AI	Attribute	Value
Acephate	1995	1250000
Acephate	1996	162000
Acephate	1997	898000
Acephate	1998	104000
Acephate	1999	328000
Acephate	2000	103000
Acephate	2001	985000
Acephate	2002	72000
Acephate	2003	1329000
Acephate	2004	152000
Acephate	2005	886000
Acephate	2006	137000
Acephate	2007	147000
Acephate	2008	162000
Acephate	2009	88000
Acephate	2010	189000
Acephate	2011	212000
Acephate	2012	625000
Acephate	2013	98000
Acephate	2014	96000
Acephate	2015	568000
Acephate	2016	116000
Acephate	2017	805000
Azinphos-methyl (AZM)	1995	163000
Azinphos-methyl (AZM)	1996	47000
Azinphos-methyl (AZM)	1997	145000
Azinphos-methyl (AZM)	1998	38000
Azinphos-methyl (AZM)	1999	87000
Azinphos-methyl (AZM)	2000	39000
Azinphos-methyl (AZM)	2001	68000
Azinphos-methyl (AZM)	2002	29000
Azinphos-methyl (AZM)	2003	82000
Azinphos-methyl (AZM)	2004	49000
Azinphos-methyl (AZM)	2005	59000
Azinphos-methyl (AZM)	2006	29000
Azinphos-methyl (AZM)	2007	68000
Azinphos-methyl (AZM)	2008	52000
Azinphos-methyl (AZM)	2009	51000
Azinphos-methyl (AZM)	2010	48000
Azinphos-methyl (AZM)	2011	45000
Azinphos-methyl (AZM)	2012	13000
Azinphos-methyl (AZM)	2013	7000
Azinphos-methyl (AZM)	2014	4000
Bensulide	1998	45000
Bensulide	1999	56000
Bensulide	2000	60000

Bensulide	2001	48000
Bensulide	2002	47000
Bensulide	2003	62000
Bensulide	2004	73000
Bensulide	2005	62000
Bensulide	2006	74000
Bensulide	2007	63000
Bensulide	2008	61000
Bensulide	2009	39000
Bensulide	2010	36000
Bensulide	2011	45000
Bensulide	2012	47000
Bensulide	2013	33000
Bensulide	2014	51000
Bensulide	2015	50000
Bensulide	2016	57000
Bensulide	2017	55000
Chlorethoxyphos	1997	186000
Chlorethoxyphos	1998	109000
Chlorethoxyphos	1999	95000
Chlorethoxyphos	2000	42000
Chlorethoxyphos	2001	11000
Chlorethoxyphos	2002	20000
Chlorethoxyphos	2003	51000
Chlorethoxyphos	2004	8000
Chlorethoxyphos	2005	16000
Chlorethoxyphos	2006	14000
Chlorethoxyphos	2007	4000
Chlorethoxyphos	2008	10000
Chlorethoxyphos	2009	18000
Chlorethoxyphos	2010	8000
Chlorethoxyphos	2011	6000
Chlorethoxyphos	2012	12000
Chlorethoxyphos	2013	10000
Chlorethoxyphos	2014	28000
Chlorethoxyphos	2015	10000
Chlorethoxyphos	2016	7000
Chlorethoxyphos	2017	19000
Chlorpyrifos	1995	635000
Chlorpyrifos	1996	547000
Chlorpyrifos	1997	691000
Chlorpyrifos	1998	318000
Chlorpyrifos	1999	307000
Chlorpyrifos	2000	323000
Chlorpyrifos	2001	289000
Chlorpyrifos	2002	224000
Chlorpyrifos	2003	296000

Chlorpyrifos	2004	188000
Chlorpyrifos	2005	294000
Chlorpyrifos	2006	129000
Chlorpyrifos	2007	175000
Chlorpyrifos	2008	232000
Chlorpyrifos	2009	104000
Chlorpyrifos	2010	102000
Chlorpyrifos	2011	124000
Chlorpyrifos	2012	360000
Chlorpyrifos	2013	104000
Chlorpyrifos	2014	93000
Chlorpyrifos	2015	162000
Chlorpyrifos	2016	85000
Chlorpyrifos	2017	160000
Diazinon	1995	22000
Diazinon	1996	13000
Diazinon	1997	12000
Diazinon	1998	16000
Diazinon	1999	21000
Diazinon	2000	18000
Diazinon	2001	25000
Diazinon	2002	20000
Diazinon	2003	26000
Diazinon	2004	24000
Diazinon	2005	17000
Diazinon	2006	17000
Diazinon	2007	17000
Diazinon	2008	16000
Diazinon	2009	8000
Diazinon	2010	9000
Diazinon	2011	8000
Diazinon	2012	5000
Diazinon	2013	5000
Diazinon	2014	8000
Diazinon	2015	8000
Diazinon	2016	15000
Diazinon	2017	11000
Dicrotophos	1995	564000
Dicrotophos	1996	433000
Dicrotophos	1997	377000
Dicrotophos	1998	201000
Dicrotophos	1999	569000
Dicrotophos	2000	387000
Dicrotophos	2001	624000
Dicrotophos	2002	608000
Dicrotophos	2003	693000
Dicrotophos	2004	1390000

Dicrotophos	2005	1071000
Dicrotophos	2006	1122000
Dicrotophos	2007	411000
Dicrotophos	2008	398000
Dicrotophos	2009	348000
Dicrotophos	2010	824000
Dicrotophos	2011	440000
Dicrotophos	2012	615000
Dicrotophos	2013	619000
Dicrotophos	2014	401000
Dicrotophos	2015	470000
Dicrotophos	2016	519000
Dicrotophos	2017	666000
Dimethoate	1995	77000
Dimethoate	1996	43000
Dimethoate	1997	68000
Dimethoate	1998	29000
Dimethoate	1999	28000
Dimethoate	2000	23000
Dimethoate	2001	29000
Dimethoate	2002	26000
Dimethoate	2003	25000
Dimethoate	2004	21000
Dimethoate	2005	26000
Dimethoate	2006	13000
Dimethoate	2007	22000
Dimethoate	2008	14000
Dimethoate	2009	19000
Dimethoate	2010	14000
Dimethoate	2011	23000
Dimethoate	2012	103000
Dimethoate	2013	18000
Dimethoate	2014	20000
Dimethoate	2015	24000
Dimethoate	2016	16000
Dimethoate	2017	38000
Disulfoton	1995	269000
Disulfoton	1996	75000
Disulfoton	1997	167000
Disulfoton	1998	39000
Disulfoton	1999	80000
Disulfoton	2000	32000
Disulfoton	2001	18000
Disulfoton	2002	17000
Disulfoton	2003	17000
Disulfoton	2004	17000
Disulfoton	2005	10000

