 ^	NT
Cyflumetofen	A	695				0.003 ^	NT
Cyfluthrin	I	695				0.003 ^	0.15
Cyhalothrin, Total [1]	I	695				0.003 ^	0.05
Cymoxanil	F	695				0.010 ^	NT
Cypermethrin	I	695				0.010 ^	3.0

Pesticide	Pest. Type	Number of Samples	Samples with Detections	% of Samples with Detects	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Cyphenothrin	I	695				0.010 ^	NT
Cyproconazole	F	695				0.003 ^	NT
Cyprodinil	F	695				0.003 ^	NT
Cyprosulfamide	S	695				0.003 ^	NT
Cyromazine	R	695				0.005 ^	NT
DCPA	H	695				0.001 ^	NT
DEF (Tribufos)	H	695				0.001 ^	NT
Deltamethrin [2]	I	695	1	0.1	0.002 ^	0.001 ^	1.0
Demeton-O	IM	632				0.001 ^	NT
Demeton-S	IM	695				0.003 ^	NT
Demeton-S sulfone	IM	695				0.001 ^	NT
Desethyl atrazine	HM	695				0.003 ^	NT
Desmetryn	H	695				0.001 ^	NT
Dialifos	I	695				0.005 ^	NT
Diazinon	I	695				0.001 ^	NT
Diazinon oxygen analog	IM	695				0.001 ^	NT
Dichlobenil	H	695				0.001 ^	NT
Dichlofenthion	I	695				0.001 ^	NT
Dichlormid	H	695				0.020 ^	0.05
Dichlorvos (DDVP)	I	695				0.020 ^	0.5
Diclofop methyl	H	695				0.001 ^	NT
Dicloran	F	695				0.001 ^	NT
Diclosulam	H	695				0.003 ^	NT
Dicofol Total	I	531				0.003 ^	NT
Dicrotophos	I	695				0.001 ^	NT
Diethofencarb	F	695				0.003 ^	NT
Difenoconazole	F	695				0.001 ^	0.01
Diflubenzuron	I	695				0.001 ^	0.06
Dimepiperate	H	695				0.003 ^	NT
Dimethenamid	H	695				0.001 ^	NT
Dimethipin	P	566				0.020 ^	NT
Dimethoate	I	695				0.001 ^	NT
Dimethomorph	F	695				0.003 ^	NT
Diniconazole	F	695				0.001 ^	NT
Dinotefuran	I	695				0.003 ^	0.01
Dioxacarb	I	695				0.001 ^	NT
Dioxathion	I	695				0.005 ^	NT
Diphenamid	H	695				0.001 ^	NT
Diphenylamine (DPA) (V-8)	F	695	8	1.2	0.001 - 0.003	0.001 ^	NT
Dipropetryn	H	695				0.001 ^	NT
Disulfoton	I	695				0.003 ^	NT
Disulfoton sulfone	IM	695				0.001 ^	NT
Disulfoton sulfoxide	IM	695				0.001 ^	NT
Diuron	H	695				0.010 ^	0.1
DMST (4-dimethylaminosulphotosluidide)	FM	695				0.003 ^	NT
Dodine	F	695				0.010 ^	NT

Pesticide	Pest. Type	Number of Samples	Samples with Detections	% of Samples with Detects	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Emamectin	I	695				0.010 ^	NT
Endosulfan I	IM	695				0.003 ^	NT
Endosulfan II	IM	695				0.003 ^	NT
Endosulfan sulfate	IM	695				0.003 ^	NT
EPN	I	695				0.005 ^	NT
Epoxiconazole	F	695				0.001 ^	NT
Esfenvalerate	I	695				0.005 ^	0.05
Ethaboxam	F	695				0.001 ^	NT
Ethalfluralin	H	695				0.003 ^	NT
Ethametsulfuron methyl	H	535				0.001 ^	NT
Ethiofencarb	I	695				0.003 ^	NT
Ethiofencarb sulfone	IM	695				0.003 ^	NT
Ethiofencarb sulfoxide	IM	695				0.001 ^	NT
Ethion	I	695				0.001 ^	NT
Ethiprole	I	695				0.005 ^	NT
Ethofumesate	H	695				0.003 ^	NT
Ethoprop	I	695				0.001 ^	NT
Ethylan	I	695				0.001 ^	NT
Etofenprox	I	695	1	0.1	0.002 ^	0.001 ^	5.0
Etoxazole	A	695				0.001 ^	NT
Etridiazole	F	695				0.005 ^	NT
Etrimfos	I	535				0.001 ^	NT
Famoxadone	F	695				0.010 ^	NT
Famphur	I	695				0.001 ^	NT
Fenamidone	F	695				0.001 ^	0.1
Fenamiphos	I	695				0.001 ^	NT
Fenamiphos sulfone	IM	695				0.001 ^	NT
Fenamiphos sulfoxide	IM	695				0.003 ^	NT
Fenarimol	F	695				0.001 ^	NT
Fenazaquin	I	664				0.001 - 0.003	NT
Fenbuconazole	F	695				0.001 ^	NT
Fenchlorphos	I	695				0.001 ^	NT
Fenhexamid	F	695				0.010 ^	NT
Fenitrothion	I	695				0.001 ^	NT
Fenobucarb (BPMC)	I	695				0.003 ^	NT
Fenoxaprop ethyl	H	695				0.001 ^	NT
Fenoxycarb	I	695				0.001 ^	NT
Fenpropathrin	I	695				0.001 ^	NT
Fenpropimorph	F	695				0.001 ^	NT
Fenpyrazamine	F	695				0.005 ^	NT
Fenpyroximate	A	695				0.001 ^	NT
Fensulfothion	I	695				0.001 ^	NT
Fenthion	I	695				0.001 ^	NT
Fenthion sulfone	IM	695				0.005 ^	NT
Fenthion sulfoxide	IM	695				0.010 ^	NT
Fenuron	H	695				0.005 ^	NT

Pesticide	Pest. Type	Number of Samples	Samples with Detections	% of Samples with Detects	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Fipronil	I	695				0.001 ^	NT
Fipronil sulfone (MB46136)	IM	695				0.001 ^	NT
Flazasulfuron	H	695				0.005 ^	NT
Flonicamid	I	695				0.010 ^	NT
Florpyrauxifen-Benzyl	H	695				0.010 ^	NT
Fluazifop butyl	H	695				0.001 ^	NT
Flubendiamide	I	695				0.001 ^	NT
Flucythrinate	I	695				0.001 ^	NT
Fludioxonil	F	695				0.010 ^	0.02
Flufenacet	H	695				0.001 ^	0.1
Flufenoxuron	I	695				0.001 ^	NT
Flufenpyr ethyl	H	695				0.001 ^	NT
Flumetsulam	H	695				0.003 ^	NT
Flumiclorac pentyl	H	695				0.001 ^	NT
Flumioxazin	H	695				0.001 ^	NT
Fluometuron	H	695				0.003 ^	0.5
Fluopicolide	F	695				0.001 ^	NT
Fluopyram	F	695				0.001 ^	4.0
Fluorodifen	H	695				0.001 ^	NT
Fluoxastrobin	F	695				0.001 ^	NT
Flupyradifurone	I	695				0.001 ^	3.0
Fluquinconazole	F	695				0.001 ^	NT
Fluridone	H	695				0.001 ^	0.1
Flusilazole	F	695				0.001 ^	NT
Fluthiacet methyl	H	695				0.003 ^	NT
Flutolanil	F	695				0.001 ^	NT
Flutriafol	F	695				0.001 ^	NT
Fluvalinate	I	695				0.001 ^	NT
Fluxapyroxad	F	695				0.001 ^	3.0
Fonofos	I	695				0.001 ^	NT
Forchlorfenuron	P	695				0.001 ^	NT
Formetanate hydrochloride	I	695				0.001 ^	NT
Fosthiazate	T	695				0.001 ^	NT
Furalaxyl	F	695				0.005 ^	NT
Halosulfuron methyl	H	695				0.001 ^	NT
Heptenophos	I	695				0.001 ^	NT
Hexaconazole	F	695				0.005 ^	NT
Hexazinone	H	695				0.001 ^	NT
Hexythiazox	I	695				0.001 ^	NT
Hydroprene	R	695				0.003 ^	0.2
Imazalil	F	695				0.003 ^	NT
Imazosulfuron	H	695				0.003 ^	NT
Imidacloprid	I	695				0.003 ^	0.05
Imiprothrin	I	695				0.010 ^	NT
Indaziflam	H	695				0.001 ^	NT
Indoxacarb	I	695				0.005 ^	NT

Pesticide	Pest. Type	Number of Samples	Samples with Detections	% of Samples with Detects	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Ipconazole	F	695				0.003 ^	0.01
Iprobenfos (IBP)	F	695				0.001 ^	NT
Iprodione	F	695				0.005 ^	NT
Iprovalicarb	F	695				0.003 ^	NT
Isocarbophos	I	695				0.003 ^	NT
Isofenphos	I	695				0.003 ^	NT
Isofenphos methyl	IM	695				0.001 ^	NT
Isoprocarb	I	695				0.005 ^	NT
Isoprothiolane	F	695				0.001 ^	NT
Isoproturon	H	695				0.003 ^	NT
Isopyrazam	F	695				0.001 ^	NT
Isoxadifen ethyl	S	695				0.001 ^	NT
Kresoxim-methyl	F	695				0.005 ^	NT
Lactofen	H	695				0.003 ^	NT
Leptophos oxygen analog	IM	695				0.003 ^	NT
Linuron	H	695				0.003 ^	NT
Malathion	I	695	11	1.6	0.004 - 0.043	0.003 ^	8
Malathion oxygen analog	IM	695				0.001 ^	8
Mandipropamid	F	695				0.003 ^	NT
Mecarbam	I	695				0.005 ^	NT
Mefenpyr diethyl	S	695				0.003 ^	NT
Mepanipyrim	F	695				0.001 - 0.003	NT
Mephosfolan	I	695				0.001 ^	NT
Mesotrione	H	695				0.020 ^	0.01
Metaflumizone	I	695				0.010 ^	NT
Metalaxyl/Mefenoxam [3]	F	695				0.001 ^	1.0
Metconazole	F	695				0.003 ^	1.0
Methacrifos	I	695				0.001 ^	NT
Methamidophos	I	695				0.001 ^	0.02
Methidathion	I	695				0.003 ^	NT
Methiocarb	I	695				0.001 ^	NT
Methiocarb sulfone	IM	695				0.003 ^	NT
Methiocarb sulfoxide	IM	695				0.001 ^	NT
Methomyl	I	695				0.010 ^	1
Methoxychlor p,p'	IM	695				0.001 ^	NT
Methoxyfenozide	I	695				0.003 ^	NT
Metolachlor	H	695				0.001 ^	0.10
Metolcarb	I	695				0.010 ^	NT
Metrafenone	F	695				0.001 ^	NT
Metribuzin	H	695				0.005 ^	NT
Metsulfuron methyl	H	695				0.001 ^	NT
Mevinphos Total	I	695				0.003 ^	NT
MGK-264	I	695	5	0.7	0.001 - 0.022	0.001 ^	5
Molinate (V-1)	H	695	1	0.1	0.001 ^	0.001 ^	NT
Monocrotophos	I	695				0.003 ^	NT
Monolinuron	H	695				0.001 ^	NT

Pesticide	Pest. Type	Number of Samples	Samples with Detections	% of Samples with Detects	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Monuron	H	695				0.001 ^	NT
Myclobutanil	F	695				0.003 ^	0.03
Napropamide	H	695				0.003 ^	NT
Neburon	H	695				0.001 ^	NT
Nicosulfuron	H	535				0.001 ^	NT
Nitrapyrin	N	695				0.001 ^	NT
Nitrofen	H	695				0.001 ^	NT
Norflurazon	H	695				0.003 ^	NT
Norflurazon desmethyl	HM	695				0.003 ^	NT
Novaluron	I	695				0.003 ^	0.01
Omethoate	IM	695				0.001 ^	NT
Orthosulfamuron	H	695				0.010 ^	NT
Oxadiazon	H	695				0.001 ^	NT
Oxadixyl	F	695				0.003 ^	NT
Oxamyl	I	695				0.005 ^	NT
Oxamyl oxime	IM	695				0.005 ^	NT
Oxathiapiprolin	F	695				0.001 ^	0.10
Oxydemeton methyl	I	695				0.001 ^	NT
Oxydemeton methyl sulfone	IM	695				0.001 ^	NT
Oxyfluorfen	H	695				0.001 ^	NT
Paclobutrazol	P	695				0.001 ^	NT
Parathion ethyl	I	695				0.001 ^	NT
Parathion methyl	I	695				0.001 ^	NT
Parathion methyl oxygen analog	IM	695				0.020 ^	NT
Parathion oxygen analog	IM	695				0.003 ^	NT
Penconazole	F	695				0.001 ^	NT
Pencycuron	F	695				0.003 ^	NT
Pendimethalin	H	695				0.003 ^	NT
Penflufen	F	695				0.001 ^	0.01
Penoxsulam	H	695				0.001 ^	NT
Pentachloroaniline (PCA)	FM	695				0.001 ^	NT
Pentachlorobenzene (PCB)	FM	695				0.001 ^	NT
Pentachlorophenyl methyl sulfide (PCPMS)	FM	695				0.003 ^	NT
Penthiopyrad	F	695				0.001 ^	0.15
Permethrin Total	I	695				0.005 ^	NT
Phenothrin	I	695				0.005 ^	0.01
Phenthoate	I	695				0.001 ^	NT
Phorate	I	695				0.005 ^	NT
Phorate oxygen analog	IM	695				0.005 ^	NT
Phorate oxygen analog sulfone	IM	695				0.001 ^	NT
Phorate oxygen analog sulfoxide	IM	695				0.001 ^	NT
Phorate sulfone	IM	695				0.003 ^	NT
Phorate sulfoxide	IM	695				0.001 ^	NT
Phosalone	I	695				0.003 ^	NT
Phosmet	I	695				0.001 ^	NT
Phosmet oxygen analog	IM	695				0.001 ^	NT

Pesticide	Pest. Type	Number of Samples	Samples with Detections	% of Samples with Detects	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Phosphamidon	I	695				0.005 ^	NT
Phoxim	I	695				0.001 ^	NT
Picoxystrobin	F	695				0.005 ^	0.04
Pinoxaden	H	695				0.020 ^	NT
Piperonyl butoxide	I	695	14	2	0.003 - 0.024	0.003 ^	10
Pirimicarb	I	695				0.001 ^	NT
Pirimicarb desmethyl	IM	695				0.001 ^	NT
Pirimiphos methyl (V-2)	I	695	2	0.3	0.001 - 0.005	0.001 ^	NT
Pirimiphos-ethyl	I	695				0.001 ^	NT
Prallethrin	I	695				0.020 ^	1.0
Pretilachlor	H	695				0.001 ^	NT
Primisulfuron methyl	H	695				0.001 ^	NT
Prochloraz	F	695				0.005 ^	NT
Procymidone	F	695				0.001 ^	NT
Profenofos	I	695				0.001 ^	NT
Profluralin	H	695				0.005 ^	NT
Profoxydim	H	695				0.003 ^	NT
Promecarb	I	695				0.001 ^	NT
Prometryn	H	695				0.001 ^	NT
Pronamide	H	695				0.001 ^	NT
Propachlor	H	695				0.001 ^	NT
Propamocarb	F	695				0.001 ^	NT
Propanil	H	695				0.001 ^	NT
Propaquizafop	H	695				0.001 ^	NT
Propargite	I	695				0.001 ^	NT
Propazine	H	695				0.001 ^	NT
Propetamphos	I	695				0.005 ^	NT
Propham	H	695				0.001 ^	NT
Propiconazole	F	695				0.001 ^	3.0
Propoxycarbazone	H	535				0.010 ^	NT
Proquinazid	F	695				0.005 ^	NT
Prosulfuron	H	695				0.003 ^	0.01
Prothiofos	I	695				0.001 ^	NT
Pymetrozine	I	695				0.001 ^	NT
Pyraclofos	I	695				0.001 ^	NT
Pyraclostrobin	F	695				0.001 ^	1.2
Pyraflufen ethyl	H	695				0.001 ^	NT
Pyrazon	H	695				0.001 ^	NT
Pyrazophos	F	695				0.001 ^	NT
Pyridaben	I	695				0.001 ^	NT
Pyridalyl	I	695				0.003 ^	NT
Pyridaphenthion	I	695				0.001 ^	NT
Pyridate	H	437				0.001 ^	NT
Pyrimethanil	F	695				0.005 ^	NT
Pyriproxyfen	I	695				0.001 ^	1.1
Pyroxasulfone	H	695				0.001 ^	NT

Pesticide	Pest. Type	Number of Samples	Samples with Detections	% of Samples with Detects	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Pyroxsulam	H	695				0.001 ^	NT
Quinalphos	I	695				0.001 ^	NT
Quinoxyfen	F	695				0.001 ^	NT
Quintozene (PCNB)	F	695				0.001 ^	NT
Quizalofop ethyl	H	695				0.001 ^	NT
Resmethrin	I	695				0.003 ^	3.0
Rimsulfuron	H	695				0.003 ^	NT
Rotenone	I	695				0.003 ^	NT
Saflufenacil	H	695				0.003 ^	0.03
Sedaxane	F	665				0.005 ^	0.01
Sethoxydim	H	695				0.003 ^	NT
Siduron	H	695				0.001 ^	NT
Simazine	H	695				0.001 ^	NT
Spinetoram	I	695				0.010 ^	0.04
Spinosad	I	695				0.003 ^	1.5
Spirodiclofen	A	695				0.003 ^	NT
Spiromesifen	I	695				0.003 ^	0.03
Spiromesifen alcohol	IM	695				0.001 ^	0.03
Spirotetramat	I	695				0.001 ^	NT
Spiroxamine	F	695				0.001 ^	NT
Sulfallate	H	695				0.001 ^	NT
Sulfentrazone	H	695				0.003 ^	0.15
Sulfometuron methyl	H	695				0.010 ^	NT
Sulfosulfuron	H	695				0.001 ^	NT
Sulfoxaflor	I	695				0.003 ^	0.4
Sulprofos	I	695				0.003 ^	NT
TCMTB	F	695				0.005 ^	0.1
Tebuconazole	F	695				0.003 ^	0.15
Tebufenozide	I	695				0.005 ^	NT
Tebufenpyrad	I	695				0.001 ^	NT
Tebupirimfos	I	695				0.001 ^	NT
Tebuthiuron	H	695				0.001 ^	NT
Tecnazene	P	695				0.001 ^	NT
Teflubenzuron	I	695				0.005 ^	NT
Tefluthrin	I	695				0.003 ^	NT
Tepraloxydim	H	695				0.010 ^	NT
Terbacil	H	695				0.001 ^	NT
Terbufos	I	695				0.001 ^	NT
Terbufos oxygen analog sulfone	IM	695				0.010 ^	NT
Terbufos sulfone	IM	695				0.005 ^	NT
Terbufos sulfoxide	IM	695				0.003 ^	NT
Terbuthylazine	H	695				0.001 ^	NT
Terbutryn	H	385				0.001 ^	NT
Tetrachlorvinphos	I	695				0.001 ^	NT
Tetraconazole	F	695				0.001 ^	NT
Tetradifon	I	695				0.003 ^	NT