Disulfoton	2006	7000
Disulfoton	2007	9000
Disulfoton	2008	6000
Disulfoton	2009	5000
Disulfoton	2010	4000
Disulfoton	2011	4000
Disulfoton	2012	2000
Disulfoton	2013	6000
Disulfoton	2014	500
Disulfoton	2015	3000
Disulfoton	2016	<500
Ethion	1995	160000
Ethion	1997	139000
Ethion	1998	336000
Ethion	1999	356000
Ethion	2000	117000
Ethion	2001	144000
Ethion	2002	130000
Ethion	2003	28000
Ethion	2004	16000
Ethion	2005	2000
Ethoprop	1995	358000
Ethoprop	1996	47000
Ethoprop	1997	222000
Ethoprop	1998	17000
Ethoprop	1999	331000
Ethoprop	2000	20000
Ethoprop	2001	225000
Ethoprop	2002	12000
Ethoprop	2003	170000
Ethoprop	2005	116000
Ethoprop	2006	14000
Ethoprop	2009	7000
Ethoprop	2010	16000
Ethoprop	2014	7000
Ethoprop	2016	14000
Ethyl Parathion	1999	8000
Ethyl Parathion	2003	<500
Fenamiphos	1995	40000
Fenamiphos	1996	178000
Fenamiphos	1997	34000
Fenamiphos	1998	1000
Fenamiphos	1999	45000
Fenamiphos	2001	15000
Fenamiphos	2002	2000
Fenamiphos	2003	3000
Fenamiphos	2005	10000

Fenamiphos	2009	6000
Fonofos	1995	440000
Fonofos	1996	127000
Fonofos	1997	168000
Fonofos	1998	74000
Fonofos	1999	30000
Malathion	1995	317000
Malathion	1996	493000
Malathion	1997	1060000
Malathion	1998	222000
Malathion	1999	1548000
Malathion	2000	687000
Malathion	2001	1288000
Malathion	2002	17000
Malathion	2003	362000
Malathion	2004	26000
Malathion	2005	424000
Malathion	2006	13000
Malathion	2007	30000
Malathion	2008	31000
Malathion	2009	11000
Malathion	2010	88000
Malathion	2011	23000
Malathion	2012	21000
Malathion	2013	40000
Malathion	2014	28000
Malathion	2015	31000
Malathion	2016	20000
Malathion	2017	30000
Methamidophos	1995	281000
Methamidophos	1996	21000
Methamidophos	1997	211000
Methamidophos	1998	42000
Methamidophos	1999	166000
Methamidophos	2000	40000
Methamidophos	2001	99000
Methamidophos	2002	30000
Methamidophos	2003	72000
Methamidophos	2004	55000
Methamidophos	2005	58000
Methamidophos	2006	33000
Methamidophos	2007	39000
Methamidophos	2008	51000
Methamidophos	2009	31000
Methamidophos	2010	19000
Methamidophos	2011	23000
Methamidophos	2012	9000

Methamidophos	2013	8000
Methidathion	1995	6000
Methidathion	1997	18000
Methidathion	1998	17000
Methidathion	1999	12000
Methidathion	2000	13000
Methidathion	2001	9000
Methidathion	2002	11000
Methidathion	2003	8000
Methidathion	2004	7000
Methidathion	2005	4000
Methidathion	2006	3000
Methidathion	2007	3000
Methidathion	2008	5000
Methidathion	2009	2000
Methidathion	2010	2000
Methidathion	2011	4000
Methidathion	2012	2000
Methidathion	2013	4000
Methidathion	2014	1000
Methidathion	2015	9000
Methidathion	2017	2000
Methyl Parathion	1995	611000
Methyl Parathion	1996	423000
Methyl Parathion	1997	446000
Methyl Parathion	1998	178000
Methyl Parathion	1999	167000
Methyl Parathion	2000	127000
Methyl Parathion	2001	192000
Methyl Parathion	2002	88000
Methyl Parathion	2003	64000
Methyl Parathion	2004	40000
Methyl Parathion	2005	93000
Methyl Parathion	2006	39000
Methyl Parathion	2007	36000
Methyl Parathion	2008	35000
Methyl Parathion	2009	58000
Methyl Parathion	2010	25000
Methyl Parathion	2011	21000
Methyl Parathion	2012	17000
Methyl Parathion	2013	8000
Methyl Parathion	2014	4000
Methyl Parathion	2015	27000
Methyl Parathion	2016	4000
Methyl Parathion	2017	500
Mevinphos	1996	2000
Mevinphos	1998	<500

Naled	1995	108000
Naled	1996	8000
Naled	1997	185000
Naled	1998	8000
Naled	1999	33000
Naled	2000	9000
Naled	2001	9000
Naled	2002	13000
Naled	2003	56000
Naled	2004	11000
Naled	2005	22000
Naled	2006	10000
Naled	2007	8000
Naled	2008	18000
Naled	2009	5000
Naled	2010	14000
Naled	2011	15000
Naled	2012	16000
Naled	2013	11000
Naled	2014	13000
Naled	2015	19000
Naled	2016	7000
Naled	2017	69000
Oxydemeton-methyl (ODM)	1996	6000
Oxydemeton-methyl (ODM)	1998	8000
Oxydemeton-methyl (ODM)	1999	13000
Oxydemeton-methyl (ODM)	2000	11000
Oxydemeton-methyl (ODM)	2001	9000
Oxydemeton-methyl (ODM)	2002	10000
Oxydemeton-methyl (ODM)	2003	11000
Oxydemeton-methyl (ODM)	2004	14000
Oxydemeton-methyl (ODM)	2005	11000
Oxydemeton-methyl (ODM)	2006	11000
Oxydemeton-methyl (ODM)	2007	10000
Oxydemeton-methyl (ODM)	2008	12000
Oxydemeton-methyl (ODM)	2009	4000
Oxydemeton-methyl (ODM)	2010	11000
Oxydemeton-methyl (ODM)	2011	4000
Oxydemeton-methyl (ODM)	2012	1000
Oxydemeton-methyl (ODM)	2013	4000
Oxydemeton-methyl (ODM)	2014	1000
Oxydemeton-methyl (ODM)	2015	1000
Oxydemeton-methyl (ODM)	2016	1000
Phorate	1995	628000
Phorate	1996	514000
Phorate	1997	565000
Phorate	1998	168000