Pesticide	Pest. Type	Number of Samples	Samples with Detections	% of Samples with Detects	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Tetrahydrophthalimide (THPI)	FM	413				0.005 ^	0.05
Tetramethrin	I	695				0.005 ^	NT
Thiabendazole	F	695				0.001 ^	0.05
Thiacloprid	I	695				0.001 ^	NT
Thiamethoxam	I	695				0.001 ^	0.02
Thiazopyr	H	695				0.003 ^	NT
Thidiazuron	P	695				0.005 ^	NT
Thiencarbazone methyl	H	695				0.003 ^	NT
Thifensulfuron methyl	H	695				0.001 ^	0.05
Thiobencarb	H	695				0.003 ^	NT
Thiodicarb	I	695				0.010 ^	NT
Thionazin	I	695				0.003 ^	NT
Tolclofos methyl	F	695				0.003 ^	NT
Tolfenpyrad	I	695				0.003 ^	NT
Tri Allate	H	695				0.001 ^	NT
Triadimefon	F	695				0.003 ^	NT
Triadimenol	F	695				0.020 ^	0.05
Triasulfuron	H	695				0.001 ^	NT
Triazophos	I	695				0.001 ^	NT
Tribenuron methyl	H	695				0.001 ^	0.05
Trichlorfon	I	695				0.003 ^	NT
Trichloronate	I	695				0.001 ^	NT
Tricyclazole	F	695				0.001 ^	NT
Trifloxystrobin	F	695				0.001 ^	0.05
Trifloxysulfuron	H	695				0.001 ^	NT
Triflumezopyrim	I	695				0.001 ^	NT
Triflumizole	F	695				0.003 ^	NT
Trifluralin	H	695				0.003 ^	NT
Triticonazole	F	695				0.003 ^	0.01
Uniconazole	F	695				0.001 ^	NT
Vernolate	H	695				0.010 ^	NT
Vinclozolin	F	695				0.003 ^	NT
Zoxamide	F	695				0.001 ^	NT

Many of the listed tolerances are the sum of a parent compound and metabolite(s)/isomer(s). The reader is advised to refer to EPA for the complete listing of compounds in tolerance expressions. The cited tolerances apply to 2019 and not to the current year. There may be instances where a tolerance was recently set or revoked that would have an effect on whether a residue is violative or not.

NOTES

^ = Only one distinct detected concentration or LOD value was reported for the pesticide/commodity pair.

NT = No tolerance level was set for that pesticide/commodity pair.

(V) = Residue was found where no tolerance was established by EPA. Following "V" are the number of occurrences. Refer to pages 6 through 11 in Appendix J to see the number of occurrences broken down by sample origin (domestic, imported, or unknown) for a commodity/pesticide pair.

1 = Includes cyhalothrin lambda plus R157836 epimer.

Pesticide	Pest. Type	Number of Samples	Samples with Detections	% of Samples with Detects	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm

2 = Includes parent Tralomethrin.

3 = Metalaxyl and mefenoxam have separate registrations. Mefenoxam is also known as Metalaxyl-M, which is one of the spatial isomers comprising metalaxyl. The spatial isomers of metalaxyl are analytically indistinguishable via multiresidue methods.

Pesticide Types:

A = Acaricide
F = Fungicide, FM = Fungicide Metabolite
H = Herbicide, HM = Herbicide Metabolite
I = Insecticide, IM = Insecticide Metabolite
N = Nitrification Inhibitor
P = Plant Growth Regulator
R = Insect Growth Regulator
S = Herbicide Safener
T = Nematicide

Appendix E

Distribution of Residues for Environmental Contaminants

Appendix E shows residue detections across all commodities for 21 compounds identified as environmental contaminants, including range of values detected, range of Limits of Detection (LODs), and U.S. Environmental Protection Agency (EPA) tolerances or Action Levels for each pair. Results for environmental contaminants have been consolidated in this appendix because they have no registered uses and are not applied to crops.

The EPA tolerances cited in this summary and appendixes apply to 2019 and not to the current year. There may be instances where tolerances have been recently set, modified or revoked that would have an effect on whether a residue is violative or not.

Action Levels (ALs) are shown in this appendix, where applicable, and denote AL values established by the U.S. Food and Drug Administration (FDA). ALs are used for environmental contaminants when tolerances are not available.

APPENDIX E. DISTRIBUTION OF RESIDUES FOR ENVIRONMENTAL CONTAMINANTS

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Aldrin (insecticide) (parent of Dieldrin)						
Asparagus	298	0			0.003 ^	0.03 AL
Bananas	708	0			0.004 ^	0.02 AL
Basil	343	0			0.001 ^	NT
Cabbage	300	0			0.005 ^	0.03 AL
Cantaloupe	354	0			0.003 ^	0.1 AL
Cauliflower	176	0			0.001 ^	0.03 AL
Cilantro	176	0			0.001 ^	NT
Collard Greens	187	0			0.003 ^	0.05 AL
Garbanzo Beans, Dried	686	0			0.001 ^	0.05 AL
Hot Peppers	651	0			0.004 ^	0.05 AL
Kiwi Fruit	704	0			0.040 ^	0.05 AL
Mustard Greens	595	0			0.001 - 0.040	0.05 AL
Oats Grain	695	0			0.001 ^	0.02 AL
Orange Juice	191	0			0.001 ^	0.02 AL
Radishes	712	0			0.005 ^	0.1 AL
Rice	565	0			0.0012 - 0.0013	0.02 AL
Spinach, Canned	375	0			0.001 - 0.005	0.05 AL
Spinach, Frozen	189	1	0.5	0.002 ^	0.001 - 0.005	0.05 AL
Strawberries, Frozen	564	0			0.006 ^	0.05 AL
Sweet Bell Peppers	354	0			0.005 ^	0.05 AL
Sweet Peas, Canned	379	0			0.005 ^	0.03 AL
Sweet Peas, Frozen	126	0			0.005 ^	0.03 AL
Tangerines	180	0			0.005 ^	0.02 AL
Tomato Paste	189	0			0.001 - 0.005	0.05 AL
TOTAL	**9,697**	**1**				
BHC alpha (insecticide) (isomer of BHC)						
Asparagus	298	0			0.012 ^	0.05 AL
Basil	343	0			0.001 ^	NT
Cabbage	300	0			0.005 ^	0.05 AL
Cantaloupe	354	0			0.012 ^	0.05 AL
Cauliflower	176	0			0.001 ^	0.05 AL
Cilantro	176	0			0.001 ^	NT
Collard Greens	187	0			0.012 ^	0.05 AL
Garbanzo Beans, Dried	686	0			0.001 ^	0.05 AL
Hot Peppers	651	0			0.001 ^	0.05 AL
Kiwi Fruit	704	0			0.010 ^	0.05 AL
Mustard Greens	595	0			0.001 - 0.010	0.05 AL
Oats Grain	695	0			0.001 ^	0.05 AL
Orange Juice	191	0			0.001 ^	0.05 AL
Radishes	712	0			0.005 ^	0.05 AL
Rice	565	0			0.0012 - 0.0013	0.05 AL
Spinach, Canned	375	0			0.001 - 0.010	0.05 AL
Spinach, Frozen	189	0			0.001 - 0.010	0.05 AL
Strawberries, Frozen	564	0			0.012 ^	0.05 AL
Sweet Bell Peppers	354	0			0.005 ^	0.05 AL
Sweet Peas, Canned	379	0			0.010 ^	0.05 AL
Sweet Peas, Frozen	126	0			0.010 ^	0.05 AL
Tangerines	180	0			0.010 ^	0.05 AL
Tomato Paste	189	0			0.001 - 0.010	0.05 AL
TOTAL	**8,989**	**0**				
BHC beta (isomer of BHC)						
Asparagus	298	0			0.014 ^	0.05 AL
Cabbage	300	0			0.005 ^	0.05 AL

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Cantaloupe	354	0			0.014 ^	0.05 AL
Collard Greens	187	0			0.014 ^	0.05 AL
Hot Peppers	651	0			0.004 ^	0.05 AL
Oats Grain	695	0			0.001 ^	0.05 AL
Orange Juice	191	0			0.001 ^	0.05 AL
Radishes	712	0			0.005 ^	0.05 AL
Rice	565	0			0.0012 - 0.0013	0.05 AL
Spinach, Canned	375	0			0.001 - 0.005	0.05 AL
Spinach, Frozen	189	0			0.001 - 0.005	0.05 AL
Strawberries, Frozen	564	0			0.014 ^	0.05 AL
Sweet Bell Peppers	354	0			0.005 ^	0.05 AL
Sweet Peas, Canned	379	0			0.005 ^	0.05 AL
Sweet Peas, Frozen	126	0			0.005 ^	0.05 AL
Tangerines	180	0			0.005 ^	0.05 AL
Tomato Paste	189	0			0.001 - 0.005	0.05 AL
TOTAL	**6,309**	**0**				
BHC delta (isomer of BHC)						
Hot Peppers	651	0			0.002 ^	0.05 AL
Oats Grain	695	0			0.001 ^	0.05 AL
Orange Juice	191	0			0.001 ^	0.05 AL
Rice	565	0			0.0012 - 0.0013	0.05 AL
Spinach, Canned	204	0			0.001 ^	0.05 AL
Spinach, Frozen	102	0			0.001 ^	0.05 AL
Tomato Paste	74	0			0.001 ^	0.05 AL
TOTAL	**2,482**	**0**				
BHC epsilon (isomer of BHC)						
Hot Peppers	651	0			0.002 ^	0.05 AL
TOTAL	**651**	**0**				
Chlordane cis (isomer of Chlordane)						
Asparagus	298	0			0.010 ^	0.1 AL
Bananas	708	0			0.002 ^	0.1 AL
Basil	343	0			0.001 ^	NT
Cabbage	300	0			0.005 ^	0.1 AL
Cantaloupe	354	0			0.010 ^	0.1 AL
Cauliflower	176	0			0.001 ^	0.1 AL
Cilantro	176	1	0.6	0.002 ^	0.001 ^	NT
Collard Greens	187	0			0.010 ^	0.1 AL
Garbanzo Beans, Dried	686	0			0.001 ^	0.1 AL
Hot Peppers	651	0			0.002 ^	0.1 AL
Kiwi Fruit	704	0			0.010 ^	0.1 AL
Mustard Greens	595	0			0.001 - 0.010	0.1 AL
Oats Grain	695	0			0.001 ^	NT
Orange Juice	191	0			0.001 ^	0.1 AL
Radishes	712	0			0.005 ^	0.1 AL
Rice	565	0			0.0012 - 0.0013	NT
Spinach, Canned	375	0			0.001 - 0.010	0.1 AL
Spinach, Frozen	189	0			0.001 - 0.010	0.1 AL
Strawberries, Frozen	564	0			0.010 ^	0.1 AL
Sweet Bell Peppers	354	0			0.005 ^	0.1 AL
Sweet Peas, Canned	379	0			0.010 ^	0.1 AL
Sweet Peas, Frozen	126	0			0.010 ^	0.1 AL
Tangerines	180	0			0.010 ^	0.1 AL
Tomato Paste	189	0			0.001 - 0.010	0.1 AL
TOTAL	**9,697**	**1**				

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Chlordane trans (isomer of Chlordane)						
Asparagus	298	0			0.010 ^	0.1 AL
Bananas	708	0			0.002 ^	0.1 AL
Basil	343	0			0.001 ^	NT
Cabbage	300	0			0.005 ^	0.1 AL
Cantaloupe	354	0			0.010 ^	0.1 AL
Cauliflower	176	0			0.001 ^	0.1 AL
Cilantro	176	0			0.001 ^	NT
Collard Greens	187	0			0.010 ^	0.1 AL
Garbanzo Beans, Dried	686	0			0.001 ^	0.1 AL
Hot Peppers	651	0			0.002 ^	0.1 AL
Kiwi Fruit	704	0			0.010 ^	0.1 AL
Mustard Greens	595	1	0.2	0.002 ^	0.001 - 0.010	0.1 AL
Oats Grain	695	0			0.001 ^	NT
Orange Juice	191	0			0.001 ^	0.1 AL
Radishes	712	0			0.005 ^	0.1 AL
Rice	565	0			0.0012 - 0.0013	NT
Spinach, Canned	375	0			0.001 - 0.005	0.1 AL
Spinach, Frozen	189	0			0.001 - 0.005	0.1 AL
Strawberries, Frozen	564	0			0.010 ^	0.1 AL
Sweet Bell Peppers	354	0			0.005 ^	0.1 AL
Sweet Peas, Canned	379	0			0.005 ^	0.1 AL
Sweet Peas, Frozen	126	0			0.005 ^	0.1 AL
Tangerines	180	0			0.005 ^	0.1 AL
Tomato Paste	189	0			0.001 - 0.005	0.1 AL
TOTAL	**9,697**	**1**				
DDD o,p' (metabolite of DDT)						
Asparagus	298	0			0.001 ^	0.5 AL
Basil	343	0			0.001 ^	NT
Cantaloupe	178	0			0.001 ^	0.1 AL
Cauliflower	176	0			0.001 ^	0.5 AL
Cilantro	176	0			0.001 ^	NT
Collard Greens	156	0			0.001 ^	0.5 AL
Garbanzo Beans, Dried	686	0			0.001 ^	0.2 AL
Mustard Greens	320	0			0.001 ^	0.5 AL
Oats Grain	695	0			0.001 ^	0.5 AL
Orange Juice	191	0			0.001 ^	0.1 AL
Rice	565	0			0.0012 - 0.0013	0.5 AL
Spinach, Canned	204	0			0.001 ^	0.5 AL
Spinach, Frozen	102	0			0.001 ^	0.5 AL
Strawberries, Frozen	564	0			0.001 ^	0.1 AL
Tomato Paste	74	0			0.001 ^	0.05 AL
TOTAL	**4,728**	**0**				
DDD p,p' (metabolite of DDT)						
Asparagus	298	0			0.005 ^	0.5 AL
Basil	343	0			0.001 ^	NT
Cabbage	300	0			0.005 ^	0.5 AL
Cantaloupe	178	0			0.005 ^	0.1 AL
Cauliflower	176	0			0.001 ^	0.5 AL
Cilantro	176	1	0.6	0.002 ^	0.001 ^	NT
Collard Greens	156	0			0.005 ^	0.5 AL
Garbanzo Beans, Dried	686	0			0.001 ^	0.2 AL
Kiwi Fruit	704	0			0.005 ^	0.1 AL
Mustard Greens	595	0			0.001 - 0.005	0.5 AL
Radishes	712	0			0.005 ^	0.2 AL
Spinach, Canned	171	0			0.005 ^	0.5 AL

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Spinach, Frozen	87	0			0.005 ^	0.5 AL
Strawberries, Frozen	564	0			0.005 ^	0.1 AL
Sweet Bell Peppers	354	0			0.005 ^	0.1 AL
Sweet Peas, Canned	379	1	0.3	0.010 ^	0.005 ^	0.2 AL
Sweet Peas, Frozen	126	0			0.005 ^	0.2 AL
Tangerines	180	0			0.005 ^	0.1 AL
Tomato Paste	115	0			0.005 ^	0.05 AL
TOTAL	**6,300**	**2**				
DDE o,p' (metabolite of DDT)						
Asparagus	298	0			0.001 ^	0.5 AL
Cantaloupe	178	0			0.001 ^	0.1 AL
Collard Greens	156	0			0.001 ^	0.5 AL
Hot Peppers	651	0			0.002 ^	0.1 AL
Oats Grain	695	0			0.001 ^	0.5 AL
Orange Juice	191	0			0.001 ^	0.1 AL
Rice	565	0			0.0012 - 0.0013	0.5 AL
Spinach, Canned	204	0			0.001 ^	0.5 AL
Spinach, Frozen	102	0			0.001 ^	0.5 AL
Strawberries, Frozen	564	0			0.001 ^	0.1 AL
Tomato Paste	74	0			0.001 ^	0.05 AL
TOTAL	**3,678**	**0**				
DDE p,p' (metabolite of DDT)						
Asparagus	298	0			0.010 ^	0.5 AL
Basil	343	4	1.2	0.002 ^	0.001 ^	NT
Cabbage	300	0			0.005 ^	0.5 AL
Cantaloupe	178	0			0.010 ^	0.1 AL
Cauliflower	176	0			0.001 ^	0.5 AL
Cilantro	176	48	27.3	0.002 - 0.021	0.001 ^	NT
Collard Greens	156	0			0.010 ^	0.5 AL
Garbanzo Beans, Dried	686	0			0.001 ^	0.2 AL
Hot Peppers	651	3	0.5	0.002 ^	0.001 ^	0.1 AL
Kiwi Fruit	704	0			0.005 ^	0.1 AL
Mustard Greens	595	55	9.2	0.002 - 0.024	0.001 - 0.005	0.5 AL
Oats Grain	695	0			0.001 ^	0.5 AL
Orange Juice	191	0			0.001 ^	0.1 AL
Radishes	712	27	3.8	0.005 - 0.037	0.005 ^	0.2 AL
Rice	565	0			0.0012 - 0.0013	0.5 AL
Spinach, Canned	375	1	0.3	0.001 ^	0.001 - 0.005	0.5 AL
Spinach, Frozen	189	34	18	0.001 - 0.020	0.001 - 0.005	0.5 AL
Strawberries, Frozen	564	0			0.010 ^	0.1 AL
Sweet Bell Peppers	354	0			0.005 ^	0.1 AL
Sweet Peas, Canned	379	0			0.005 ^	0.2 AL
Sweet Peas, Frozen	126	0			0.005 ^	0.2 AL
Tangerines	180	0			0.005 ^	0.1 AL
Tomato Paste	189	0			0.001 - 0.005	0.05 AL
TOTAL	**8,782**	**172**				
DDT o,p' (insecticide)						
Basil	343	0			0.001 ^	NT
Cauliflower	176	0			0.001 ^	0.5 AL
Cilantro	176	10	5.7	0.002 - 0.004	0.001 ^	NT
Garbanzo Beans, Dried	686	0			0.001 ^	0.2 AL
Hot Peppers	651	0			0.002 ^	0.1 AL
Mustard Greens	320	8	2.5	0.002 ^	0.001 - 0.003	0.5 AL
Oats Grain	695	0			0.001 ^	0.5 AL
Orange Juice	191	0			0.001 ^	0.1 AL

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Rice	565	0			0.0012 - 0.0013	0.5 AL
Tomato Paste	74	0			0.001 ^	0.05 AL
TOTAL	**3,877**	**18**				
DDT p,p' (insecticide)						
Asparagus	63	0			0.001 - 0.004	0.5 AL
Basil	343	0			0.001 ^	NT
Cabbage	300	0			0.005 ^	0.5 AL
Cantaloupe	178	0			0.001 ^	0.1 AL
Cauliflower	176	0			0.001 - 0.003	0.5 AL
Cilantro	176	15	8.5	0.002 - 0.056	0.001 - 0.006	NT
Garbanzo Beans, Dried	686	0			0.001 - 0.003	0.2 AL
Hot Peppers	651	0			0.002 ^	0.1 AL
Kiwi Fruit	704	0			0.040 ^	0.1 AL
Mustard Greens	595	14	2.4	0.002 - 0.008	0.001 - 0.040	0.5 AL
Oats Grain	695	0			0.001 ^	0.5 AL
Orange Juice	191	0			0.001 ^	0.1 AL
Radishes	712	1	0.1	0.007 ^	0.005 ^	0.2 AL
Rice	565	1	0.2	0.005 ^	0.0012 - 0.0013	0.5 AL
Strawberries, Frozen	471	0			0.001 ^	0.1 AL
Sweet Bell Peppers	314	0			0.005 ^	0.1 AL
Tomato Paste	74	0			0.001 ^	0.05 AL
TOTAL	**6,894**	**31**				
Dieldrin (insecticide) (also a metabolite of Aldrin)						
Asparagus	298	0			0.010 ^	0.03 AL
Bananas	708	0			0.004 ^	0.02 AL
Basil	343	0			0.002 ^	NT
Cabbage	300	0			0.005 ^	0.03 AL
Cantaloupe	354	4	1.1	0.012 - 0.037	0.010 ^	0.1 AL
Cauliflower	176	0			0.002 ^	0.03 AL
Cilantro	176	2	1.1	0.004 ^	0.002 ^	NT
Collard Greens	187	0			0.010 ^	0.05 AL
Garbanzo Beans, Dried	686	0			0.002 ^	0.05 AL
Hot Peppers	651	0			0.004 ^	0.05 AL
Kiwi Fruit	704	0			0.040 ^	0.05 AL
Mustard Greens	595	3	0.5	0.004 ^	0.002 - 0.040	0.05 AL
Oats Grain	695	0			0.003 ^	0.02 AL
Orange Juice	191	0			0.003 ^	0.02 AL
Radishes	712	4	0.6	0.005 - 0.009	0.005 ^	0.1 AL
Rice	565	0			0.0026 ^	0.02 AL
Spinach, Canned	375	0			0.003 - 0.025	0.05 AL
Spinach, Frozen	189	0			0.003 - 0.025	0.05 AL
Strawberries, Frozen	564	0			0.010 ^	0.05 AL
Sweet Bell Peppers	354	0			0.005 ^	0.05 AL
Sweet Peas, Canned	379	0			0.025 ^	0.03 AL
Sweet Peas, Frozen	126	0			0.025 ^	0.03 AL
Tangerines	180	0			0.025 ^	0.02 AL
Tomato Paste	189	0			0.003 - 0.025	0.05 AL
TOTAL	**9,697**	**13**				
Endrin (insecticide)						
Asparagus	298	0			0.010 ^	0.03 AL
Basil	343	0			0.005 ^	NT
Cabbage	300	0			0.005 ^	0.03 AL
Cantaloupe	354	0			0.010 ^	0.1 AL
Cauliflower	176	0			0.005 ^	0.03 AL
Cilantro	176	0			0.005 ^	NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Collard Greens	187	0			0.010 ^	0.05 AL
Garbanzo Beans, Dried	686	0			0.005 ^	0.05 AL
Hot Peppers	651	0			0.006 ^	0.05 AL
Kiwi Fruit	704	0			0.035 ^	0.05 AL
Mustard Greens	595	0			0.005 - 0.035	0.05 AL
Oats Grain	695	0			0.003 ^	0.02 AL
Orange Juice	191	0			0.003 ^	0.02 AL
Radishes	712	0			0.005 ^	0.1 AL
Rice	565	0			0.0026 ^	0.02 AL
Spinach, Canned	375	0			0.003 - 0.005	0.05 AL
Spinach, Frozen	189	0			0.003 - 0.005	0.05 AL
Strawberries, Frozen	564	0			0.010 ^	0.05 AL
Sweet Bell Peppers	354	0			0.005 ^	0.05 AL
Sweet Peas, Canned	379	0			0.005 ^	0.03 AL
Sweet Peas, Frozen	126	0			0.005 ^	0.03 AL
Tangerines	180	0			0.005 ^	0.02 AL
Tomato Paste	189	0			0.003 - 0.005	0.05 AL
TOTAL	**8,989**	**0**				
Heptachlor (insecticide)						
Asparagus	268	0			0.002 ^	0.05 AL
Basil	343	0			0.001 ^	NT
Cabbage	300	0			0.005 ^	0.05 AL
Cantaloupe	354	0			0.002 ^	0.05 AL
Cauliflower	176	0			0.001 ^	0.05 AL
Cilantro	176	0			0.001 ^	NT
Collard Greens	187	0			0.002 ^	0.05 AL
Garbanzo Beans, Dried	686	0			0.001 ^	0.05 AL
Kiwi Fruit	704	0			0.10 ^	0.05 AL
Mustard Greens	595	0			0.001 - 0.10	0.05 AL
Oats Grain	695	0			0.001 ^	NT
Orange Juice	191	0			0.001 ^	0.05 AL
Radishes	712	0			0.005 ^	NT
Rice	565	0			0.0012 - 0.0013	0.03 AL
Spinach, Canned	375	0			0.001 ^	0.05 AL
Spinach, Frozen	189	0			0.001 ^	0.05 AL
Strawberries, Frozen	564	0			0.002 ^	0.05 AL
Sweet Bell Peppers	354	0			0.005 ^	NT
Sweet Peas, Canned	379	0			0.001 ^	NT
Sweet Peas, Frozen	126	0			0.001 ^	NT
Tangerines	180	0			0.001 ^	0.05 AL
Tomato Paste	189	0			0.001 ^	NT
TOTAL	**8,308**	**0**				
Heptachlor epoxide (metabolite of Heptachlor)						
Asparagus	298	0			0.005 ^	0.05 AL
Basil	343	0			0.002 ^	NT
Cabbage	300	0			0.005 ^	0.05 AL
Cantaloupe	354	0			0.005 ^	0.05 AL
Cauliflower	176	0			0.002 ^	0.05 AL
Cilantro	176	0			0.002 ^	NT
Collard Greens	187	0			0.005 ^	0.05 AL
Garbanzo Beans, Dried	686	0			0.002 ^	0.05 AL
Kiwi Fruit	704	0			0.040 ^	0.05 AL
Mustard Greens	595	0			0.002 - 0.040	0.05 AL
Oats Grain	695	0			0.003 ^	NT
Orange Juice	191	0			0.001 ^	0.05 AL
Radishes	712	0			0.005 ^	NT
Rice	565	0			0.0026 ^	0.03 AL

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Spinach, Canned	375	0			0.001 - 0.003	0.05 AL
Spinach, Frozen	189	0			0.001 - 0.003	0.05 AL
Strawberries, Frozen	564	0			0.005 ^	0.05 AL
Sweet Bell Peppers	354	0			0.005 ^	NT
Sweet Peas, Canned	379	0			0.001 ^	NT
Sweet Peas, Frozen	126	0			0.001 ^	NT
Tangerines	180	0			0.001 ^	0.05 AL
Tomato Paste	189	0			0.001 ^	NT
TOTAL	**8,338**	**0**				
Hexachlorobenzene - HCB (metabolite and impurity of Quintozene)						
Cabbage	300	0			0.005 ^	0.1
Hot Peppers	607	0			0.001 - 0.003	0.1
Oats Grain	695	0			0.001 ^	NT
Orange Juice	191	0			0.001 ^	NT
Radishes	712	0			0.005 ^	NT
Rice	565	0			0.0012 - 0.0013	NT
Spinach, Canned	346	0			0.001 - 0.005	NT
Spinach, Frozen	160	0			0.001 - 0.005	NT
Sweet Bell Peppers	354	0			0.005 ^	0.1
Sweet Peas, Canned	379	0			0.005 ^	NT
Sweet Peas, Frozen	94	0			0.005 ^	NT
Tangerines	180	0			0.005 ^	NT
Tomato Paste	189	0			0.001 - 0.005	0.1
TOTAL	**4,772**	**0**				
Lindane - BHC gamma (insecticide) (also an isomer of BHC)						
Asparagus	298	0			0.013 ^	NT
Basil	343	0			0.001 ^	NT
Cabbage	300	0			0.005 ^	NT
Cantaloupe	295	0			0.013 ^	NT
Cauliflower	176	0			0.001 ^	NT
Cilantro	176	0			0.001 ^	NT
Collard Greens	187	0			0.013 ^	NT
Garbanzo Beans, Dried	686	0			0.001 ^	0.5 AL
Hot Peppers	651	0			0.002 ^	NT
Kiwi Fruit	704	0			0.045 ^	0.5 AL
Mustard Greens	595	0			0.001 - 0.045	NT
Oats Grain	695	0			0.001 ^	0.1 AL
Orange Juice	191	0			0.001 ^	0.5 AL
Radishes	712	0			0.005 ^	0.5 AL
Rice	565	0			0.0012 - 0.0013	0.1 AL
Spinach, Canned	375	0			0.001 - 0.005	NT
Spinach, Frozen	189	0			0.001 - 0.005	NT
Strawberries, Frozen	564	0			0.013 ^	NT
Sweet Bell Peppers	354	0			0.005 ^	NT
Sweet Peas, Canned	379	0			0.005 ^	0.5 AL
Sweet Peas, Frozen	126	0			0.005 ^	0.5 AL
Tangerines	180	0			0.005 ^	0.5 AL
Tomato Paste	189	0			0.001 - 0.005	NT
TOTAL	**8,930**	**0**				
Mirex (insecticide)						
Asparagus	298	0			0.001 ^	NT
Cantaloupe	354	0			0.001 ^	NT
Collard Greens	187	0			0.001 ^	NT
Oats Grain	695	0			0.001 ^	NT
Orange Juice	191	0			0.001 ^	NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Rice	565	0			0.0012 - 0.0013	NT
Spinach, Canned	204	0			0.001 ^	NT
Spinach, Frozen	102	0			0.001 ^	NT
Strawberries, Frozen	564	0			0.001 ^	NT
Tomato Paste	74	0			0.001 ^	NT
TOTAL	**3,234**	**0**				
Oxychlordane (metabolite of Chlordane)						
Bananas	708	0			0.007 ^	0.1 AL
Hot Peppers	651	0			0.007 ^	0.1 AL
Oats Grain	695	0			0.005 ^	NT
Orange Juice	191	0			0.005 ^	0.1 AL
Rice	565	0			0.005 ^	NT
Spinach, Canned	204	0			0.005 ^	0.1 AL
Spinach, Frozen	102	0			0.005 ^	0.1 AL
Tomato Paste	74	0			0.005 ^	0.1 AL
TOTAL	**3,190**	**0**				

NOTES

^ Only one distinct detected concentration or LOD value was reported for the pesticide/commodity pair.

AL = Numbers shown are Action Levels established by FDA for some pesticides. Under the Food Quality Protection Act, responsibility for establishing tolerances in lieu of action levels has been transferred to EPA. In the interim, action levels are used.

NT = No tolerance level was set for that pesticide/commodity pair.

Appendix F

Sample Origin by State or Country (Determined by Grower, Packer, or Distributor)

Appendix F gives the number of samples per State or country of origin and the number of samples of unknown origin. Where available, the origin of fresh commodities is taken from the grower or packer information. For processed commodities, origin is determined primarily by packer or distributor.

As shown in Appendix F, samples originated from 39 States, 1 U.S. territory (Puerto Rico) and 40 foreign countries. There were 276 domestic samples from unknown States and 16 imported samples from unknown countries. There were an additional 78 samples from unknown origins. Overall, 64.5 percent of samples were from U.S. sources, 32.2 percent were imports from single countries, 2.5 percent were of mixed national origin, and 0.8 percent were of unknown origin.

APPENDIX F. SAMPLE ORIGIN BY STATE OR COUNTRY
(Determined by Grower, Packer, or Distributor)

Part 1. Domestic Samples

	Fresh F&V														Processed F&V								Grains		# of	% of
	AS	BN	BS	CF	CG	CL	CN	GL	HP	KW	MG	PP	RD	TA	OJ	PS	SC	SD	SF	SZ	TP	ZD	OA	RI	Samp.	Total
Alabama												1												2	3	<0.1
Arizona			4			2	38				3	2	53			4		4	3	8	1		1	1	124	1.3
Arkansas				1											4	8	3	18	4	3	9	56	25	44	175	1.8
California	18		70	146	91	81	186	60	44	207	197	74	116	68	8	16	214	110	30	67	49	144	35	75	2106	21.7
Colorado			4		4	1	3	5	7		16	4	13							1	1	12			71	0.7
Connecticut							1																		1	<0.1
Delaware					2							2													4	<0.1
Florida			13		34	8	19		51	4	2	32	114	17	31	5	1	8	5	6	3	35	3	7	398	4.1
Georgia					14		5	33	29		99	15	1		2										198	2.0
Hawaii			4																						4	<0.1
Idaho	1															1	1	1		2	1	5	2		14	0.1
Illinois			3						1			2			1	4		13	8	10	53	51	279	32	457	4.7
Indiana	1				1				2	1		1	1								4				11	0.1
Kansas																	2								2	<0.1
Kentucky					1				2																3	<0.1
Louisiana														2								8		4	14	0.1
Maine				3													4							1	8	0.1
Maryland	3		8		8			10	8		9	2	1	1	1	2	6	9			1	6	4	3	82	0.8
Massachusetts								1							2										3	<0.1
Michigan	13		1	2			1	8	12		24	15	113			6	8	15	7	16	9	9	5	7	271	2.8
Minnesota								4			11					3	12	35	2	11	12	27	28	22	167	1.7
Mississippi					1							1													2	<0.1
Missouri	1																	2			1		3	6	13	0.1
Nebraska																					1	1			2	<0.1
New Hampshire																	4	3		3	1	10	2		23	0.2
New Jersey			9		7			4	9	4	9	12	3			17		42	10		4	116	3	19	268	2.8
New York			9	2	2			4	5		2	10	1	2	1	1	7	63	7	6	7	22	7	10	168	1.7
North Carolina	1				20			1	27		7	6				3	7	15	4	17	4	26	2	24	164	1.7
North Dakota																						2			2	<0.1
Ohio			19		2			4	11		41	3	53	2	5	4	24	14	10	14	10	53	18	13	300	3.1
Oregon								2	1		3	1	19			3		2	4	1			66	2	104	1.1
Pennsylvania							1	1	2	1	1	2				4		3	8	2	3	13	9	11	61	0.6
Puerto Rico																								4	4	<0.1
Rhode Island																					1		2		3	<0.1
South Carolina								16	1		43	1					79	2							142	1.5
Tennessee												2				6		1	21		1				31	0.3
Texas			18	5	55	33	5	13	20	3	59	5	14	3	3	11	2	14	7	7	11	46	8	118	460	4.7
Virginia			17																						17	0.2
Washington	14		1		1			1	6		8	6	14		2	2			5	2		1	24	1	88	0.9
Wisconsin								1			3					7							2		13	0.1
Unknown State	4		25	4	39	8	10	13	51	3	53	11	39		4	2		2	2	2			1	3	276	2.8
# of Domestic	56	0	205	163	282	133	269	181	289	223	590	210	555	95	64	109	374	376	137	178	187	643	529	409	6,257	
% of Total	19	0	60	93	94	76	76	97	44	32	99	59	78	53	34	87	100	99	72	32	99	94	76	72		64.5

Part 2. Imported Samples

	Fresh F&V														Processed F&V								Grains		# of	% of
	AS	BN	BS	CF	CG	CL	CN	GL	HP	KW	MG	PP	RD	TA	OJ	PS	SC	SD	SF	SZ	TP	ZD	OA	RI	Samp.	Total
Argentina																				7		6		1	14	0.1
Australia														2											2	<0.1
Belgium																1			2						3	<0.1
Brazil															5										5	0.1
Cambodia			1																						1	<0.1
Canada	5		2	2	3			3	1	1		35	55			7		1		1		6	56		178	1.8
Chile										212				60						63					335	3.5
China																1			21	1				2	25	0.3
Colombia		34	59			1																			94	1.0
Costa Rica		131																							131	1.4
Denmark																1									1	<0.1
Ecuador		131																							131	1.4
Egypt																1									1	<0.1
Greece										35											1				36	0.4
Guadeloupe		1																							1	<0.1
Guatemala		214					63													1					278	2.9
Honduras		98					1					2													101	1.0
India																								30	30	0.3
Ireland																							12		12	0.1
Israel												1												1	2	<0.1
Italy		1								143								1				2		2	149	1.5
Mexico	180	66	57	11	9	41	17	1	332		3	96	98		6				25	221		8		2	1173	12.1
Morocco														2						5					7	0.1
Netherlands												6							3						9	0.1
New Zealand										87															87	0.9
Pakistan																								8	8	0.1
Palestine			1																						1	<0.1
Panama		4																							4	<0.1
Peru	57	13	3											15						61					149	1.5
Poland																1									1	<0.1
Portugal																1									1	<0.1
St. Kitts & Nevis										1															1	<0.1
South Africa														4											4	<0.1
Spain												2				4						7		1	14	0.1
Thailand																								106	106	1.1
Turkey																				9		2			11	0.1
Uruguay														1											1	<0.1
Vietnam																								1	1	<0.1
Unk. Country		15								1															16	0.2
# of Imports	242	708	123	13	12	42	81	4	333	480	3	142	153	84	11	17	0	2	51	369	1	31	68	154	3,124	
% of Total	81	100	36	7	4	24	23	2	51	68	1	40	21	47	6	13	0	1	27	65	1	5	10	27		32.2