Phorate	1999	330000
Phorate	2000	181000
Phorate	2001	205000
Phorate	2002	74000
Phorate	2003	207000
Phorate	2004	117000
Phorate	2005	98000
Phorate	2006	60000
Phorate	2007	93000
Phorate	2008	91000
Phorate	2009	82000
Phorate	2010	58000
Phorate	2011	125000
Phorate	2012	154000
Phorate	2013	165000
Phorate	2014	166000
Phorate	2015	84000
Phorate	2016	117000
Phorate	2017	90000
Phosalone	1999	1000
Phosmet	1995	39000
Phosmet	1997	61000
Phosmet	1998	34000
Phosmet	1999	92000
Phosmet	2000	44000
Phosmet	2001	94000
Phosmet	2002	95000
Phosmet	2003	85000
Phosmet	2004	128000
Phosmet	2005	101000
Phosmet	2006	39000
Phosmet	2007	77000
Phosmet	2008	69000
Phosmet	2009	48000
Phosmet	2010	38000
Phosmet	2011	59000
Phosmet	2012	38000
Phosmet	2013	79000
Phosmet	2014	22000
Phosmet	2015	54000
Phosmet	2016	34000
Phosmet	2017	54000
Phosphamidon	1995	14000
Phosphamidon	1997	4000
Phosphamidon	1999	1000
Profenofos	1995	1742000
Profenofos	1996	413000

Profenofos	1997	558000
Profenofos	1998	350000
Profenofos	1999	264000
Profenofos	2000	259000
Profenofos	2001	139000
Profenofos	2002	78000
Profenofos	2003	128000
Profenofos	2004	17000
Profenofos	2005	66000
Profenofos	2006	34000
Profenofos	2007	22000
Profenofos	2008	20000
Profenofos	2009	6000
Profenofos	2010	10000
Profenofos	2011	3000
Sulprofos	1995	173000
Sulprofos	1998	15000
Sulprofos	1999	1000
Sulprofos	2000	17000
Sulprofos	2001	18000
Terbufos	1995	4277000
Terbufos	1996	1512000
Terbufos	1997	3200000
Terbufos	1998	1688000
Terbufos	1999	3588000
Terbufos	2000	994000
Terbufos	2001	2491000
Terbufos	2002	414000
Terbufos	2003	910000
Terbufos	2005	331000
Terbufos	2006	1000
Terbufos	2010	78000
Terbufos	2014	3000
Terbufos	2016	109000
Tribufos (def)	1998	4047000
Tribufos (def)	1999	3958000
Tribufos (def)	2000	3970000
Tribufos (def)	2001	4685000
Tribufos (def)	2002	3698000
Tribufos (def)	2003	3438000
Tribufos (def)	2004	2869000
Tribufos (def)	2005	2669000
Tribufos (def)	2006	2436000
Tribufos (def)	2007	2543000
Tribufos (def)	2008	1602000
Tribufos (def)	2009	1809000
Tribufos (def)	2010	2332000

Tribufos (def)	2011	2882000
Tribufos (def)	2012	2204000
Tribufos (def)	2013	1906000
Tribufos (def)	2014	1858000
Tribufos (def)	2015	1615000
Tribufos (def)	2016	2750000
Tribufos (def)	2017	2228000

Table 1. 1995-2017 Total lbs Applied

AI	Total AI Applied (1995-2017)*†
TOTAL	**135,077,000**
Acephate	9,512,000
Azinphos-methyl (AZM)	1,123,000
Bensulide	1,064,000
Cadusafos	-
Chlorethoxyphos	684,000
Chlorfenvinphos	-
Chlorpyrifos	5,942,000
Chlorpyrifos-methyl	-
Chlorthiophos	-
Coumaphos	-
DDVP	-
Dialifor	-
Diazinon	341,000
Dicrotophos	13,750,000
Dimethoate	719,000
Dioxathion	-
Disulfoton	787,500
Ethion	1,428,000
Ethoprop	1,576,000
Ethyl Parathion	8,000
Fenamiphos	334,000
Fenitrothion	-
Fenthion	-
Fonofos	839,000
Fosthiazate	-
Isazophos	-
Isofenphos	-
Malathion	6,810,000
Methamidophos	1,288,000
Methidathion	142,000
Methyl Parathion	2,703,500
Mevinphos	2,000
Monocrotophos	-
Naled	667,000
Oxydemeton-methyl (ODM)	153,000
Phorate	4,372,000
Phosalone	1,000
Phosmet	1,384,000
Phosphamidon	19,000
Phostebupirim	-
Pirimiphos-methyl	-
Profenofos	4,109,000

Propetamphos	-
Sulfotepp	-
Sulprofos	224,000
Temephos	-
Terbufos	19,596,000
Tetrachlorvinphos	-
Tribufos (def)	55,499,000
Trichlorfon	-

* Usage may not be reported each year

† Usage rounded to nearest 1,000 lbs

Table 2. 1995-2017 Total lbs Applied

AI	Total AI Applied (1995-2017)*†
TOTAL	**17,297,000**
Aldicarb[a]	9,381,000
Carbaryl[a]	2,099,000
Carbofuran[a]	1,942,000
Formetanate HCl	208,000
Methiocarb	3,000
Methomyl	590,000
Oxamyl[a]	1,733,000
Pirimicarb	3,000
Propoxur	-
Thiodicarb	1,338,000

* Usage may not be reported each year

† Usage rounded to nearest 1,000 lbs

[a] Includes usage for all pesticide types (i.e., herbicide, insecticide

1995-2017 Total lbs Applied

AI	Total AI Applied 1995-2017	1995	1996	1997
Acephate	**9,512,000**	1,250,000	162,000	898,000
Azinphos-methyl (AZM)	**1,123,000**	163,000	47,000	145,000
Bensulide	**1,064,000**			
Cadusafos				
Chlorethoxyphos	**684,000**			186,000
Chlorfenvinphos				
Chlorpyrifos	**5,942,000**	635,000	547,000	691,000
Chlorpyrifos-methyl				
Chlorthiophos				
Coumaphos				
DDVP				
Dialifor				
Diazinon	**341,000**	22,000	13,000	12,000
Dicrotophos	**13,750,000**	564,000	433,000	377,000
Dimethoate	**719,000**	77,000	43,000	68,000
Dioxathion				
Disulfoton	**787,500**	269,000	75,000	167,000
Ethion	**1,428,000**	160,000		139,000
Ethoprop	**1,576,000**	358,000	47,000	222,000
Ethyl Parathion	**8,000**			
Fenamiphos	**334,000**	40,000	178,000	34,000
Fenitrothion				
Fenthion				
Fonofos	**839,000**	440,000	127,000	168,000
Fosthiazate				
Isazophos				
Isofenphos				
Malathion	**6,810,000**	317,000	493,000	1,060,000
Methamidophos	**1,288,000**	281,000	21,000	211,000
Methidathion	**142,000**	6,000		18,000
Methyl Parathion	**2,703,500**	611,000	423,000	446,000
Mevinphos	**2,000**		2,000	
Monocrotophos				
Naled	**667,000**	108,000	8,000	185,000
Oxydemeton-methyl (ODM)	**153,000**		6,000	
Phorate	**4,372,000**	628,000	514,000	565,000
Phosalone	**1,000**			
Phosmet	**1,384,000**	39,000		61,000
Phosphamidon	**19,000**	14,000		4,000
Phostebupirim				
Pirimiphos-methyl				
Profenofos	**4,109,000**	1,742,000	413,000	558,000
Propetamphos				
Sulfotepp				
Sulprofos	**224,000**	173,000		

1998	1999	2000	2001	2002	2003	2004	2005	2006
104,000	328,000	103,000	985,000	72,000	1,329,000	152,000	886,000	137,000
38,000	87,000	39,000	68,000	29,000	82,000	49,000	59,000	29,000
45,000	56,000	60,000	48,000	47,000	62,000	73,000	62,000	74,000
109,000	95,000	42,000	11,000	20,000	51,000	8,000	16,000	14,000
318,000	307,000	323,000	289,000	224,000	296,000	188,000	294,000	129,000
16,000	21,000	18,000	25,000	20,000	26,000	24,000	17,000	17,000
201,000	569,000	387,000	624,000	608,000	693,000	1,390,000	1,071,000	1,122,000
29,000	28,000	23,000	29,000	26,000	25,000	21,000	26,000	13,000
39,000	80,000	32,000	18,000	17,000	17,000	17,000	10,000	7,000
336,000	356,000	117,000	144,000	130,000	28,000	16,000	2,000	
17,000	331,000	20,000	225,000	12,000	170,000		116,000	14,000
	8,000				<500			
1,000	45,000		15,000	2,000	3,000		10,000	
74,000	30,000							
222,000	1,548,000	687,000	1,288,000	17,000	362,000	26,000	424,000	13,000
42,000	166,000	40,000	99,000	30,000	72,000	55,000	58,000	33,000
17,000	12,000	13,000	9,000	11,000	8,000	7,000	4,000	3,000
178,000	167,000	127,000	192,000	88,000	64,000	40,000	93,000	39,000
<500								
8,000	33,000	9,000	9,000	13,000	56,000	11,000	22,000	10,000
8,000	13,000	11,000	9,000	10,000	11,000	14,000	11,000	11,000
168,000	330,000	181,000	205,000	74,000	207,000	117,000	98,000	60,000
	1,000							
34,000	92,000	44,000	94,000	95,000	85,000	128,000	101,000	39,000
	1,000							
350,000	264,000	259,000	139,000	78,000	128,000	17,000	66,000	34,000
15,000	1,000	17,000	18,000					

2007	2008	2009	2010	2011	2012	2013	2014	2015
147,000	162,000	88,000	189,000	212,000	625,000	98,000	96,000	568,000
68,000	52,000	51,000	48,000	45,000	13,000	7,000	4,000	
63,000	61,000	39,000	36,000	45,000	47,000	33,000	51,000	50,000
4,000	10,000	18,000	8,000	6,000	12,000	10,000	28,000	10,000
175,000	232,000	104,000	102,000	124,000	360,000	104,000	93,000	162,000
17,000	16,000	8,000	9,000	8,000	5,000	5,000	8,000	8,000
411,000	398,000	348,000	824,000	440,000	615,000	619,000	401,000	470,000
22,000	14,000	19,000	14,000	23,000	103,000	18,000	20,000	24,000
9,000	6,000	5,000	4,000	4,000	2,000	6,000	500	3,000
		7,000	16,000				7,000	
		6,000						
30,000	31,000	11,000	88,000	23,000	21,000	40,000	28,000	31,000
39,000	51,000	31,000	19,000	23,000	9,000	8,000		
3,000	5,000	2,000	2,000	4,000	2,000	4,000	1,000	9,000
36,000	35,000	58,000	25,000	21,000	17,000	8,000	4,000	27,000
8,000	18,000	5,000	14,000	15,000	16,000	11,000	13,000	19,000
10,000	12,000	4,000	11,000	4,000	1,000	4,000	1,000	1,000
93,000	91,000	82,000	58,000	125,000	154,000	165,000	166,000	84,000
77,000	69,000	48,000	38,000	59,000	38,000	79,000	22,000	54,000
22,000	20,000	6,000	10,000	3,000				

2016	2017	Column1	Column2	Column3	Column4	Column5	Column6
116,000	805,000						
57,000	55,000						
7,000	19,000						
85,000	160,000						
15,000	11,000						
519,000	666,000						
16,000	38,000						
<500							
14,000							
20,000	30,000						
	2,000						
4,000	500						
7,000	69,000						
1,000							
117,000	90,000						
34,000	54,000						