Part 3. Mixed National Origin Samples

	Fresh F&V														Processed F&V								Grains		# of	% of
	AS	BN	BS	CF	CG	CL	CN	GL	HP	KW	MG	PP	RD	TA	OJ	PS	SC	SD	SF	SZ	TP	ZD	OA	RI	Samp.	Total
Argentina / Canada																				1					1	<0.1
Argentina / Canada / Mexico																						4			4	<0.1
Argentina / Canada / USA																						1			1	<0.1
Argentina / Morocco																				1					1	<0.1
Belize / Brazil / Costa Rica / Mexico / USA															2										2	<0.1
Brazil / Costa Rica / Mexico / USA															7										7	0.1
Brazil / Costa Rica / USA															6										6	0.1
Brazil / Mexico															2										2	<0.1
Brazil / Mexico / USA															20										20	0.2
Brazil / USA															61										61	0.6
Canada / Chile																				3					3	<0.1
Canada / Mexico																				4					4	<0.1
Canada / USA																						1	97		98	1.0
Colombia / Peru																						2			2	<0.1
Ecuador / Mexico																			1						1	<0.1
India / Pakistan																								1	1	<0.1
Mexico / Morocco																				3					3	<0.1
Mexico / Peru																				1					1	<0.1
Mexico / USA															15					2					17	0.2
Morocco / Peru																				1					1	<0.1
Serbia / Turkey																				1					1	<0.1
Spain / USA																						1			1	<0.1
# of Mixed National Origin Samples															113				1	17		9	97	1	238	
% of Total															59				1	3		1	14	0		2.5

Part 4. Unknown Origin Samples

	Fresh F&V														Processed F&V								Grains		# of	% of
	AS	BN	BS	CF	CG	CL	CN	GL	HP	KW	MG	PP	RD	TA	OJ	PS	SC	SD	SF	SZ	TP	ZD	OA	RI	Samp.	Total
Unknown Origin			15		6	1	4	2	29	1	2	2	4	1	3		1	1			1	3	1	1	78	0.8
% of Total			4		2	1	1	1	4	0	0	1	1	1	2		0	0			1	0	0	0		0.8

Sample Totals:	298	708	343	176	300	176	354	187	651	704	595	354	712	180	191	126	375	379	189	564	189	686	695	565	9,697

Commodity Legend		
AS = Asparagus	HP = Hot Peppers	RI = Rice
BN = Bananas	KW = Kiwi Fruit	SC = Spinach, Canned
BS = Basil	MG = Mustard Greens	SD = Sweet Peas, Canned
CF = Cauliflower	OA = Oats	SF = Spinach, Frozen
CG = Cabbage	OJ = Orange Juice	SZ = Strawberries, Frozen
CL = Cilantro	PP = Sweet Bell Peppers	TA = Tangerines
CN = Cantaloupe	PS = Sweet Peas, Frozen	TP = Tomato Paste
GL = Collard Greens	RD = Radishes	ZD = Garbanzo Beans, Dried

Appendix G

Import Versus Domestic Pesticide Residue Comparisons

The Pesticide Data Program is designed to provide a comprehensive statistical picture of pesticide residues in the U.S. food supply, representing all sources, including imports. Most commodities consumed are generally produced in the United States with import components that vary by commodity. However, several commodities tested over the past several years were cyclical; that is, part of the year the commodity was produced domestically and part of the year it was imported.

Appendix G compares residue data reported for samples originating in the United States with those of the same commodity from major exporting countries in 2019. Residue data for domestic hot peppers are compared with data for samples originating in Mexico. Residue data for domestic kiwi fruit are compared with data for samples originating in both Chile and Italy. These commodities were selected because they are fresh products collected all 12 months of the year and they have more than 100 data points (samples) for each of the countries compared. Only residues detected in more than 5 percent of all samples are included in each comparison. All pesticides detected were registered in the United States. However, the profiles of residue findings were markedly different in the United States samples versus samples from these exporting countries. The differences in residue detections between countries were likely due to the pesticides used in response to pest pressures based on differing environmental and climatic conditions as well as crop production and protection practices.

Appendix G. Import Versus Domestic Pesticide Residue Comparisons

2019 Distribution of Residues for Hot Pepper Samples Originating in Mexico Versus United States

(Only Pesticides with Residue Detections in at least 5 Percent of all Samples)

Pesticide	Origin	# of Samples Analyzed	# of Samples w/ Detections	% of Samples w/ Detections	Range of Detections, ppm	EPA Tolerance, ppm
Azoxystrobin	United States	289	70	24.2	0.003 - 0.19	3.0
	Mexico	332	56	16.9	0.003 - 0.079	3.0
Bifenthrin	United States	289	66	22.8	0.003 - 0.32	0.5
	Mexico	332	25	7.5	0.003 - 0.098	0.5
Boscalid	United States	289	7	2.4	0.008 - 0.054	3.0
	Mexico	332	30	9.0	0.008 - 0.16	3.0
Carbaryl	United States	289	8	2.8	0.062 - 0.20	5.0
	Mexico	332	28	8.4	0.008 - 1.1	5.0
Chlorantraniliprole	United States	289	19	6.6	0.012 - 0.031	1.4
	Mexico	332	17	5.1	0.012 - 0.012	1.4
Chlorpyrifos	United States	289	24	8.3	0.017 - 0.72	1.0
	Mexico	332	37	11.1	0.017 - 0.45	1.0
Clothianidin	United States	289	16	5.5	0.058 - 0.16	0.80
	Mexico	332	26	7.8	0.058 - 0.20	0.80
Cyfluthrin	United States	289	21	7.3	0.013 - 0.059	0.50
	Mexico	332	38	11.4	0.013 - 0.23	0.50
Cyhalothrin, Total	United States	289	18	6.2	0.005 - 0.058	0.20
	Mexico	332	50	15.1	0.005 - 0.10	0.20
Cypermethrin	United States	289	37	12.8	0.042 - 0.28	0.2
	Mexico	332	17	5.1	0.042 - 0.29	0.2
Difenoconazole	United States	289	38	13.1	0.002 - 0.060	0.60
	Mexico	332	35	10.5	0.002 - 0.098	0.60
Famoxadone	United States	289	40	13.8	0.02 - 0.17	4.0
	Mexico	332	3	0.9	0.02 - 0.05	4.0
Fluopicolide	United States	289	35	12.1	0.003 - 0.11	1.6
	Mexico	332	5	1.5	0.003 - 0.024	1.6
Fluopyram	United States	289	17	5.9	0.003 - 0.055	4.0
	Mexico	332	51	15.4	0.003 - 0.13	4.0

Pesticide	Origin	# of Samples Analyzed	# of Samples w/ Detections	% of Samples w/ Detections	Range of Detections, ppm	EPA Tolerance, ppm
Metalaxyl/Mefenoxam	United States	289	54	18.7	0.005 - 0.19	1.0
	Mexico	332	44	13.3	0.005 - 0.22	1.0
Methomyl	United States	289	23	8.0	0.017 - 0.59	2
	Mexico	332	23	6.9	0.017 - 0.41	2
Myclobutanil	United States	289	12	4.2	0.007 - 0.081	4.0
	Mexico	332	66	19.9	0.007 - 0.087	4.0
Novaluron	United States	289	37	12.8	0.005 - 0.13	1.0
	Mexico	332	15	4.5	0.005 - 0.19	1.0
Oxamyl	United States	289	27	9.3	0.017 - 0.77	5.0
	Mexico	332	5	1.5	0.017 - 0.23	5.0
Pyraclostrobin	United States	289	45	15.6	0.005 - 0.51	1.4
	Mexico	332	28	8.4	0.005 - 0.10	1.4
Quinoxyfen	United States	289	29	10	0.002 - 0.068	1.7
	Mexico	332	18	5.4	0.002 - 0.015	1.7
Tebuconazole	United States	289	9	3.1	0.007 - 0.16	1.3
	Mexico	332	29	8.7	0.007 - 0.16	1.3
Thiamethoxam	United States	289	25	8.7	0.067 - 0.067	0.25
	Mexico	332	32	9.6	0.067 - 0.19	0.25

NOTE: The Limits of Detection (LODs) for pesticide detections in hot peppers are listed in Appendix B.

2019 Distribution of Residues for Kiwi Fruit Samples Originating in Chile and Italy Versus United States

(Only Pesticides with Residue Detections in at least 5 Percent of all Samples)

Pesticide	Origin	# of Samples Analyzed	# of Samples w/ Detections	% of Samples w/ Detections	Range of Detections, ppm	EPA Tolerance, ppm
Cyprodinil	United States	223	45	20.2	0.042 - 0.78	1.8
	Chile	212	0	0		1.8
	Italy	143	0	0		1.8
Fludioxonil	United States	223	8	3.6	0.07 - 3.9	20
	Chile	212	11	5.2	0.39 - 3.1	20
	Italy	143	30	21	0.15 - 3.4	20
Iprodione	United States	223	3	1.3	0.04 - 0.088	10.0
	Chile	212	26	12.3	0.025 - 0.14	10.0
	Italy	143	3	2.1	0.027 - 0.056	10.0

NOTE: The Limits of Detection (LODs) for pesticide detections in kiwi fruit are listed in Appendix B.

Appendix H

Pesticide Residues by Commodity
(Pairs With Residue Detections in at Least 5 Percent of Samples)

Appendix H shows 283 commodity/pesticide pairs (including metabolites, isomers, and degradates) with detections in at least 5 percent of the samples tested. The data shown include the range and mean of values detected and U.S. Environmental Protection Agency (EPA) tolerance references for each pair. The EPA tolerances cited in this summary and appendixes apply to 2019 and not to the current year. There may be instances where tolerances have been recently set, modified, or revoked that would have an effect on whether a residue is violative or not.

APPENDIX H. PESTICIDE RESIDUES [A] BY COMMODITY

(Pairs With Residue Detections in at Least 5 Percent of Samples)

Commodity / Pesticide	Pest. Type	% of Samples with Detections	Number of Samples Analyzed	Number of Samples with Detections	Range of Detections, ppm	Mean of Detections, ppm	EPA Tolerance, ppm
1 Bananas (6 pesticides)							
Azoxystrobin	F	39.7	708	281	0.003 - 0.041	0.004	0.1
Buprofezin	I	16.1	708	114	0.002 - 0.14	0.014	0.20
Fenpropimorph	F	12	708	85	0.005 - 0.026	0.006	2.0
Imazalil	F	13.4	708	95	0.007 - 0.10	0.02	3.0
Myclobutanil	F	11.9	708	84	0.007 - 0.12	0.027	4.0
Thiabendazole	F	44.4	708	314	0.005 - 0.46	0.071	3.0
2 Basil (29 pesticides)							
Acetamiprid *	I	5	343	17	0.008 - 14	1.3	0.01
Ametoctradin	F	29.4	343	101	0.002 - 11	1.6	NT
Azoxystrobin	F	43.4	343	149	0.002 - 11	0.94	50
Bifenthrin *	I	26.8	343	92	0.002 - 3.2	0.19	0.05
Boscalid	F	18.1	343	62	0.002 - 8.6	0.24	150
Chlorantraniliprole	I	33.8	343	116	0.003 - 9.2	0.43	25
Chlorpyrifos *	I	9.3	343	32	0.002 - 0.40	0.031	0.1
Cyazofamid	F	21.9	343	75	0.010 - 13	1.7	90
Cyhalothrin, Total [1] *	I	8.2	343	28	0.005 - 1.4	0.27	0.01
Cypermethrin *	I	9.3	343	32	0.037 - 4.1	0.88	0.05
Cyprodinil	F	7.6	343	26	0.002 - 0.35	0.082	3.0
DCPA	H	5.8	343	20	0.002 - 0.084	0.019	5.0
Dimethoate (parent)	I	16.6	343	57	0.002 - 3.6	0.32	NT
Omethoate [2]	IM	11.7	343	40	0.004 - 1.0	0.087	NT
Dimethomorph	F	31.2	343	107	0.002 - 13	1.4	NT
Emamectin benzoate	I	5.6	267	15	0.002 - 0.090	0.029	NT
Fenamidone	F	5.5	343	19	0.004 - 3.5	0.31	30
Fludioxonil	F	5	343	17	0.010 - 0.98	0.22	10
Fluopicolide	F	9	343	31	0.003 - 0.16	0.031	40
Fluopyram	F	8.2	343	28	0.002 - 0.17	0.027	40
Flupyradifurone	I	10.8	343	37	0.002 - 7.8	0.35	NT
Imidacloprid	I	51.3	343	176	0.002 - 105	2.3	8.0
Mandipropamid	F	42.9	343	147	0.005 - 18	2.8	30
Metalaxyl/Mefenoxam [3]	F	43.4	343	149	0.002 - 1.9	0.14	8.0
Methoxyfenozide	I	30	343	103	0.003 - 11	2.2	400
Piperonyl butoxide *	I	5.5	343	19	0.003 - 1.1	0.204	10
Pyraclostrobin	F	7	343	24	0.002 - 3.0	0.18	40
Spinetoram	I	18.1	343	62	0.004 - 2.5	0.17	3.0
Spinosad *	I	14.9	343	51	0.004 - 1.9	0.101	3.0
Thiamethoxam (parent) *	I	5.5	343	19	0.003 - 0.21	0.038	0.02
Clothianidin [4] *	I	5.2	343	18	0.006 - 0.15	0.053	0.02
3 Cabbage (1 pesticide)							
Imidacloprid	I	7	300	21	0.010 - 0.033	0.016	3.5

Commodity / Pesticide	Pest. Type	% of Samples with Detections	Number of Samples Analyzed	Number of Samples with Detections	Range of Detections, ppm	Mean of Detections, ppm	EPA Tolerance, ppm
4 Cantaloupe (6 pesticides)							
Acetamiprid *	I	15.3	354	54	0.002 - 0.039	0.005	0.50
Dinotefuran *	I	36.7	354	130	0.004 - 0.12	0.031	0.5
Flonicamid	I	7.6	354	27	0.006 - 0.017	0.01	1.5
Imidacloprid	I	23.2	354	82	0.003 - 0.14	0.021	0.5
Metalaxyl/Mefenoxam [3]	F	15.3	354	54	0.001 - 0.046	0.009	1.0
Thiamethoxam *	I	16.1	354	57	0.003 - 0.022	0.008	0.2
5 Cauliflower (3 pesticides)							
Flupyradifurone	I	14.2	176	25	0.002 - 0.010	0.003	6.0
Imidacloprid	I	24.4	176	43	0.003 - 0.036	0.01	3.5
Thiamethoxam (parent) *	I	27.8	176	49	0.003 - 0.032	0.005	4.5
Clothianidin [4] *	I	5.1	176	9	0.003 - 0.021	0.006	4.5
6 Cilantro (28 pesticides)							
Ametoctradin	F	10.2	176	18	0.002 - 0.26	0.046	NT
Azoxystrobin	F	26.7	176	47	0.002 - 8.5	0.91	30.0
Bifenthrin *	I	13.6	176	24	0.002 - 0.74	0.10	6.0
Boscalid	F	27.3	176	48	0.002 - 1.2	0.075	150
Chlorantraniliprole	I	25.6	176	45	0.003 - 0.072	0.012	25
Chlorpropham	H	5.1	176	9	0.002 ^	0.002	NT
Chlorpyrifos *	I	11.4	176	20	0.002 - 0.031	0.007	0.1
Cypermethrin *	I	9.1	176	16	0.037 - 4.2	0.73	10
Cyprodinil	F	5.7	176	10	0.002 - 0.29	0.039	3.0
DCPA	H	73.3	176	129	0.002 - 0.072	0.009	5.0
Diazinon	I	5.7	176	10	0.002 - 0.010	0.004	NT
Dimethomorph	F	11.9	176	21	0.002 - 0.32	0.027	30.0
Famoxadone	F	6.2	176	11	0.004 - 1.7	0.27	25
Fenamidone	F	13.6	176	24	0.004 - 1.2	0.092	60
Fluopyram	F	8.5	176	15	0.002 - 0.36	0.031	40
Flupyradifurone	I	16.5	176	29	0.002 - 3.9	0.30	30
Imidacloprid	I	21.6	176	38	0.002 - 0.59	0.06	8.0
Linuron	H	38.1	176	67	0.006 - 0.66	0.066	3.0
Methoxyfenozide	I	5.1	176	9	0.007 - 2.2	0.44	400
Metolachlor	H	8	176	14	0.002 - 0.007	0.003	8.0
Pendimethalin	H	34.1	176	60	0.002 - 0.021	0.003	NT
Penthiopyrad	F	11.9	176	21	0.002 - 0.047	0.008	30
Permethrin (parent)							
Permethrin cis [5]	IM	14.8	176	26	0.002 - 1.3	0.068	NT
Permethrin trans [5]	IM	11.4	176	20	0.002 - 1.1	0.083	NT
Prometryn	H	42.6	176	75	0.002 - 0.39	0.033	3.5
Pronamide	H	8	176	14	0.002 - 0.009	0.002	NT
Pyraclostrobin	F	19.3	176	34	0.002 - 3.1	0.18	40
Thiamethoxam *	I	8.5	176	15	0.003 - 0.014	0.006	0.02
Trifluralin	H	6.8	176	12	0.002 - 0.005	0.002	NT