Column7	Column8	Column9	Column10	Column11	Column12	Column13	Column14

Column15	Column16	Column17	Column18	Column19	Column20	Column21

Column22	Column23	Column24	Column25	Column26	Column27	Column28

Column29	Column30	Column31	Column32	Column33	Column34	Column35

Column36	Column37	Column38	Column39	Column40	Column41	Column42

Column43	Column44	Column45	Column46	Column47	Column48	Column49

Column50	Column51	Column52	Column53	Column54	Column55	Column56

Column57	Column58	Column59	Column60	Column61	Column62	Column63

Column64	Column65	Column66	Column67	Column68	Column69	Column70

Column71	Column72	Column73	Column74	Column75	Column76	Column77

Column78	Column79	Column80	Column81	Column82	Column83	Column84

Column85	Column86	Column87	Column88	Column89	Column90	Column91

Column92	Column93	Column94	Column95	Column96	Column97	Column98

Column99	Column100	Column101	Column102	Column103	Column104	Column105

Column106	Column107	Column108	Column109	Column110	Column111	Column112

Column113	Column114	Column115	Column116	Column117	Column118	Column119

Column120	Column121	Column122	Column123	Column124	Column125	Column126

Column127	Column128	Column129	Column130	Column131	Column132	Column133

Column134	Column135	Column136	Column137	Column138	Column139	Column140

Column141	Column142	Column143	Column144	Column145	Column146	Column147

Column148	Column149	Column150	Column151	Column152	Column153	Column154

Column155	Column156	Column157	Column158	Column159	Column160	Column161

Column162	Column163	Column164	Column165	Column166	Column167	Column168

Column169	Column170	Column171	Column172	Column173	Column174	Column175

Column176	Column177	Column178	Column179	Column180	Column181	Column182

Column183	Column184	Column185	Column186	Column187	Column188	Column189

Column190	Column191	Column192	Column193	Column194	Column195	Column196

Column197	Column198	Column199	Column200	Column201	Column202	Column203

Column204	Column205	Column206	Column207	Column208	Column209	Column210

Column211	Column212	Column213	Column214	Column215	Column216	Column217

Column218	Column219	Column220	Column221	Column222	Column223	Column224

Column225	Column226	Column227	Column228	Column229	Column230	Column231

Column232	Column233	Column234	Column235	Column236	Column237	Column238

Column239	Column240	Column241	Column242	Column243	Column244	Column245

Column246	Column247	Column248	Column249	Column250	Column251	Column252

Column253	Column254	Column255	Column256	Column257	Column258	Column259

Column260	Column261	Column262	Column263	Column264	Column265	Column266

Column267	Column268	Column269	Column270	Column271	Column272	Column273

Column274	Column275	Column276	Column277	Column278	Column279	Column280

Column281	Column282	Column283	Column284	Column285	Column286	Column287

Column288	Column289	Column290	Column291	Column292	Column293	Column294

Column295	Column296	Column297	Column298	Column299	Column300	Column301

Column302	Column303	Column304	Column305	Column306	Column307	Column308

Column309	Column310	Column311	Column312	Column313	Column314	Column315

Column316	Column317	Column318	Column319	Column320	Column321	Column322

Column323	Column324	Column325	Column326	Column327	Column328	Column329

Column330	Column331	Column332	Column333	Column334	Column335	Column336

Column337	Column338	Column339	Column340	Column341	Column342	Column343

Column344	Column345	Column346	Column347	Column348	Column349	Column350

Column351	Column352	Column353	Column354	Column355	Column356	Column357

Column358	Column359	Column360	Column361	Column362	Column363	Column364

Column365	Column366	Column367	Column368	Column369	Column370	Column371

Column372	Column373	Column374	Column375	Column376	Column377	Column378

Column379	Column380	Column381	Column382	Column383	Column384	Column385

Column386	Column387	Column388	Column389	Column390	Column391	Column392

Column393	Column394	Column395	Column396	Column397	Column398	Column399

Column400	Column401	Column402	Column403	Column404	Column405	Column406

Column407	Column408	Column409	Column410	Column411	Column412	Column413

Column414	Column415	Column416	Column417	Column418	Column419	Column420

Column421	Column422	Column423	Column424	Column425	Column426	Column427

Column428	Column429	Column430	Column431	Column432	Column433	Column434

Column435	Column436	Column437	Column438	Column439	Column440	Column441

Column442	Column443	Column444	Column445	Column446	Column447	Column448

Column449	Column450	Column451	Column452	Column453	Column454	Column455

Column456	Column457	Column458	Column459	Column460	Column461	Column462

Column463	Column464	Column465	Column466	Column467	Column468	Column469

Column470	Column471	Column472	Column473	Column474	Column475	Column476

Column477	Column478	Column479	Column480	Column481	Column482	Column483

Column484	Column485	Column486	Column487	Column488	Column489	Column490

Column491	Column492	Column493	Column494	Column495	Column496	Column497

Column498	Column499	Column500	Column501	Column502	Column503	Column504

Column505	Column506	Column507	Column508	Column509	Column510	Column511

Column512	Column513	Column514	Column515	Column516	Column517	Column518

Column519	Column520	Column521	Column522	Column523	Column524	Column525

Column526	Column527	Column528	Column529	Column530	Column531	Column532

Column533	Column534	Column535	Column536	Column537	Column538	Column539

Column540	Column541	Column542	Column543	Column544	Column545	Column546

Column547	Column548	Column549	Column550	Column551	Column552	Column553

Column554	Column555	Column556	Column557	Column558	Column559	Column560

Column561	Column562	Column563	Column564	Column565	Column566	Column567

Column568	Column569	Column570	Column571	Column572	Column573	Column574

Column575	Column576	Column577	Column578	Column579	Column580	Column581

Column582	Column583	Column584	Column585	Column586	Column587	Column588

Column589	Column590	Column591	Column592	Column593	Column594	Column595

Column596	Column597	Column598	Column599	Column600	Column601	Column602

Column603	Column604	Column605	Column606	Column607	Column608	Column609

Column610	Column611	Column612	Column613	Column614	Column615	Column616

Column617	Column618	Column619	Column620	Column621	Column622	Column623

Column624	Column625	Column626	Column627	Column628	Column629	Column630

Column631	Column632	Column633	Column634	Column635	Column636	Column637

Column638	Column639	Column640	Column641	Column642	Column643	Column644

Column645	Column646	Column647	Column648	Column649	Column650	Column651

Column652	Column653	Column654	Column655	Column656	Column657	Column658

Column659	Column660	Column661	Column662	Column663	Column664	Column665

Column666	Column667	Column668	Column669	Column670	Column671	Column672

Column673	Column674	Column675	Column676	Column677	Column678	Column679

Column680	Column681	Column682	Column683	Column684	Column685	Column686

Column687	Column688	Column689	Column690	Column691	Column692	Column693

Column694	Column695	Column696	Column697	Column698	Column699	Column700

Column701	Column702	Column703	Column704	Column705	Column706	Column707

Column708	Column709	Column710	Column711	Column712	Column713	Column714

Column715	Column716	Column717	Column718	Column719	Column720	Column721

Column722	Column723	Column724	Column725	Column726	Column727	Column728

Column729	Column730	Column731	Column732	Column733	Column734	Column735

Column736	Column737	Column738	Column739	Column740	Column741	Column742

Column743	Column744	Column745	Column746	Column747	Column748	Column749

Column750	Column751	Column752	Column753	Column754	Column755	Column756

Column757	Column758	Column759	Column760	Column761	Column762	Column763

Column764	Column765	Column766	Column767	Column768	Column769	Column770

Column771	Column772	Column773	Column774	Column775	Column776	Column777

Column778	Column779	Column780	Column781	Column782	Column783	Column784

Column785	Column786	Column787	Column788	Column789	Column790	Column791

Column792	Column793	Column794	Column795	Column796	Column797	Column798

Column799	Column800	Column801	Column802	Column803	Column804	Column805

Column806	Column807	Column808	Column809	Column810	Column811	Column812

Column813	Column814	Column815	Column816	Column817	Column818	Column819

Column820	Column821	Column822	Column823	Column824	Column825	Column826

Column827	Column828	Column829	Column830	Column831	Column832	Column833

Column834	Column835	Column836	Column837	Column838	Column839	Column840

Column841	Column842	Column843	Column844	Column845	Column846	Column847

Column848	Column849	Column850	Column851	Column852	Column853	Column854

Column855	Column856	Column857	Column858	Column859	Column860	Column861

Column862	Column863	Column864	Column865	Column866	Column867	Column868

Column869	Column870	Column871	Column872	Column873	Column874	Column875

Column876	Column877	Column878	Column879	Column880	Column881	Column882

Column883	Column884	Column885	Column886	Column887	Column888	Column889

Column890	Column891	Column892	Column893	Column894	Column895	Column896

Column897	Column898	Column899	Column900	Column901	Column902	Column903

Column904	Column905	Column906	Column907	Column908	Column909	Column910

Column911	Column912	Column913	Column914	Column915	Column916	Column917

Column918	Column919	Column920	Column921	Column922	Column923	Column924

Column925	Column926	Column927	Column928	Column929	Column930	Column931

Column932	Column933	Column934	Column935	Column936	Column937	Column938

Column939	Column940	Column941	Column942	Column943	Column944	Column945

Column946	Column947	Column948	Column949	Column950	Column951	Column952

Column953	Column954	Column955	Column956	Column957	Column958	Column959

Column960	Column961	Column962	Column963	Column964	Column965	Column966

Column967	Column968	Column969	Column970	Column971	Column972	Column973

Column974	Column975	Column976	Column977	Column978	Column979	Column980

Column981	Column982	Column983	Column984	Column985	Column986	Column987

Column988	Column989	Column990	Column991	Column992	Column993	Column994

Column995	Column996	Column997	Column998	Column999	Column1000	Column1001

Column1002	Column1003	Column1004	Column1005	Column1006	Column1007

Column1008	Column1009	Column1010	Column1011	Column1012	Column1013

Column1014	Column1015	Column1016	Column1017	Column1018	Column1019

Column1020	Column1021	Column1022	Column1023	Column1024	Column1025

Column1026	Column1027	Column1028	Column1029	Column1030	Column1031

Column1032	Column1033	Column1034	Column1035	Column1036	Column1037

Column1038	Column1039	Column1040	Column1041	Column1042	Column1043

Column1044	Column1045	Column1046	Column1047	Column1048	Column1049

Column1050	Column1051	Column1052	Column1053	Column1054	Column1055

Column1056	Column1057	Column1058	Column1059	Column1060	Column1061

Column1062	Column1063	Column1064	Column1065	Column1066	Column1067

Column1068	Column1069	Column1070	Column1071	Column1072	Column1073

Column1074	Column1075	Column1076	Column1077	Column1078	Column1079

Column1080	Column1081	Column1082	Column1083	Column1084	Column1085

Column1086	Column1087	Column1088	Column1089	Column1090	Column1091

Column1092	Column1093	Column1094	Column1095	Column1096	Column1097

Column1098	Column1099	Column1100	Column1101	Column1102	Column1103

Column1104	Column1105	Column1106	Column1107	Column1108	Column1109

Column1110	Column1111	Column1112	Column1113	Column1114	Column1115

Column1116	Column1117	Column1118	Column1119	Column1120	Column1121

Column1122	Column1123	Column1124	Column1125	Column1126	Column1127

Column1128	Column1129	Column1130	Column1131	Column1132	Column1133

Column1134	Column1135	Column1136	Column1137	Column1138	Column1139

Column1140	Column1141	Column1142	Column1143	Column1144	Column1145

Column1146	Column1147	Column1148	Column1149	Column1150	Column1151

Column1152	Column1153	Column1154	Column1155	Column1156	Column1157

Column1158	Column1159	Column1160	Column1161	Column1162	Column1163

Column1164	Column1165	Column1166	Column1167	Column1168	Column1169

Column1170	Column1171	Column1172	Column1173	Column1174	Column1175

Column1176	Column1177	Column1178	Column1179	Column1180	Column1181

Column1182	Column1183	Column1184	Column1185	Column1186	Column1187

Column1188	Column1189	Column1190	Column1191	Column1192	Column1193

Column1194	Column1195	Column1196	Column1197	Column1198	Column1199

Column1200	Column1201	Column1202	Column1203	Column1204	Column1205

Column1206	Column1207	Column1208	Column1209	Column1210	Column1211

Column1212	Column1213	Column1214	Column1215	Column1216	Column1217

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Column1224	Column1225	Column1226	Column1227	Column1228	Column1229

Column1230	Column1231	Column1232	Column1233	Column1234	Column1235

Column1236	Column1237	Column1238	Column1239	Column1240	Column1241

Column1242	Column1243	Column1244	Column1245	Column1246	Column1247

Column1248	Column1249	Column1250	Column1251	Column1252	Column1253

Column1254	Column1255	Column1256	Column1257	Column1258	Column1259

Column1260	Column1261	Column1262	Column1263	Column1264	Column1265

Column1266	Column1267	Column1268	Column1269	Column1270	Column1271

Column1272	Column1273	Column1274	Column1275	Column1276	Column1277

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Column1290	Column1291	Column1292	Column1293	Column1294	Column1295

Column1296	Column1297	Column1298	Column1299	Column1300	Column1301

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Column1320	Column1321	Column1322	Column1323	Column1324	Column1325