Commodity / Pesticide	Pest. Type	% of Samples with Detections	Number of Samples Analyzed	Number of Samples with Detections	Range of Detections, ppm	Mean of Detections, ppm	EPA Tolerance, ppm
7 Collard Greens (20 pesticides)							
Acetamiprid *	I	13.4	187	25	0.002 - 1.5	0.13	15
Azoxystrobin	F	20.9	187	39	0.002 - 3.8	0.60	25
Bifenthrin *	I	25.7	187	48	0.002 - 1.7	0.15	3.5
Boscalid	F	27.8	187	52	0.003 - 2.2	0.093	60
Chlorantraniliprole	I	21.4	187	40	0.011 - 1.3	0.30	11
Cyfluthrin *	I	20.3	187	38	0.005 - 0.80	0.15	7.0
Cypermethrin *	I	19.3	187	36	0.016 - 2.2	0.26	14.0
DCPA	H	35.3	187	66	0.002 - 0.12	0.018	5.0
Dimethomorph	F	13.4	187	25	0.003 - 0.57	0.086	30.0
Fenamidone	F	8	187	15	0.006 - 4.5	0.92	60
Fluopicolide	F	29.4	187	55	0.005 - 1.2	0.11	18
Fluopyram	F	12.3	187	23	0.005 - 0.18	0.027	50
Imidacloprid	I	30.5	187	57	0.003 - 0.23	0.051	3.5
Indoxacarb	I	7.5	187	14	0.022 - 0.84	0.32	12
Mandipropamid	F	9.1	187	17	0.009 - 0.39	0.10	25
Methoxyfenozide	I	23.5	187	44	0.004 - 5.3	0.61	30
Pyraclostrobin	F	22.5	187	42	0.003 - 3.3	0.45	16
Pyriproxyfen	I	5.3	187	10	0.001 - 0.46	0.065	2.0
Spinetoram	I	8.6	187	16	0.004 - 0.22	0.035	10
Thiamethoxam (parent) *	I	19.8	187	37	0.003 - 0.84	0.073	3.0
Clothianidin [4] *	I	19.3	187	36	0.011 - 0.14	0.048	3.0
8 Garbanzo Beans, Dried (2 pesticides)							
Carbendazim (MBC) [6]	F	6.3	686	43	0.002 - 0.008	0.003	0.2
Piperonyl butoxide *	I	5.8	686	40	0.003 - 0.11	0.008	10
9 Hot Peppers (22 pesticides)							
Azoxystrobin	F	20.1	651	131	0.003 - 0.19	0.022	3.0
Bifenthrin *	I	14.7	651	96	0.003 - 0.32	0.032	0.5
Boscalid	F	5.7	651	37	0.008 - 0.16	0.031	3.0
Carbaryl	I	5.5	651	36	0.008 - 1.1	0.17	5.0
Chlorantraniliprole	I	5.7	651	37	0.012 - 0.031	0.013	1.4
Chlorpyrifos *	I	10	651	65	0.017 - 0.72	0.16	1.0
Cyfluthrin *	I	9.7	651	63	0.013 - 0.23	0.025	0.50
Cyhalothrin, Total [1] *	I	10.6	651	69	0.005 - 0.10	0.015	0.20
Cypermethrin *	I	8.6	651	56	0.042 - 0.28	0.062	0.2
Difenoconazole	F	11.5	651	75	0.002 - 0.098	0.016	0.60
Famoxadone	F	6.9	651	45	0.020 - 0.17	0.046	4.0
Fluopicolide	F	6.5	651	42	0.003 - 0.11	0.014	1.6
Fluopyram	F	10.6	651	69	0.003 - 0.13	0.02	4.0
Metalaxyl/Mefenoxam [3]	F	15.8	651	103	0.005 - 0.22	0.025	1.0
Methomyl	I	7.5	651	49	0.017 - 0.59	0.11	2
Myclobutanil	F	12.1	651	79	0.007 - 0.087	0.019	4.0
Novaluron *	I	8.3	651	54	0.005 - 0.19	0.031	1.0

Commodity / Pesticide	Pest. Type	% of Samples with Detections	Number of Samples Analyzed	Number of Samples with Detections	Range of Detections, ppm	Mean of Detections, ppm	EPA Tolerance, ppm
Oxamyl	I	5.2	651	34	0.017 - 0.77	0.14	5.0
Pyraclostrobin	F	12.1	651	79	0.005 - 0.50	0.037	1.4
Quinoxyfen	F	7.5	651	49	0.002 - 0.068	0.016	1.7
Tebuconazole	F	5.8	651	38	0.007 - 0.16	0.044	1.3
Thiamethoxam (parent) *	I	9.2	651	60	0.067 - 0.19	0.074	0.25
Clothianidin [4] *	I	7.1	651	46	0.058 - 0.20	0.068	0.80
10 Kiwi Fruit (3 pesticides)							
Cyprodinil	F	6.4	704	45	0.042 - 0.78	0.26	1.8
Fludioxonil	F	7.4	704	52	0.070 - 3.9	1.6	20
Iprodione	F	5.4	704	38	0.025 - 0.14	0.057	10.0
11 Mustard Greens (26 pesticides)							
Acetamiprid *	I	5.5	581	32	0.002 - 3.6	0.21	15
Ametoctradin	F	7.2	595	43	0.002 - 10	0.98	50
Atrazine	H	5	595	30	0.001 - 0.006	0.003	NT
Azoxystrobin	F	15.6	595	93	0.002 - 8.3	0.24	25
Bifenthrin *	I	18.7	595	111	0.002 - 3.3	0.12	3.5
Boscalid	F	23	595	137	0.002 - 0.49	0.023	60
Chlorantraniliprole	I	27.1	595	161	0.003 - 1.4	0.076	11
Cyantraniliprole	I	6.4	595	38	0.004 - 2.4	0.29	30
Cyfluthrin *	I	19.3	595	115	0.012 - 5.0	0.26	7.0
Cypermethrin *	I	19.2	595	114	0.037 - 2.3	0.53	14.0
DCPA	H	38.5	595	229	0.002 - 0.58	0.054	5.0
Dimethomorph	F	8.1	595	48	0.002 - 0.94	0.059	30.0
Fenamidone	F	5.5	595	33	0.004 - 11	0.72	60
Flonicamid	I	9.4	595	56	0.002 - 4.2	0.23	16
Fluopicolide	F	24.5	595	146	0.002 - 4.6	0.14	18
Fluopyram	F	20.5	595	122	0.002 - 1.1	0.086	50
Flupyradifurone	I	14.8	595	88	0.003 - 6.4	0.38	40
Imidacloprid	I	27.2	595	162	0.002 - 3.2	0.077	3.5
Linuron	H	6.2	595	37	0.003 - 0.10	0.011	NT
Mandipropamid	F	5.7	595	34	0.005 - 2.0	0.32	25
Methoxyfenozide	I	10.1	595	60	0.003 - 6.3	0.44	30
Penthiopyrad	F	17.3	595	103	0.001 - 8.1	0.51	50
Pyraclostrobin	F	35.8	595	213	0.002 - 11	0.55	16
Spinetoram	I	9.3	579	54	0.003 - 1.5	0.13	10
Tebuconazole	F	6.2	595	37	0.002 - 4.4	0.46	2.5
Thiamethoxam (parent) *	I	20.5	595	122	0.003 - 0.13	0.014	3.0
Clothianidin [4] *	I	19.5	595	116	0.003 - 0.073	0.016	3.0
12 Orange Juice (3 pesticides)							
Diflubenzuron	I	31.9	191	61	0.001 - 0.004	0.002	3.0
Imazalil	F	19.9	191	38	0.003 - 0.083	0.026	10.0
Thiabendazole	F	33	191	63	0.001 - 0.10	0.015	10.0

Commodity / Pesticide	Pest. Type	% of Samples with Detections	Number of Samples Analyzed	Number of Samples with Detections	Range of Detections, ppm	Mean of Detections, ppm	EPA Tolerance, ppm
13 Radishes (5 pesticides)							
Azoxystrobin	F	10	712	71	0.002 - 0.13	0.023	1.0
Chlorpyrifos *	I	8	712	57	0.006 - 0.11	0.023	2.0
DCPA	H	16.3	712	116	0.005 - 0.21	0.038	2.0
Flonicamid	I	5.2	712	37	0.010 - 0.19	0.043	0.60
Pyraclostrobin	F	6.2	712	44	0.004 - 0.083	0.024	0.4
14 Rice (9 pesticides)							
Azoxystrobin	F	10.8	565	61	0.001 - 0.019	0.004	5.0
Deltamethrin [7] *	I	6	565	34	0.001 - 0.45	0.031	1.0
Dinotefuran *	I	8.5	565	48	0.003 - 0.041	0.016	9.0
Isoprothiolane	F	7.4	565	42	0.001 - 0.23	0.03	NT
MGK-264 *	I	12	565	68	0.001 - 0.38	0.012	5
Piperonyl butoxide *	I	20	565	113	0.003 - 4.8	0.10	20
Propiconazole	F	37.7	565	213	0.001 - 0.11	0.007	7.0
Tebuconazole	F	7.3	565	41	0.003 - 0.040	0.012	NT
Tricyclazole	F	6	565	34	0.001 - 0.66	0.057	3.0
15 Spinach, Canned (12 pesticides)							
Azoxystrobin	F	28.3	375	106	0.001 - 8.0	0.48	30.0
Bifenthrin *	I	13.3	375	50	0.001 - 0.081	0.009	0.2
Chlorantraniliprole	I	23.2	375	87	0.005 - 0.51	0.068	13
Cyfluthrin *	I	47.5	375	178	0.003 - 2.3	0.27	6.0
Cypermethrin *	I	91.4	374	342	0.011 - 7.2	1.2	10
Flupyradifurone	I	8.3	375	31	0.001 - 2.1	0.85	30
Flutriafol	F	17.1	375	64	0.001 - 0.17	0.009	10
Imidacloprid	I	5.6	375	21	0.003 - 0.030	0.011	3.5
Indoxacarb	I	9.9	375	37	0.006 - 2.2	0.20	14
Penthiopyrad	F	9.3	375	35	0.001 - 0.041	0.009	30
Permethrin Total	I	37.6	375	141	0.006 - 3.5	0.98	20
Pyraclostrobin	F	8.3	375	31	0.001 - 0.086	0.02	40
16 Spinach, Frozen (25 pesticides)							
Ametoctradin	F	26.5	189	50	0.001 - 3.5	0.35	50.0
Azoxystrobin	F	18.5	189	35	0.002 - 3.4	0.46	30.0
Boscalid	F	11.6	189	22	0.003 - 0.031	0.009	70
Chlorantraniliprole	I	20.6	189	39	0.005 - 1.7	0.19	13
Clothianidin	I	23.8	189	45	0.001 - 0.089	0.011	4.0
Cyfluthrin *	I	19.1	131	25	0.004 - 1.7	0.36	6.0
Cypermethrin *	I	24.4	131	32	0.012 - 7.9	1.2	10
Dimethomorph	F	10.1	189	19	0.004 - 0.22	0.035	30.0
Famoxadone	F	5.3	189	10	0.012 - 3.8	1.2	50
Fenamidone	F	15.3	189	29	0.001 - 1.1	0.14	60
Flubendiamide	I	7.9	189	15	0.002 - 0.89	0.37	11
Fluopicolide	F	19	189	36	0.001 - 0.84	0.048	25
Flupyradifurone	I	17.5	189	33	0.001 - 0.93	0.14	30

Commodity / Pesticide	Pest. Type	% of Samples with Detections	Number of Samples Analyzed	Number of Samples with Detections	Range of Detections, ppm	Mean of Detections, ppm	EPA Tolerance, ppm
Flutriafol	F	6.9	189	13	0.002 - 1.2	0.35	10
Fluxapyroxad	F	8.5	189	16	0.002 - 0.89	0.24	30
Imidacloprid	I	12.2	189	23	0.003 - 0.15	0.029	3.5
Indoxacarb	I	6.1	131	8	0.005 - 0.14	0.049	14
Mandipropamid	F	41.8	189	79	0.003 - 3.5	0.31	25
Methoxyfenozide	I	27	189	51	0.002 - 2.6	0.31	30
Penthiopyrad	F	5.3	189	10	0.007 - 1.1	0.32	30
Permethrin Total	I	48.1	189	91	0.010 - 6.0	1.2	20
Propamocarb	F	5.9	102	6	0.001 - 0.049	0.011	150
Pyraclostrobin	F	19.6	189	37	0.001 - 2.9	0.33	40
Spinetoram	I	7.4	189	14	0.005 - 0.075	0.026	8.0
Spinosad *	I	6.3	189	12	0.002 - 0.28	0.054	8.0
17 Strawberries, Frozen (31 pesticides)							
Acetamiprid *	I	42.2	564	238	0.002 - 0.21	0.018	0.60
Azoxystrobin	F	33.5	564	189	0.002 - 0.098	0.012	10.0
Bifenthrin *	I	42	564	237	0.002 - 0.085	0.018	3.0
Boscalid	F	34.2	564	193	0.003 - 0.30	0.022	4.5
Captan	F	28.9	440	127	0.025 - 5.6	0.22	20.0
Carbendazim (MBC) [6]	F	51.2	564	289	0.001 - 0.21	0.016	7.0
Chlorantraniliprole	I	6.4	564	36	0.010 - 0.059	0.019	1.0
Chlorpyrifos *	I	9.4	564	53	0.005 - 0.043	0.012	0.2
Cyprodinil	F	22.5	564	127	0.005 - 0.66	0.047	5.0
Difenoconazole	F	9.4	564	53	0.010 - 0.082	0.027	2.5
Fenhexamid	F	8.9	564	50	0.014 - 0.23	0.06	3.0
Fenpropathrin	I	14.5	564	82	0.020 - 0.30	0.071	2.0
Fenpyroximate	A	13.3	564	75	0.005 - 0.095	0.014	1.0
Flonicamid	I	32.3	564	182	0.006 - 0.22	0.051	1.5
Fluopyram	F	18.4	564	104	0.005 - 0.24	0.038	2.0
Hexythiazox	I	15.2	564	86	0.002 - 0.042	0.008	6
Imidacloprid	I	16.8	564	95	0.004 - 0.066	0.022	0.50
Malathion	I	26.8	564	151	0.002 - 0.091	0.014	8
Metalaxyl/Mefenoxam [3]	F	36.3	564	205	0.001 - 0.18	0.009	10.0
Methoxyfenozide	I	8.9	564	50	0.004 - 0.073	0.024	2.0
Myclobutanil	F	23.6	564	133	0.003 - 0.17	0.02	0.50
Novaluron *	I	23.4	564	132	0.009 - 0.16	0.033	0.45
Oxydemeton methyl (parent)	I	14	564	79	0.002 - 0.43	0.03	2.0
Oxydemeton methyl sulfone [8]	IM	5	564	28	0.002 - 0.063	0.007	2.0
Pyraclostrobin	F	25	564	141	0.004 - 0.10	0.021	1.2
Pyrimethanil	F	13.5	564	76	0.053 - 1.0	0.18	3.0
Spinetoram	I	6.2	564	35	0.003 - 0.021	0.006	0.90
Spiromesifen	I	8.3	564	47	0.010 - 0.096	0.023	2.0
Tetrahydrophthalimide (THPI) [9]	FM	38.6	533	206	0.010 - 0.79	0.085	20.0
Thiabendazole	F	9.9	564	56	0.002 - 0.024	0.006	5.0
Thiamethoxam *	I	27	564	152	0.003 - 0.087	0.014	0.30
Trifloxystrobin	F	16.3	564	92	0.002 - 0.12	0.014	1.5

Commodity / Pesticide	Pest. Type	% of Samples with Detections	Number of Samples Analyzed	Number of Samples with Detections	Range of Detections, ppm	Mean of Detections, ppm	EPA Tolerance, ppm
18 Sweet Bell Peppers (20 pesticides)							
Acephate (parent) *	I	8.2	354	29	0.056 - 1.5	0.30	4.0
Methamidophos [10] *	I	9.9	354	35	0.012 - 0.26	0.063	1
Acetamiprid *	I	5.4	354	19	0.011 - 0.060	0.027	0.20
Azoxystrobin	F	23.2	354	82	0.002 - 0.15	0.016	3.0
Bifenthrin *	I	8.5	354	30	0.006 - 0.075	0.02	0.5
Boscalid	F	6.2	354	22	0.010 - 0.54	0.067	3.0
Chlorfenapyr	I	8.8	354	31	0.005 - 0.44	0.066	2
Chlorothalonil	F	9.6	354	34	0.005 - 0.51	0.048	6.0
Difenoconazole	F	12.7	354	45	0.005 - 0.18	0.025	0.60
Dinotefuran *	I	6.5	354	23	0.010 - 0.13	0.036	0.7
Flonicamid	I	12.1	354	43	0.011 - 0.30	0.055	3.0
Fluopyram	F	5.4	354	19	0.011 - 0.11	0.038	4.0
Imidacloprid	I	18.1	354	64	0.010 - 0.19	0.036	1.0
Metalaxyl/Mefenoxam [3]	F	17.8	354	63	0.005 - 0.25	0.033	1.0
Methomyl	I	5.1	354	18	0.011 - 0.21	0.055	2
Myclobutanil	F	5.4	354	19	0.005 - 0.12	0.028	4.0
Oxamyl oxime	IM	10.7	354	38	0.010 - 0.23	0.08	2.0
Propamocarb	F	5.6	354	20	0.011 - 0.19	0.052	4
Pyraclostrobin	F	21.8	354	77	0.003 - 0.21	0.023	1.4
Spiromesifen	I	14.1	354	50	0.002 - 0.091	0.014	0.45
Thiamethoxam (parent) *	I	13.6	354	48	0.010 - 0.11	0.031	0.25
Clothianidin [4] *	I	9.6	354	34	0.010 - 0.28	0.031	0.80
19 Sweet Peas, Canned (1 pesticide)							
Azoxystrobin	F	11.3	379	43	0.001 - 0.039	0.01	0.5
20 Sweet Peas, Frozen (2 pesticides)							
Dimethoate	I	11.1	126	14	0.007 - 0.058	0.023	2.0
Pyraclostrobin	F	16.7	126	21	0.001 - 0.013	0.005	0.2
21 Tangerines (7 pesticides)							
Acetamiprid *	I	8.9	180	16	0.002 - 0.025	0.01	1.0
Azoxystrobin	F	8.3	180	15	0.004 - 0.087	0.045	15.0
Fludioxonil	F	29.4	180	53	0.006 - 0.18	0.043	10
Imazalil	F	95	180	171	0.006 - 1.2	0.20	10.0
Imidacloprid	I	5	180	9	0.010 - 0.043	0.021	0.70
Pyrimethanil	F	15.6	180	28	0.007 - 0.18	0.044	10
Thiabendazole	F	65.6	180	118	0.012 - 0.86	0.22	10.0
22 Tomato Paste (11 pesticides)							
Azoxystrobin	F	63	189	119	0.001 - 0.022	0.005	0.6
Bifenthrin *	I	32.3	189	61	0.002 - 0.034	0.009	0.15
Cyhalothrin, Total [1] *	I	11.6	189	22	0.003 - 0.007	0.004	0.1
Difenoconazole	F	60.3	189	114	0.001 - 0.016	0.005	0.60

Commodity / Pesticide	Pest. Type	% of Samples with Detections	Number of Samples Analyzed	Number of Samples with Detections	Range of Detections, ppm	Mean of Detections, ppm	EPA Tolerance, ppm
Fluopyram	F	14.3	189	27	0.001 - 0.009	0.004	1.0
Fluxapyroxad	F	23.3	189	44	0.001 - 0.017	0.006	0.7
Imidacloprid	I	34.4	189	65	0.003 - 0.029	0.008	6.0
Methoxyfenozide	I	15.9	189	30	0.003 - 0.018	0.006	2.0
Penthiopyrad	F	9.5	189	18	0.001 - 0.008	0.003	3.5
Thiamethoxam (parent) *	I	15.9	189	30	0.001 - 0.009	0.003	0.80
Clothianidin [4] *	I	20.1	189	38	0.001 - 0.015	0.006	0.80
Trifloxystrobin	F	12.2	189	23	0.001 - 0.004	0.002	0.5

NOTES

A Excludes environmental contaminants, which are listed in Appendix E.

NT No tolerance established.

* Residue may result from food handling establishment (FHE) application.

^ Only one distinct detected concentration value was reported for the pesticide/commodity pair.

1 Includes cyhalothrin lambda plus R157836 epimer.

2 Metabolite of parent, dimethoate.

3 Metalaxyl/mefenoxam are spatial isomers which are analytically indistinguishable via multiresidue methods, but have separate registrations.

4 Metabolite of parent, thiamethoxam.

5 Isomer of parent, permethrin.

6 Metabolite of benomyl and thiophanate methyl.

7 Includes parent, tralomethrin.

8 Metabolite of parent, oxydemeton methyl.

9 Metabolite of captafol and captan.

10 Metabolite of parent, acephate.

Pesticide Types:

A = Acaricide
F = Fungicide, FM = Fungicide Metabolite
H = Herbicide
I = Insecticide, IM = Insecticide Metabolite
R = Insect Growth Regulator

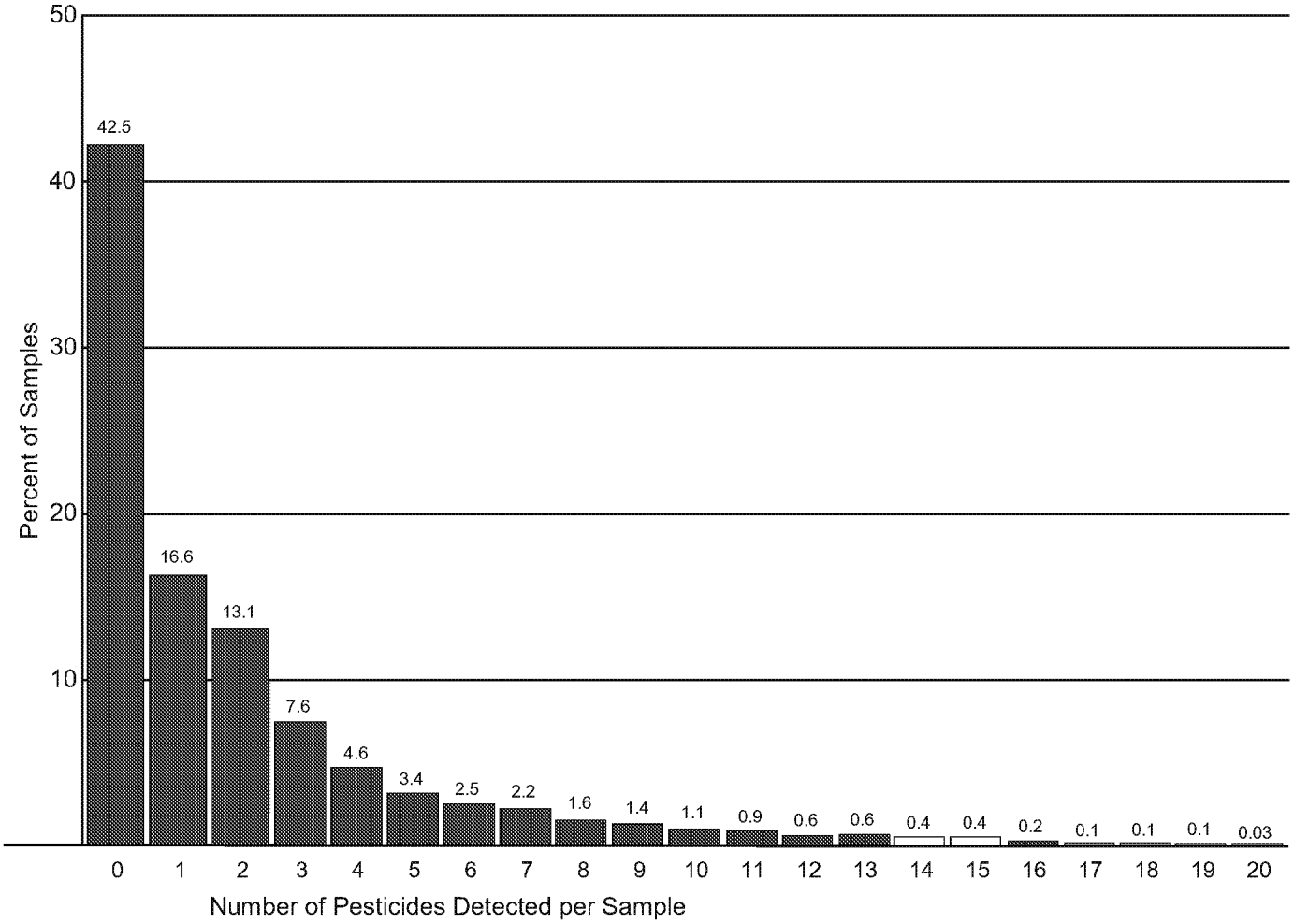
Appendix I

Number of Pesticides Detected per Sample

Appendix I shows the percentage of samples versus the number of pesticides detected per sample. The graph and data on page 1 show the overall number of samples and percentages (of total number of samples analyzed) for each detection group across all commodities. The table on page 2 shows the number of pesticides detected by individual commodity. For the 9,697 samples analyzed, 42.5 percent of the samples had no detectable pesticides, 16.6 percent had 1 pesticide, and 40.9 percent of the samples had more than 1 pesticide.

This appendix reports the number of distinct pesticides rather than residues. A parent compound and its metabolites are reported as a single pesticide.

APPENDIX I. NUMBER OF PESTICIDES [1] DETECTED PER SAMPLE



Number of Pesticides Detected per Sample

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
# of Samples	4,119	1,606	1,274	738	447	331	245	213	157	131	110	89	58	54	39	38	17	13	9	6	3
% of Total Samples	42.5	16.6	13.1	7.6	4.6	3.4	2.5	2.2	1.6	1.4	1.1	0.9	0.6	0.6	0.4	0.4	0.2	0.1	0.1	0.1	0.03

TOTAL NUMBER OF SAMPLES = 9,697

Multiple pesticide detections may result from the application of more than one pesticide, spray drift, crop rotation, and/or cross-contamination.

NOTES

[1] Environmental contaminants, listed in Appendix E, have been excluded from the count of pesticides detected in this appendix. Parent compounds and their metabolites are combined to report the number of "pesticides" rather than the number of "residues."

APPENDIX I. NUMBER OF PESTICIDES DETECTED PER SAMPLE

Commodity (# of samples)	Number of Pesticides [1] Detected per Sample																				
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Fresh Fruit and Vegetables:	Percent																				
Asparagus (298)	94.6	4.0	1.0	0.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Bananas (708)	22.7	27.3	37.4	9.7	2.5	0.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Basil (343)	5.2	9.3	7.3	5.0	5.8	10.5	9.6	11.4	9.3	9.0	6.1	4.4	1.5	1.7	1.5	0.9	0.3	0.3	0.3	0.3	0.3
Cabbage (300)	75.0	17.3	6.0	1.7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Cantaloupe (354)	29.7	28.5	24.3	11.9	3.1	1.7	0.6	0.3	--	--	--	--	--	--	--	--	--	--	--	--	--
Cauliflower (176)	37.5	45.5	11.9	4.0	--	0.6	0.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Cilantro (176)	2.3	4.0	11.9	14.2	13.1	9.1	8.0	11.4	8.5	4.0	5.1	3.4	2.3	1.1	0.6	1.1	--	--	--	--	--
Collard Greens (187)	12.3	16.6	14.4	8.0	6.4	11.2	8.6	7.0	4.3	2.7	1.1	0.5	1.1	1.6	2.1	0.5	1.1	0.5	--	--	--
Hot Peppers (651)	16.3	15.1	16.0	15.5	11.8	9.2	6.0	4.5	2.8	1.8	0.8	0.2	--	--	--	0.2	--	--	--	--	--
Kiwi Fruit (704)	70.7	25.0	3.7	0.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Mustard Greens (595)	14.8	14.3	16.0	9.1	9.1	6.9	4.0	2.7	2.9	2.7	3.4	2.7	2.2	1.5	1.5	2.0	1.3	1.3	0.7	0.7	0.3
Radishes (712)	63.1	18.3	11.5	4.6	1.5	1.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Sweet Bell Peppers (354)	20.3	19.2	14.1	15.0	7.6	7.9	6.2	3.1	2.3	1.4	1.4	0.3	0.8	--	0.3	--	--	--	--	--	--
Tangerines (180)	1.1	11.1	46.1	31.7	8.3	1.7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Processed Fruit and Vegetables:																					
Garbanzo Beans, Dried (686)	76.7	19.1	3.5	0.6	0.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Orange Juice (191)	48.2	20.9	23.6	4.2	2.6	0.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Spinach, Canned (375)	1.6	6.7	25.1	27.5	18.1	9.1	5.3	2.9	1.1	1.6	1.1	--	--	--	--	--	--	--	--	--	--
Spinach, Frozen (189)	10.6	11.1	6.9	14.3	15.9	5.3	9.0	12.7	2.6	3.7	3.2	2.6	1.1	0.5	--	0.5	--	--	--	--	--
Strawberries, Frozen (564)	7.4	8.9	5.9	5.3	6.9	5.9	7.4	7.8	7.8	6.4	6.0	6.6	3.9	5.5	2.7	3.2	1.1	0.5	0.7	0.2	--
Sweet Peas, Canned (379)	85.0	14.8	0.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Sweet Peas, Frozen (126)	69.0	23.8	7.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Tomato Paste (189)	19.6	5.8	24.3	13.2	7.9	13.2	6.9	1.6	2.1	2.6	--	1.6	1.1	--	--	--	--	--	--	--	--
Percent of Total Samples	38.3	17.2	13.9	8.1	5.0	3.8	2.9	2.5	1.8	1.5	1.3	1.0	0.6	0.6	0.4	0.5	0.2	0.2	0.1	0.1	0.04
Actual Number of Samples	3,231	1,449	1,171	680	426	324	243	211	155	130	106	85	53	52	35	38	17	13	9	6	3

TOTAL NUMBER OF FRUIT & VEGETABLE SAMPLES = 8,437

Grain Products:																					
Oats (695)	93.7	5.9	0.3	--	0.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Rice (565)	41.9	20.5	17.9	10.3	3.5	1.2	0.4	0.4	0.4	0.2	0.7	0.7	0.9	0.4	0.7	--	--	--	--	--	--
Actual Number of Samples	888	157	103	58	21	7	2	2	2	1	4	4	5	2	4	--	--	--	--	--	--

NOTES

[1] Environmental contaminants, listed in Appendix E, have been excluded from the count of pesticides detected in this appendix. Parent compounds and their metabolites are combined to report the number of "pesticides" rather than the number of "residues."

Appendix J

Samples Reported to the U.S. Food and Drug Administration as Exceeding the Tolerance or Without Established Tolerance

(per Code of Federal Regulations, Title 40, Part 180)

Appendix J shows pesticide residues reported to the U.S. Food and Drug Administration (FDA) as exceeding the tolerance or residues for which no established tolerance was listed under the Code of Federal Regulations, Title 40, Part 180. In 2019, a total of 827 samples with 1,483 pesticides were reported to the FDA as Presumptive Tolerance Violations.

Pesticides exceeding the tolerance were detected in 125 samples including 93 samples of basil, 1 sample of cilantro, 3 samples of collard greens, 3 samples of dried garbanzo beans, 2 samples of hot peppers, 8 samples of mustard greens, 2 samples of radishes, 5 samples of frozen spinach, and 8 samples of frozen strawberries. Of those 125 samples, 68 were reported as imported produce. One basil sample contained 5 pesticide residues that exceeded the established tolerances, two basil samples contained 4 residues each that exceeded, 13 basil samples contained 3 residues each that exceeded, and 20 basil samples and 1 cilantro sample contained 2 residues each that exceeded the established tolerances.

In addition, 792 samples were found to have pesticides for which no tolerance was established, including 569 fresh fruit and vegetable samples, 119 processed fruit/vegetable samples, 88 rice samples, and 16 oat samples.

- 517 samples contained 1 pesticide for which no tolerance was established.
- 142 samples contained 2 pesticides for which no tolerance was established.
- 67 samples contained 3 pesticides for which no tolerance was established.
- 39 samples contained 4 pesticides for which no tolerance was established.
- 17 samples contained 5 pesticides for which no tolerance was established.
- 7 samples contained 6 pesticides for which no tolerance was established.
- 1 sample contained 7 pesticides for which no tolerance was established.
- 1 sample contained 8 pesticides for which no tolerance was established.
- 1 sample contained 10 pesticides for which no tolerance was established.

Ninety of the 792 samples also contained one or more pesticides that exceeded an established tolerance.

The columns under the Sample Origin heading provide the number of samples that were of domestic, imported, or unknown origin for each pesticide/commodity pair listed.

Appendix J also notes if metabolites (or isomers) were detected as part of the same sample. In instances where both parent and metabolite (or isomer) were detected, the Pesticide Data Program accounted for both as part of the same tolerance expression.

A number of the findings shown in this appendix are less than 0.01 ppm. Levels below 0.01 ppm are deemed by the U.S. FDA to be “not of regulatory significance”.

APPENDIX J. SAMPLES REPORTED TO FDA AS EXCEEDING THE TOLERANCE OR WITHOUT ESTABLISHED TOLERANCE (per Code of Federal Regulations, Title 40, Part 180)

Residues Exceeding Established Tolerance

	Commodity / Pesticide	Limit of Detection, ppm	Concentration Detected, ppm	EPA Tolerance Level, ppm	Country of Origin
1	Basil / Acephate [1]	0.005	6.2	0.02	U.S.
2	Basil / Acephate [2]	0.005	0.11	0.02	U.S.
3	Basil / Acephate [3]	0.005	0.095	0.02	Colombia
4	Basil / Acephate [4]	0.005	0.065	0.02	Colombia
5	Basil / Acephate [5]	0.005	0.054	0.02	Colombia
6	Basil / Acetamiprid [6]	0.003	14	0.01	Colombia
7	Basil / Acetamiprid [7]	0.003	4.4	0.01	Colombia
8	Basil / Acetamiprid [8]	0.003	1.1	0.01	U.S.
9	Basil / Acetamiprid	0.003	0.53	0.01	Colombia
10	Basil / Acetamiprid [9]	0.003	0.38	0.01	Colombia
11	Basil / Acetamiprid [10]	0.003	0.33	0.01	Colombia
12	Basil / Acetamiprid [11]	0.003	0.2	0.01	Colombia
13	Basil / Acetamiprid [12]	0.003	0.15	0.01	Colombia
14	Basil / Acetamiprid [13]	0.003	0.073	0.01	Mexico
15	Basil / Acetamiprid [14]	0.003	0.068	0.01	Colombia
16	Basil / Acetamiprid [15]	0.003	0.067	0.01	Colombia
17	Basil / Acetamiprid [16]	0.003	0.064	0.01	Colombia
18	Basil / Acetamiprid [3]	0.003	0.027	0.01	Colombia
19	Basil / Bifenthrin [17]	0.001	3.2	0.05	Colombia
20	Basil / Bifenthrin [18]	0.001	1.5	0.05	U.S.
21	Basil / Bifenthrin	0.001	1.4	0.05	Mexico
22	Basil / Bifenthrin [19]	0.001	1.3	0.05	Mexico
23	Basil / Bifenthrin	0.001	1.1	0.05	U.S.
24	Basil / Bifenthrin	0.001	0.96	0.05	Mexico
25	Basil / Bifenthrin	0.001	0.94	0.05	Mexico
26	Basil / Bifenthrin [20]	0.001	0.87	0.05	Unknown
27	Basil / Bifenthrin	0.001	0.76	0.05	U.S.
28	Basil / Bifenthrin [21]	0.001	0.6	0.05	U.S.
29	Basil / Bifenthrin	0.001	0.52	0.05	U.S.
30	Basil / Bifenthrin	0.001	0.48	0.05	Mexico
31	Basil / Bifenthrin [10]	0.001	0.39	0.05	Colombia
32	Basil / Bifenthrin	0.001	0.34	0.05	U.S.
33	Basil / Bifenthrin [22]	0.001	0.32	0.05	Mexico

	Commodity / Pesticide	Limit of Detection, ppm	Concentration Detected, ppm	EPA Tolerance Level, ppm	Country of Origin
34	Basil / Bifenthrin	0.001	0.27	0.05	U.S.
35	Basil / Bifenthrin	0.001	0.27	0.05	U.S.
36	Basil / Bifenthrin	0.001	0.25	0.05	Unknown
37	Basil / Bifenthrin	0.001	0.25	0.05	Unknown
38	Basil / Bifenthrin	0.001	0.23	0.05	Mexico
39	Basil / Bifenthrin [8]	0.001	0.18	0.05	U.S.
40	Basil / Bifenthrin	0.001	0.13	0.05	U.S.
41	Basil / Bifenthrin [23]	0.001	0.12	0.05	Unknown
42	Basil / Bifenthrin	0.001	0.1	0.05	Mexico
43	Basil / Bifenthrin [24]	0.001	0.078	0.05	Colombia
44	Basil / Bifenthrin	0.001	0.071	0.05	U.S.
45	Basil / Bifenthrin	0.001	0.063	0.05	Mexico
46	Basil / Bifenthrin	0.001	0.061	0.05	Colombia
47	Basil / Bifenthrin	0.001	0.061	0.05	U.S.
48	Basil / Chlorpyrifos [25]	0.001	0.4	0.1	Colombia
49	Basil / Chlorpyrifos [26]	0.001	0.22	0.1	Mexico
50	Basil / Clothianidin [27]	0.005	0.15	0.02	Colombia
51	Basil / Clothianidin [17]	0.005	0.14	0.02	Colombia
52	Basil / Clothianidin [28]	0.005	0.14	0.02	Colombia
53	Basil / Clothianidin [14]	0.005	0.13	0.02	Colombia
54	Basil / Clothianidin [29]	0.005	0.12	0.02	Colombia
55	Basil / Clothianidin [30]	0.005	0.092	0.02	Colombia
56	Basil / Clothianidin	0.005	0.052	0.02	U.S.
57	Basil / Clothianidin	0.005	0.043	0.02	Mexico
58	Basil / Cyfluthrin	0.008	0.49	0.05	Mexico
59	Basil / Cyfluthrin [8]	0.008	0.36	0.05	U.S.
60	Basil / Cyfluthrin [23]	0.008	0.3	0.05	Unknown
61	Basil / Cyfluthrin	0.008	0.12	0.05	U.S.
62	Basil / Cyfluthrin	0.008	0.1	0.05	U.S.
63	Basil / Cyfluthrin	0.008	0.085	0.05	Mexico
64	Basil / Cyhalothrin, Total [A, 14]	0.003	1.4	0.01	Colombia
65	Basil / Cyhalothrin, Total [A]	0.003	1.1	0.01	Mexico
66	Basil / Cyhalothrin, Total [A, 26]	0.003	0.72	0.01	Mexico
67	Basil / Cyhalothrin, Total [A, 5]	0.003	0.64	0.01	Colombia
68	Basil / Cyhalothrin, Total [A, 17]	0.003	0.56	0.01	Colombia
69	Basil / Cyhalothrin, Total [A, 31]	0.003	0.5	0.01	Colombia
70	Basil / Cyhalothrin, Total [A, 6]	0.003	0.49	0.01	Colombia
71	Basil / Cyhalothrin, Total [A]	0.003	0.41	0.01	Palestine