Column1326	Column1327	Column1328	Column1329	Column1330	Column1331

Column1332	Column1333	Column1334	Column1335	Column1336	Column1337

Column1338	Column1339	Column1340	Column1341	Column1342	Column1343

Column1344	Column1345	Column1346	Column1347	Column1348	Column1349

Column1350	Column1351	Column1352	Column1353	Column1354	Column1355

Column1356	Column1357	Column1358	Column1359	Column1360	Column1361

Column1362	Column1363	Column1364	Column1365	Column1366	Column1367

Column1368	Column1369	Column1370	Column1371	Column1372	Column1373

Column1374	Column1375	Column1376	Column1377	Column1378	Column1379

Column1380	Column1381	Column1382	Column1383	Column1384	Column1385

Column1386	Column1387	Column1388	Column1389	Column1390	Column1391

Column1392	Column1393	Column1394	Column1395	Column1396	Column1397

Column1398	Column1399	Column1400	Column1401	Column1402	Column1403

Column1404	Column1405	Column1406	Column1407	Column1408	Column1409

Column1410	Column1411	Column1412	Column1413	Column1414	Column1415

Column1416	Column1417	Column1418	Column1419	Column1420	Column1421

Column1422	Column1423	Column1424	Column1425	Column1426	Column1427

Column1428	Column1429	Column1430	Column1431	Column1432	Column1433

Column1434	Column1435	Column1436	Column1437	Column1438	Column1439

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Column1446	Column1447	Column1448	Column1449	Column1450	Column1451