	Commodity / Pesticide	Limit of Detection, ppm	Concentration Detected, ppm	EPA Tolerance Level, ppm	Country of Origin
72	Basil / Cyhalothrin, Total [A, 29]	0.01	0.37	0.01	Colombia
73	Basil / Cyhalothrin, Total [A, 4]	0.003	0.37	0.01	Colombia
74	Basil / Cyhalothrin, Total [A, 7]	0.003	0.29	0.01	Colombia
75	Basil / Cyhalothrin, Total [A, 32]	0.003	0.13	0.01	U.S.
76	Basil / Cyhalothrin, Total [A, 15]	0.003	0.11	0.01	Colombia
77	Basil / Cyhalothrin, Total [A]	0.003	0.069	0.01	Colombia
78	Basil / Cyhalothrin, Total [A]	0.003	0.066	0.01	Colombia
79	Basil / Cyhalothrin, Total [A, 11]	0.003	0.054	0.01	Colombia
80	Basil / Cyhalothrin, Total [A, 33]	0.003	0.048	0.01	U.S.
81	Basil / Cyhalothrin, Total [A]	0.003	0.038	0.01	Colombia
82	Basil / Cyhalothrin, Total [A, 22]	0.01	0.028	0.01	Mexico
83	Basil / Cyhalothrin, Total [A]	0.003	0.024	0.01	Mexico
84	Basil / Cyhalothrin, Total [A, 34]	0.003	0.023	0.01	Colombia
85	Basil / Cyhalothrin, Total [A, 12]	0.003	0.021	0.01	Colombia
86	Basil / Cypermethrin	0.022	4.1	0.05	U.S.
87	Basil / Cypermethrin	0.022	2.7	0.05	Colombia
88	Basil / Cypermethrin	0.022	2.1	0.05	Mexico
89	Basil / Cypermethrin [18]	0.022	1.7	0.05	U.S.
90	Basil / Cypermethrin	0.022	1.3	0.05	Colombia
91	Basil / Cypermethrin	0.022	1.2	0.05	Colombia
92	Basil / Cypermethrin [29]	0.075	1.2	0.05	Colombia
93	Basil / Cypermethrin [25]	0.022	1.1	0.05	Colombia
94	Basil / Cypermethrin [34]	0.022	1.1	0.05	Colombia
95	Basil / Cypermethrin	0.022	1.1	0.05	Colombia
96	Basil / Cypermethrin	0.022	1.1	0.05	Colombia
97	Basil / Cypermethrin	0.022	1	0.05	U.S.
98	Basil / Cypermethrin [20]	0.022	0.96	0.05	Unknown
99	Basil / Cypermethrin	0.022	0.89	0.05	Mexico
100	Basil / Cypermethrin	0.022	0.86	0.05	Mexico
101	Basil / Cypermethrin [35]	0.022	0.84	0.05	Colombia
102	Basil / Cypermethrin [23]	0.022	0.82	0.05	Unknown
103	Basil / Cypermethrin [31]	0.022	0.75	0.05	Colombia
104	Basil / Cypermethrin [32]	0.022	0.64	0.05	U.S.
105	Basil / Cypermethrin [24]	0.022	0.63	0.05	Colombia
106	Basil / Cypermethrin [15]	0.022	0.61	0.05	Colombia
107	Basil / Cypermethrin [33]	0.022	0.46	0.05	U.S.
108	Basil / Cypermethrin [5]	0.022	0.28	0.05	Colombia
109	Basil / Cypermethrin [36]	0.075	0.23	0.05	U.S.

	Commodity / Pesticide	Limit of Detection, ppm	Concentration Detected, ppm	EPA Tolerance Level, ppm	Country of Origin
110	Basil / Cypermethrin	0.022	0.13	0.05	Colombia
111	Basil / Cypermethrin	0.022	0.13	0.05	U.S.
112	Basil / Cypermethrin	0.022	0.089	0.05	Colombia
113	Basil / Deltamethrin [B]	0.012	0.74	0.05	Mexico
114	Basil / Deltamethrin [B, 19]	0.012	0.35	0.05	Mexico
115	Basil / Deltamethrin [B]	0.012	0.26	0.05	Colombia
116	Basil / Deltamethrin [B, 29]	0.012	0.14	0.05	Colombia
117	Basil / Deltamethrin [B, 4]	0.012	0.13	0.05	Colombia
118	Basil / Deltamethrin [B, 6]	0.012	0.1	0.05	Colombia
119	Basil / Deltamethrin [B]	0.012	0.072	0.05	Mexico
120	Basil / Dinotefuran [1]	0.006	0.77	0.01	U.S.
121	Basil / Dinotefuran [16]	0.006	0.54	0.01	Colombia
122	Basil / Dinotefuran [35]	0.006	0.15	0.01	Colombia
123	Basil / Dinotefuran [2]	0.006	0.088	0.01	U.S.
124	Basil / Dinotefuran [36]	0.006	0.044	0.01	U.S.
125	Basil / Imidacloprid [9]	0.001	105	8.0	Colombia
126	Basil / Imidacloprid	0.001	69	8.0	U.S.
127	Basil / Imidacloprid	0.001	24	8.0	U.S.
128	Basil / Imidacloprid	0.001	21	8.0	Unknown
129	Basil / Imidacloprid [21]	0.001	11	8.0	U.S.
130	Basil / Imidacloprid	0.001	11	8.0	U.S.
131	Basil / Imidacloprid	0.001	8.9	8.0	Colombia
132	Basil / Imidacloprid	0.001	8.7	8.0	Unknown
133	Basil / Imidacloprid	0.001	8.4	8.0	U.S.
134	Basil / Methamidophos [1]	0.001	0.44	0.02	U.S.
135	Basil / Methamidophos [2]	0.001	0.078	0.02	U.S.
136	Basil / Methamidophos	0.001	0.034	0.02	U.S.
137	Basil / Novaluron [11]	0.001	0.37	0.01	Colombia
138	Basil / Novaluron [9]	0.001	0.33	0.01	Colombia
139	Basil / Novaluron [12]	0.001	0.23	0.01	Colombia
140	Basil / Novaluron [13]	0.001	0.22	0.01	Mexico
141	Basil / Novaluron [16]	0.001	0.088	0.01	Colombia
142	Basil / Novaluron	0.001	0.055	0.01	Mexico
143	Basil / Thiamethoxam [17]	0.002	0.21	0.02	Colombia
144	Basil / Thiamethoxam [27]	0.002	0.14	0.02	Colombia
145	Basil / Thiamethoxam [14]	0.002	0.086	0.02	Colombia
146	Basil / Thiamethoxam [28]	0.002	0.067	0.02	Colombia
147	Basil / Thiamethoxam [30]	0.002	0.055	0.02	Colombia

	Commodity / Pesticide	Limit of Detection, ppm	Concentration Detected, ppm	EPA Tolerance Level, ppm	Country of Origin
148	Basil / Thiamethoxam [32]	0.002	0.045	0.02	U.S.
149	Basil / Thiamethoxam [29]	0.002	0.044	0.02	Colombia
150	Cilantro / Acephate [37]	0.005	0.81	0.02	U.S.
151	Cilantro / Methamidophos [37]	0.001	0.14	0.02	U.S.
152	Collard Greens / Cyhalothrin, Total [A]	0.005	0.55	0.01	U.S.
153	Collard Greens / Cyhalothrin, Total [A]	0.005	0.22	0.01	U.S.
154	Collard Greens / Tebuconazole	0.01	6.5	2.5	U.S.
155	Garbanzo Beans, Dried / Deltamethrin [B]	0.012	0.14	0.05	U.S.
156	Garbanzo Beans, Dried / Deltamethrin [B]	0.012	0.075	0.05	U.S.
157	Garbanzo Beans, Dried / Deltamethrin [B]	0.012	0.068	0.05	U.S.
158	Hot Peppers / Acetamiprid	0.015	0.43	0.20	U.S.
159	Hot Peppers / Acetamiprid	0.015	0.28	0.20	U.S.
160	Mustard Greens / Acephate	0.005	0.78	0.02	U.S.
161	Mustard Greens / Cyhalothrin, Total [A]	0.003	0.36	0.01	U.S.
162	Mustard Greens / Cyhalothrin, Total [A]	0.003	0.17	0.01	U.S.
163	Mustard Greens / Cyhalothrin, Total [A]	0.003	0.031	0.01	U.S.
164	Mustard Greens / Tebuconazole	0.001	4.4	2.5	U.S.
165	Mustard Greens / Tebuconazole	0.015	3	2.5	U.S.
166	Mustard Greens / Tebuconazole	0.001	2.9	2.5	U.S.
167	Mustard Greens / Tebuconazole	0.001	2.8	2.5	U.S.
168	Radishes / Cyhalothrin, Total [A]	0.008	0.033	0.01	U.S.
169	Radishes / Thiamethoxam	0.01	0.082	0.05	Mexico
170	Spinach, Frozen / Cyhalothrin, Total [A]	0.003	0.32	0.01	U.S.
171	Spinach, Frozen / Cyhalothrin, Total [A]	0.003	0.29	0.01	U.S.
172	Spinach, Frozen / Cyhalothrin, Total [A]	0.003	0.24	0.01	U.S.
173	Spinach, Frozen / Cyhalothrin, Total [A]	0.003	0.09	0.01	U.S.
174	Spinach, Frozen / Cyhalothrin, Total [A]	0.003	0.062	0.01	U.S.
175	Strawberries, Frozen / Chlorfenapyr	0.015	0.037	0.01	Peru
176	Strawberries, Frozen / Chlorfenapyr	0.015	0.033	0.01	Peru
177	Strawberries, Frozen / Chlorfenapyr	0.015	0.022	0.01	Peru
178	Strawberries, Frozen / Chlorfenapyr	0.015	0.02	0.01	Mexico
179	Strawberries, Frozen / Methamidophos	0.005	0.12	0.02	Peru
180	Strawberries, Frozen / Methamidophos	0.005	0.035	0.02	Peru
181	Strawberries, Frozen / Methamidophos	0.005	0.032	0.02	Peru
182	Strawberries, Frozen / Methamidophos	0.005	0.032	0.02	Mexico

Distribution of Residues with No Tolerance Listed in 40 CFR, Part 180, by Commodity/Pesticide

Commodity / Pesticide	Number of Samples	Samples Reported	% of Samples	Range of Values Detected, ppm	Range of LODs, ppm	Sample Origin U.S.	Import	Unk.
1 Asparagus (3 pesticides)								
DCPA	298	2	0.7	0.002 ^	0.002 ^	2	0	0
Tetrahydrophthalimide (THPI) [C]	269	1	0.4	0.031 ^	0.010 ^	1	0	0
Thiabendazole	298	1	0.3	0.003 ^	0.002 ^	1	0	0
2 Basil (51 pesticides)								
Ametoctradin	343	101	29.4	0.002 - 11	0.001 ^	61	33	7
Atrazine	343	12	3.5	0.004 - 0.016	0.003 ^	3	9	0
Buprofezin	343	6	1.7	0.004 - 0.19	0.003 ^	1	5	0
Carbaryl	323	3	0.9	0.007 - 0.077	0.003 ^	0	3	0
Carbendazim (MBC) [D]	343	11	3.2	0.002 - 0.62	0.001 ^	3	7	1
Carbofuran	343	7	2	0.006 - 0.026	0.003 ^	2	4	1
Chlorpropham	343	10	2.9	0.002 - 0.008	0.001 ^	5	4	1
Cyantraniliprole	322	6	1.9	0.011 - 0.17	0.008 - 0.015	3	3	0
Cymoxanil	343	1	0.3	0.005 ^	0.003 ^	0	1	0
Diazinon	343	2	0.6	0.006 - 0.010	0.001 ^	0	2	0
Difenoconazole	343	12	3.5	0.002 - 2.0	0.001 ^	2	10	0
Diflubenzuron	343	4	1.2	0.002 - 1.6	0.001 - 0.003	2	2	0
Dimethoate (parent) [38]	343	57	16.6	0.002 - 3.6	0.001 ^	45	3	9
Omethoate	343	40	11.7	0.004 - 1.0	0.002 ^	34	2	4
Dimethomorph	343	107	31.2	0.002 - 13	0.001 - 0.003	50	50	7
Emamectin benzoate	267	15	5.6	0.002 - 0.090	0.001 - 0.006	2	12	1
Etoxazole	343	1	0.3	0.005 ^	0.001 ^	1	0	0
Famoxadone	325	2	0.6	0.023 - 1.1	0.002 - 0.008	2	0	0
Fenpyroximate	343	1	0.3	0.27 ^	0.003 ^	1	0	0
Fipronil	343	9	2.6	0.002 - 3.3	0.001 ^	1	8	0
Flonicamid	343	9	2.6	0.006 - 3.8	0.003 ^	6	3	0
Flubendiamide	343	10	2.9	0.002 - 3.3	0.001 - 0.003	3	6	1
Fluoxastrobin	343	1	0.3	0.005 ^	0.001 - 0.003	0	1	0
Flupyradifurone	343	37	10.8	0.002 - 7.8	0.001 ^	33	2	2
Flutriafol	343	7	2	0.004 - 0.053	0.003 ^	2	5	0
Fluxapyroxad	343	12	3.5	0.004 - 0.16	0.003 ^	9	1	2
Iprodione	343	8	2.3	0.015 - 4.1	0.009 ^	3	5	0
Linuron	343	2	0.6	0.006 - 0.010	0.005 ^	2	0	0
Malathion	343	7	2	0.003 - 0.22	0.001 - 0.003	1	5	1
Methomyl	343	12	3.5	0.004 - 2.5	0.002 ^	0	12	0
Metribuzin	343	1	0.3	0.003 ^	0.002 ^	1	0	0
Myclobutanil	343	3	0.9	0.003 - 2.3	0.002 - 0.006	0	3	0
Oxadixyl	343	1	0.3	0.005 ^	0.003 ^	0	1	0
Oxamyl	343	1	0.3	0.21 ^	0.002 ^	1	0	0
Oxyfluorfen	343	2	0.6	0.002 ^	0.001 ^	2	0	0
Pendimethalin	343	11	3.2	0.002 - 0.004	0.001 ^	2	8	1
Penthiopyrad	343	4	1.2	0.002 - 0.035	0.001 ^	2	1	1
Permethrin (parent) [39]								
Permethrin cis	306	6	2	0.002 - 0.39	0.001 - 0.003	2	3	1
Permethrin trans	343	5	1.5	0.002 - 0.75	0.001 ^	1	3	1

Commodity / Pesticide	Number of Samples	Samples Reported	% of Samples	Range of Values Detected, ppm	Range of LODs, ppm	Sample Origin U.S.	Import	Unk.
Pirimicarb	343	1	0.3	0.017 ^	0.001 ^	0	1	0
Profenofos	343	3	0.9	0.013 - 6.5	0.003 ^	0	3	0
Prometon	343	2	0.6	0.002 ^	0.001 ^	2	0	0
Prometryn	343	4	1.2	0.002 ^	0.001 ^	4	0	0
Propiconazole	343	2	0.6	0.034 - 0.037	0.005 ^	2	0	0
Pyrimethanil	343	6	1.7	0.007 - 0.089	0.001 ^	2	4	0
Spiromesifen Total [E]	288	2	0.7	0.031 - 0.31	0.008 ^	0	2	0
Sulfoxaflor	343	6	1.7	0.010 - 5.8	0.004 ^	2	4	0
Tebuconazole	343	9	2.6	0.004 - 0.036	0.003 ^	2	7	0
Tebufenozide	343	6	1.7	0.005 - 0.012	0.005 ^	4	1	1
Tetrahydrophthalimide (THPI) [C]	343	4	1.2	0.006 - 0.87	0.004 - 0.012	1	2	1
Thiabendazole	343	4	1.2	0.002 - 0.081	0.001 ^	0	4	0
Thiacloprid	343	2	0.6	0.002 - 0.021	0.001 ^	0	0	2
Trifluralin	343	1	0.3	0.005 ^	0.001 ^	0	1	0
3 Cabbage (2 pesticides)								
Dicloran	300	1	0.3	0.011 ^	0.005 ^	1	0	0
Tebuconazole	300	1	0.3	0.009 ^	0.005 ^	1	0	0
4 Cilantro (26 pesticides)								
Ametoctradin	176	18	10.2	0.002 - 0.26	0.001 ^	17	1	0
Atrazine	176	6	3.4	0.004 - 0.026	0.003 ^	6	0	0
Buprofezin	176	1	0.6	0.004 ^	0.003 ^	1	0	0
Carbendazim (MBC) [D]	176	5	2.8	0.002 - 0.18	0.001 ^	2	3	0
Carbofuran	176	1	0.6	0.004 ^	0.003 ^	0	1	0
Chlorpropham	176	9	5.1	0.002 ^	0.001 ^	7	2	0
Diazinon	176	10	5.7	0.002 - 0.010	0.001 ^	8	2	0
Dicloran	176	2	1.1	0.004 - 0.010	0.002 ^	2	0	0
Difenoconazole	176	1	0.6	0.12 ^	0.001 ^	1	0	0
Diflubenzuron	176	2	1.1	0.002 - 0.098	0.001 - 0.003	1	1	0
Dimethoate (parent) [38]	176	1	0.6	0.68 ^	0.001 ^	0	1	0
Omethoate	176	1	0.6	0.14 ^	0.002 ^	0	1	0
Emamectin benzoate	137	1	0.7	0.018 ^	0.001 - 0.003	0	1	0
EPTC	176	7	4	0.002 - 0.032	0.001 ^	2	5	0
Metribuzin	176	3	1.7	0.003 - 0.006	0.002 ^	1	2	0
Norflurazon (parent) [40]	176	1	0.6	0.004 ^	0.001 ^	1	0	0
Norflurazon desmethyl	176	1	0.6	0.036 ^	0.003 ^	1	0	0
Oxyfluorfen	176	5	2.8	0.002 - 0.011	0.001 ^	4	1	0
Pendimethalin	176	60	34.1	0.002 - 0.021	0.001 ^	40	20	0
Permethrin (parent) [39]								
Permethrin cis	176	26	14.8	0.002 - 1.3	0.001 ^	24	2	0
Permethrin trans	176	20	11.4	0.002 - 1.1	0.001 ^	18	2	0
Pronamide	176	14	8	0.002 - 0.009	0.001 ^	13	1	0
Pyrimethanil	176	2	1.1	0.002 - 0.018	0.001 ^	1	1	0
Quinoxyfen	176	2	1.1	0.002 - 0.055	0.001 ^	2	0	0
Quintozene (PCNB) (parent) [41]	176	2	1.1	0.005 - 0.041	0.001 ^	1	1	0
Pentachloroaniline (PCA)	176	8	4.5	0.002 - 0.016	0.001 ^	5	3	0
Tebuconazole	176	4	2.3	0.005 - 0.36	0.003 ^	1	3	0
Tecnazene	176	1	0.6	0.002 ^	0.001 ^	1	0	0

Commodity / Pesticide	Number of Samples	Samples Reported	% of Samples	Range of Values Detected, ppm	Range of LODs, ppm	Sample Origin U.S.	Import	Unk.
Tetrahydrophthalimide (THPI) [C]	176	1	0.6	0.006 ^	0.004 - 0.012	1	0	0
Trifluralin	176	12	6.8	0.002 - 0.005	0.001 ^	10	2	0
5 Collard Greens (5 pesticides)								
Atrazine	187	1	0.5	0.002 ^	0.002 ^	1	0	0
Chlorothalonil	187	7	3.7	0.020 - 1.8	0.020 ^	7	0	0
Linuron	187	1	0.5	0.020 ^	0.008 ^	1	0	0
Metribuzin	187	1	0.5	0.006 ^	0.005 ^	1	0	0
Propamocarb hydrochloride	187	2	1.1	0.011 - 0.13	0.002 ^	2	0	0
6 Garbanzo Beans, Dried (5 pesticides)								
Ametoctradin	686	3	0.4	0.005 - 0.007	0.001 - 0.003	3	0	0
Chlorpropham	645	1	0.2	0.002 ^	0.001 ^	1	0	0
Diflubenzuron	686	1	0.1	0.011 ^	0.001 - 0.003	1	0	0
Dimethomorph	686	1	0.1	0.002 ^	0.001 ^	1	0	0
Trifloxystrobin	686	7	1	0.002 ^	0.001 ^	7	0	0
7 Hot Peppers (5 pesticides)								
Carbendazim (MBC) [D]	651	11	1.7	0.013 - 0.068	0.008 ^	4	7	0
Carbofuran (parent) [42]	651	4	0.6	0.005 - 0.077	0.003 ^	2	1	1
3-Hydroxycarbofuran	651	1	0.2	0.013 ^	0.008 ^	0	1	0
Permethrin (parent) [39]								
Permethrin cis	651	7	1.1	0.017 - 0.10	0.010 ^	4	2	1
Permethrin trans	651	7	1.1	0.017 - 0.15	0.010 ^	4	2	1
Propetamphos	651	1	0.2	0.052 ^	0.010 ^	1	0	0
Thiophanate methyl	651	2	0.3	0.10 - 0.37	0.060 ^	1	1	0
8 Kiwi Fruit (10 pesticides)								
Boscalid	704	3	0.4	0.045 - 0.27	0.015 ^	2	1	0
Buprofezin	704	6	0.9	0.001 - 0.002	0.001 ^	6	0	0
Carbendazim (MBC) [D]	704	1	0.1	0.012 ^	0.010 ^	0	1	0
Chlorantraniliprole	704	1	0.1	0.036 ^	0.010 ^	1	0	0
Chlorpropham	704	2	0.3	0.054 - 0.21	0.020 ^	0	2	0
Methoxyfenozide	704	1	0.1	0.077 ^	0.010 ^	1	0	0
Myclobutanil	704	6	0.9	0.001 - 0.021	0.001 ^	3	3	0
Pyrimethanil	704	2	0.3	0.006 - 0.008	0.005 ^	0	2	0
Spirodiclofen	704	5	0.7	0.011 - 0.033	0.010 ^	0	5	0
Thiabendazole	704	5	0.7	0.006 - 0.014	0.005 ^	0	5	0
9 Mustard Greens (15 pesticides)								
Atrazine	595	30	5	0.001 - 0.006	0.001 ^	30	0	0
Chlorpropham	595	18	3	0.002 - 0.031	0.001 - 0.020	18	0	0
Dicloran	595	2	0.3	0.004 - 0.018	0.002 - 0.020	2	0	0
Ethalfluralin	595	1	0.2	0.004 ^	0.002 - 0.010	1	0	0
Etoxazole	595	1	0.2	0.002 ^	0.001 - 0.20	1	0	0
Famoxadone	595	1	0.2	2.7 ^	0.002 - 0.050	1	0	0
Fenpyroximate	595	1	0.2	0.002 ^	0.001 - 0.005	1	0	0
Imazalil	595	2	0.3	0.004 ^	0.001 - 0.005	2	0	0
Linuron	595	37	6.2	0.003 - 0.10	0.002 - 0.010	37	0	0

Commodity / Pesticide	Number of Samples	Samples Reported	% of Samples	Range of Values Detected, ppm	Range of LODs, ppm	Sample Origin U.S.	Import	Unk.
Norflurazon desmethyl	595	1	0.2	0.005 ^	0.001 - 0.010	1	0	0
Oxyfluorfen	595	12	2	0.002 ^	0.001 - 0.040	12	0	0
Permethrin (parent) [39]								
Permethrin cis	595	20	3.4	0.002 - 0.30	0.001 - 0.020	19	1	0
Permethrin trans	595	14	2.4	0.002 - 0.19	0.001 - 0.010	13	1	0
Prometryn	595	9	1.5	0.002 - 0.016	0.001 - 0.010	9	0	0
Pronamide	595	1	0.2	0.002 ^	0.001 - 0.015	1	0	0
Simazine	595	2	0.3	0.002 ^	0.001 - 0.010	2	0	0
10 Oats (4 pesticides)								
Chlorpropham	695	6	0.9	0.001 - 0.006	0.001 ^	6	0	0
Diphenylamine (DPA)	695	8	1.2	0.001 - 0.003	0.001 ^	8	0	0
Molinate	695	1	0.1	0.001 ^	0.001 ^	1	0	0
Pirimiphos methyl	695	2	0.3	0.001 - 0.005	0.001 ^	2	0	0
11 Orange Juice (1 pesticide)								
Diphenylamine (DPA)	191	1	0.5	0.002 ^	0.001 ^	0	1	0
12 Radishes (8 pesticides)								
Chlorpropham	712	2	0.3	0.006 - 0.013	0.005 ^	1	1	0
Difenoconazole	712	1	0.1	0.014 ^	0.005 ^	1	0	0
Dimethomorph	712	2	0.3	0.011 - 0.026	0.010 ^	0	2	0
Endosulfan sulfate	712	1	0.1	0.006 ^	0.005 ^	1	0	0
Indoxacarb	712	1	0.1	0.020 ^	0.010 ^	0	1	0
Permethrin Total	712	1	0.1	0.013 ^	0.005 ^	0	1	0
Propamocarb	712	1	0.1	0.052 ^	0.010 ^	0	1	0
Tebuconazole	712	1	0.1	0.009 ^	0.005 ^	0	1	0
13 Rice (22 pesticides)								
Carbendazim (MBC) [D]	565	17	3	0.001 - 0.089	0.001 ^	4	13	0
Chlorpropham	565	12	2.1	0.001 - 0.010	0.001 ^	12	0	0
Cyproconazole	565	3	0.5	0.007 - 0.017	0.003 ^	0	2	1
Diphenylamine (DPA)	565	11	1.9	0.001 - 0.007	0.001 ^	7	4	0
Ethion	565	1	0.2	0.003 ^	0.001 ^	0	1	0
Fenobucarb (BPMC)	565	2	0.4	0.005 - 0.009	0.003 ^	1	1	0
Fluopyram	565	1	0.2	0.001 ^	0.001 ^	0	1	0
Flupyradifurone	565	1	0.2	0.001 ^	0.001 ^	0	1	0
Hexaconazole	565	4	0.7	0.005 - 0.010	0.005 ^	1	3	0
Isoprothiolane	565	42	7.4	0.001 - 0.23	0.001 ^	7	35	0
Methoxychlor p,p'	565	1	0.2	0.003 ^	0.001 ^	1	0	0
Oxyfluorfen	565	1	0.2	0.006 ^	0.001 ^	1	0	0
Phorate sulfoxide	565	4	0.7	0.002 - 0.003	0.001 ^	0	4	0
Pirimiphos methyl	565	3	0.5	0.001 - 0.007	0.001 ^	2	0	1
Profenofos	565	8	1.4	0.001 - 0.014	0.001 ^	1	7	0
Pymetrozine	565	1	0.2	0.002 ^	0.001 ^	0	1	0
Quinalphos	565	1	0.2	0.001 ^	0.001 ^	0	1	0
Tebuconazole	565	41	7.3	0.003 - 0.040	0.003 ^	7	33	1
Tetraconazole	565	3	0.5	0.001 - 0.002	0.001 ^	2	1	0
Thiabendazole	565	1	0.2	0.002 ^	0.001 ^	1	0	0

Commodity / Pesticide	Number of Samples	Samples Reported	% of Samples	Range of Values Detected, ppm	Range of LODs, ppm	Sample Origin U.S.	Import	Unk.
Thiacloprid	565	1	0.2	0.001 ^	0.001 ^	0	1	0
Triazophos	565	15	2.7	0.001 - 0.048	0.001 ^	2	13	0
14 Spinach, Canned (5 pesticides)								
Difenoconazole	375	14	3.7	0.002 - 0.033	0.001 - 0.002	14	0	0
Metribuzin	375	1	0.3	0.007 ^	0.005 ^	1	0	0
Oxyfluorfen	204	9	4.4	0.001 - 0.008	0.001 ^	9	0	0
Pendimethalin	375	15	4	0.003 - 0.013	0.003 - 0.005	15	0	0
Pentachloroaniline (PCA)	375	17	4.5	0.001 - 0.013	0.001 - 0.005	17	0	0
15 Spinach, Frozen (12 pesticides)								
Asulam	102	1	1	0.006 ^	0.001 ^	1	0	0
DCPA	189	5	2.6	0.001 - 0.002	0.001 - 0.005	5	0	0
Difenoconazole	189	5	2.6	0.007 - 0.071	0.001 - 0.002	4	1	0
Linuron	189	3	1.6	0.008 - 0.019	0.003 - 0.010	2	1	0
Omethoate	189	1	0.5	0.016 ^	0.001 - 0.015	1	0	0
Pendimethalin	189	5	2.6	0.003 - 0.008	0.003 - 0.005	4	1	0
Phorate sulfoxide	189	1	0.5	0.001 ^	0.001 - 0.002	0	1	0
Propiconazole	189	1	0.5	0.002 ^	0.001 - 0.005	1	0	0
Quinoxyfen	189	5	2.6	0.001 - 0.024	0.001 ^	5	0	0
Quintozene (PCNB) (parent) [41]	189	5	2.6	0.001 - 0.003	0.001 - 0.005	5	0	0
Pentachloroaniline (PCA)	189	3	1.6	0.002 - 0.005	0.001 - 0.005	3	0	0
Pentachlorophenyl m-sulfide (PCPMS)	189	1	0.5	0.004 ^	0.003 - 0.015	1	0	0
Terbuthylazine	102	1	1	0.011 ^	0.001 ^	0	1	0
Tri Allate	189	2	1.1	0.003 ^	0.001 - 0.005	0	2	0
16 Strawberries, Frozen (10 pesticides)								
Carbofuran	564	1	0.2	0.003 ^	0.002 ^	0	1	0
Chlorothalonil	564	1	0.2	0.028 ^	0.020 ^	0	1	0
Diflubenzuron	564	1	0.2	0.008 ^	0.002 ^	0	1	0
Dimethoate	564	6	1.1	0.007 - 0.043	0.005 ^	0	6	0
Diuron	564	1	0.2	0.005 ^	0.002 ^	0	1	0
Fluopicolide	564	4	0.7	0.007 - 0.027	0.005 ^	4	0	0
Pirimiphos methyl	564	1	0.2	0.003 ^	0.001 ^	0	1	0
Propamocarb hydrochloride	564	6	1.1	0.003 - 0.033	0.002 ^	0	6	0
Tebuconazole	564	3	0.5	0.011 - 0.053	0.010 ^	2	1	0
Triforine	564	1	0.2	0.098 ^	0.010 ^	0	1	0
17 Sweet Bell Peppers (4 pesticides)								
Chlorpropham	354	1	0.3	0.014 ^	0.005 ^	0	1	0
Ethoprop	354	2	0.6	0.013 ^	0.010 ^	2	0	0
Norflurazon desmethyl	354	1	0.3	0.011 ^	0.010 ^	1	0	0
Pirimicarb	354	1	0.3	0.008 ^	0.005 ^	0	1	0
18 Sweet Peas, Frozen (1 pesticide)								
Difenoconazole	126	2	1.6	0.003 - 0.004	0.002 ^	1	1	0
19 Tangerines (1 pesticide)								
Myclobutanil	180	1	0.6	0.013 ^	0.010 ^	0	1	0

Commodity / Pesticide	Number of Samples	Samples Reported	% of Samples	Range of Values Detected, ppm	Range of LODs, ppm	Sample Origin U.S.	Import	Unk.
20 Tomato Paste (1 pesticide)								
Carbendazim (MBC) [D]	189	1	0.5	0.002 ^	0.001 - 0.050	0	1	0

NOTES

A Includes cyhalothrin lambda plus its R157836 epimer.
B Deltamethrin includes the parent tralomethrin.
C Tetrahydrophthalimide (THPI) is a metabolite of captafol and captan.
D Carbendazim (MBC) is a metabolite of benomyl and thiophanate methyl.
E Includes spiromesifen plus its enol metabolite.
1 Basil sample had 3 tolerance exceeders: acephate, dinotefuron and methamidophos
2 Basil sample had 3 tolerance exceeders: acephate, dinotefuron and methamidophos
3 Basil sample had 2 tolerance exceeders: acephate and acetamiprid
4 Basil sample had 3 tolerance exceeders: acephate, cyhalothrin and deltamethrin
5 Basil sample had 3 tolerance exceeders: acephate, cyhalothrin and cypermethrin
6 Basil sample had 3 tolerance exceeders: acetamiprid, cyhalothrin and deltamethrin
7 Basil sample had 2 tolerance exceeders: acetamiprid and cyhalothrin
8 Basil sample had 3 tolerance exceeders: acetamiprid, bifenthrin and cyfluthrin
9 Basil sample had 3 tolerance exceeders: acetamiprid, imidacloprid and novaluron
10 Basil sample had 2 tolerance exceeders: acetamiprid and bifenthrin
11 Basil sample had 3 tolerance exceeders: acetamiprid, cyhalothrin and novaluron
12 Basil sample had 3 tolerance exceeders: acetamiprid, cyhalothrin and novaluron
13 Basil sample had 2 tolerance exceeders: acetamiprid and novaluron
14 Basil sample had 4 tolerance exceeders: acetamiprid, cyhalothrin, and thiamethoxam and its clothianidin metabolite
15 Basil sample had 3 tolerance exceeders: acetamiprid, cyhalothrin and cypermethrin
16 Basil sample had 3 tolerance exceeders: acetamiprid, dinotefuron and novaluron
17 Basil sample had 4 tolerance exceeders: bifenthrin, cyhalothrin, and thiamethoxam and its clothianidin metabolite
18 Basil sample had 2 tolerance exceeders: bifenthrin and cypermethrin
19 Basil sample had 2 tolerance exceeders: bifenthrin and deltamethrin
20 Basil sample had 2 tolerance exceeders: bifenthrin and cypermethrin
21 Basil sample had 2 tolerance exceeders: bifenthrin and imidacloprid
22 Basil sample had 2 tolerance exceeders: bifenthrin and cyhalothrin
23 Basil sample had 3 tolerance exceeders: bifenthrin, cyfluthrin and cypermethrin
24 Basil sample had 2 tolerance exceeders: bifenthrin and cypermethrin
25 Basil sample had 2 tolerance exceeders: chlorpyrifos and cypermethrin
26 Basil sample had 2 tolerance exceeders: chlorpyrifos and cyhalothrin
27 Basil sample had 2 tolerance exceeders: thiamethoxam and its clothianidin metabolite
28 Basil sample had 2 tolerance exceeders: thiamethoxam and its clothianidin metabolite
29 Basil sample had 5 tolerance exceeders: cyhalothrin, cypermethrin, deltamethrin, and thiamethoxam and its clothianidin metabolite
30 Basil sample had 2 tolerance exceeders: thiamethoxam and its clothianidin metabolite
31 Basil sample had 2 tolerance exceeders: cyhalothrin and cypermethrin
32 Basil sample had 3 tolerance exceeders: cyhalothrin, cypermethrin and thiamethoxam
33 Basil sample had 2 tolerance exceeders: cyhalothrin and cypermethrin
34 Basil sample had 2 tolerance exceeders: cyhalothrin and cypermethrin
35 Basil sample had 2 tolerance exceeders: cypermethrin and dinotefuron
36 Basil sample had 2 tolerance exceeders: cypermethrin and dinotefuron
37 Cilantro sample had 2 tolerance exceeders: acephate and its methamidophos metabolite
38 Forty-one basil samples and one cilantro sample contained both dimethoate and its omethoate metabolite.
39 Four basil, 20 cilantro, 7 hot pepper, and 14 mustard green samples contained both the cis and trans permethrin isomers.
40 One cilantro sample contained both norflurazon and its desmethyl metabolite.
41 Two cilantro samples contained both quintozene and its PCA metabolite and 1 frozen spinach sample contained quintozene, PCA and PCPMS.
42 One hot pepper sample contained both carbofuran and its 3-hydroxycarbofuran metabolite.
^ Only one distinct detected concentration or LOD value was reported for the pesticide/commodity pair.

Note:

For those pesticide/commodity pairs where the minimum detected value is less than the limit of quantitation (three times the limit of detection), the reported values are estimates. In a few cases, this may apply to the maximum detected value.

PESTICIDE DATA PROGRAM

Annual Summary, Calendar Year 2019

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