Column1452	Column1453	Column1454	Column1455	Column1456	Column1457

Column1458	Column1459	Column1460	Column1461	Column1462	Column1463

Column1464	Column1465	Column1466	Column1467	Column1468	Column1469

Column1470	Column1471	Column1472	Column1473	Column1474	Column1475

Column1476	Column1477	Column1478	Column1479	Column1480	Column1481

Column1482	Column1483	Column1484	Column1485	Column1486	Column1487

Column1488	Column1489	Column1490	Column1491	Column1492	Column1493

Column1494	Column1495	Column1496	Column1497	Column1498	Column1499

Column1500	Column1501	Column1502	Column1503	Column1504	Column1505

Column1506	Column1507	Column1508	Column1509	Column1510	Column1511

Column1512	Column1513	Column1514	Column1515	Column1516	Column1517

Column1518	Column1519	Column1520	Column1521	Column1522	Column1523

Column1524	Column1525	Column1526	Column1527	Column1528	Column1529

Column1530	Column1531	Column1532	Column1533	Column1534	Column1535

Column1536	Column1537	Column1538	Column1539	Column1540	Column1541

Column1542	Column1543	Column1544	Column1545	Column1546	Column1547

Column1548	Column1549	Column1550	Column1551	Column1552	Column1553

Column1554	Column1555	Column1556	Column1557	Column1558	Column1559

Column1560	Column1561	Column1562	Column1563	Column1564	Column1565

Column1566	Column1567	Column1568	Column1569	Column1570	Column1571

Column1572	Column1573	Column1574	Column1575	Column1576	Column1577

Column1578	Column1579	Column1580	Column1581	Column1582	Column1583

Column1584	Column1585	Column1586	Column1587	Column1588	Column1589

Column1590	Column1591	Column1592	Column1593	Column1594	Column1595

Column1596	Column1597	Column1598	Column1599	Column1600	Column1601

Column1602	Column1603	Column1604	Column1605	Column1606	Column1607

Column1608	Column1609	Column1610	Column1611	Column1612	Column1613

Column1614	Column1615	Column1616	Column1617	Column1618	Column1619

Column1620	Column1621	Column1622	Column1623	Column1624	Column1625

Column1626	Column1627	Column1628	Column1629	Column1630	Column1631

Column1632	Column1633	Column1634	Column1635	Column1636	Column1637

Column1638	Column1639	Column1640	Column1641	Column1642	Column1643

Column1644	Column1645	Column1646	Column1647	Column1648	Column1649

Column1650	Column1651	Column1652	Column1653	Column1654	Column1655

Column1656	Column1657	Column1658	Column1659	Column1660	Column1661

Column1662	Column1663	Column1664	Column1665	Column1666	Column1667

Column1668	Column1669	Column1670	Column1671	Column1672	Column1673

Column1674	Column1675	Column1676	Column1677	Column1678	Column1679

Column1680	Column1681	Column1682	Column1683	Column1684	Column1685

Column1686	Column1687	Column1688	Column1689	Column1690	Column1691

Column1692	Column1693	Column1694	Column1695	Column1696	Column1697

Column1698	Column1699	Column1700	Column1701	Column1702	Column1703

Column1704	Column1705	Column1706	Column1707	Column1708	Column1709

Column1710	Column1711	Column1712	Column1713	Column1714	Column1715

Column1716	Column1717	Column1718	Column1719	Column1720	Column1721

Column1722	Column1723	Column1724	Column1725	Column1726	Column1727

Column1728	Column1729	Column1730	Column1731	Column1732	Column1733

Column1734	Column1735	Column1736	Column1737	Column1738	Column1739

Column1740	Column1741	Column1742	Column1743	Column1744	Column1745

Column1746	Column1747	Column1748	Column1749	Column1750	Column1751

Column1752	Column1753	Column1754	Column1755	Column1756	Column1757

Column1758	Column1759	Column1760	Column1761	Column1762	Column1763

Column1764	Column1765	Column1766	Column1767	Column1768	Column1769

Column1770	Column1771	Column1772	Column1773	Column1774	Column1775

Column1776	Column1777	Column1778	Column1779	Column1780	Column1781

Column1782	Column1783	Column1784	Column1785	Column1786	Column1787

Column1788	Column1789	Column1790	Column1791	Column1792	Column1793

Column1794	Column1795	Column1796	Column1797	Column1798	Column1799

Column1800	Column1801	Column1802	Column1803	Column1804	Column1805

Column1806	Column1807	Column1808	Column1809	Column1810	Column1811

Column1812	Column1813	Column1814	Column1815	Column1816	Column1817

Column1818	Column1819	Column1820	Column1821	Column1822	Column1823

Column1824	Column1825	Column1826	Column1827	Column1828	Column1829

Column1830	Column1831	Column1832	Column1833	Column1834	Column1835

Column1836	Column1837	Column1838	Column1839	Column1840	Column1841

Column1842	Column1843	Column1844	Column1845	Column1846	Column1847

Column1848	Column1849	Column1850	Column1851	Column1852	Column1853

Column1854	Column1855	Column1856	Column1857	Column1858	Column1859

Column1860	Column1861	Column1862	Column1863	Column1864	Column1865

Column1866	Column1867	Column1868	Column1869	Column1870	Column1871

Column1872	Column1873	Column1874	Column1875	Column1876	Column1877

Column1878	Column1879	Column1880	Column1881	Column1882	Column1883

Column1884	Column1885	Column1886	Column1887	Column1888	Column1889

Column1890	Column1891	Column1892	Column1893	Column1894	Column1895

Column1896	Column1897	Column1898	Column1899	Column1900	Column1901

Column1902	Column1903	Column1904	Column1905	Column1906	Column1907

Column1908	Column1909	Column1910	Column1911	Column1912	Column1913

Column1914	Column1915	Column1916	Column1917	Column1918	Column1919

Column1920	Column1921	Column1922	Column1923	Column1924	Column1925

Column1926	Column1927	Column1928	Column1929	Column1930	Column1931

Column1932	Column1933	Column1934	Column1935	Column1936	Column1937

Column1938	Column1939	Column1940	Column1941	Column1942	Column1943

Column1944	Column1945	Column1946	Column1947	Column1948	Column1949

Column1950	Column1951	Column1952	Column1953	Column1954	Column1955

Column1956	Column1957	Column1958	Column1959	Column1960	Column1961

Column1962	Column1963	Column1964	Column1965	Column1966	Column1967

Column1968	Column1969	Column1970	Column1971	Column1972	Column1973

Column1974	Column1975	Column1976	Column1977	Column1978	Column1979

Column1980	Column1981	Column1982	Column1983	Column1984	Column1985

Column1986	Column1987	Column1988	Column1989	Column1990	Column1991

Column1992	Column1993	Column1994	Column1995	Column1996	Column1997

Column1998	Column1999	Column2000	Column2001	Column2002	Column2003

Column2004	Column2005	Column2006	Column2007	Column2008	Column2009

Column2010	Column2011	Column2012	Column2013	Column2014	Column2015

Column2016	Column2017	Column2018	Column2019	Column2020	Column2021

Column2022	Column2023	Column2024	Column2025	Column2026	Column2027

Column2028	Column2029	Column2030	Column2031	Column2032	Column2033

Column2034	Column2035	Column2036	Column2037	Column2038	Column2039

Column2040	Column2041	Column2042	Column2043	Column2044	Column2045

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Column15696	Column15697	Column15698	Column15699	Column15700	Column15701

Column15702	Column15703	Column15704	Column15705	Column15706	Column15707

Column15708	Column15709	Column15710	Column15711	Column15712	Column15713

Column15714	Column15715	Column15716	Column15717	Column15718	Column15719

Column15720	Column15721	Column15722	Column15723	Column15724	Column15725

Column15726	Column15727	Column15728	Column15729	Column15730	Column15731

Column15732	Column15733	Column15734	Column15735	Column15736	Column15737

Column15738	Column15739	Column15740	Column15741	Column15742	Column15743

Column15744	Column15745	Column15746	Column15747	Column15748	Column15749

Column15750	Column15751	Column15752	Column15753	Column15754	Column15755

Column15756	Column15757	Column15758	Column15759	Column15760	Column15761

Column15762	Column15763	Column15764	Column15765	Column15766	Column15767

Column15768	Column15769	Column15770	Column15771	Column15772	Column15773

Column15774	Column15775	Column15776	Column15777	Column15778	Column15779

Column15780	Column15781	Column15782	Column15783	Column15784	Column15785

Column15786	Column15787	Column15788	Column15789	Column15790	Column15791

Column15792	Column15793	Column15794	Column15795	Column15796	Column15797

Column15798	Column15799	Column15800	Column15801	Column15802	Column15803

Column15804	Column15805	Column15806	Column15807	Column15808	Column15809

Column15810	Column15811	Column15812	Column15813	Column15814	Column15815

Column15816	Column15817	Column15818	Column15819	Column15820	Column15821

Column15822	Column15823	Column15824	Column15825	Column15826	Column15827

Column15828	Column15829	Column15830	Column15831	Column15832	Column15833

Column15834	Column15835	Column15836	Column15837	Column15838	Column15839

Column15840	Column15841	Column15842	Column15843	Column15844	Column15845

Column15846	Column15847	Column15848	Column15849	Column15850	Column15851

Column15852	Column15853	Column15854	Column15855	Column15856	Column15857

Column15858	Column15859	Column15860	Column15861	Column15862	Column15863

Column15864	Column15865	Column15866	Column15867	Column15868	Column15869

Column15870	Column15871	Column15872	Column15873	Column15874	Column15875

Column15876	Column15877	Column15878	Column15879	Column15880	Column15881

Column15882	Column15883	Column15884	Column15885	Column15886	Column15887

Column15888	Column15889	Column15890	Column15891	Column15892	Column15893

Column15894	Column15895	Column15896	Column15897	Column15898	Column15899

Column15900	Column15901	Column15902	Column15903	Column15904	Column15905

Column15906	Column15907	Column15908	Column15909	Column15910	Column15911

Column15912	Column15913	Column15914	Column15915	Column15916	Column15917

Column15918	Column15919	Column15920	Column15921	Column15922	Column15923

Column15924	Column15925	Column15926	Column15927	Column15928	Column15929

Column15930	Column15931	Column15932	Column15933	Column15934	Column15935

Column15936	Column15937	Column15938	Column15939	Column15940	Column15941

Column15942	Column15943	Column15944	Column15945	Column15946	Column15947

Column15948	Column15949	Column15950	Column15951	Column15952	Column15953

Column15954	Column15955	Column15956	Column15957	Column15958	Column15959

Column15960	Column15961	Column15962	Column15963	Column15964	Column15965

Column15966	Column15967	Column15968	Column15969	Column15970	Column15971

Column15972	Column15973	Column15974	Column15975	Column15976	Column15977

Column15978	Column15979	Column15980	Column15981	Column15982	Column15983

Column15984	Column15985	Column15986	Column15987	Column15988	Column15989

Column15990	Column15991	Column15992	Column15993	Column15994	Column15995

Column15996	Column15997	Column15998	Column15999	Column16000	Column16001

Column16002	Column16003	Column16004	Column16005	Column16006	Column16007

Column16008	Column16009	Column16010	Column16011	Column16012	Column16013

Column16014	Column16015	Column16016	Column16017	Column16018	Column16019

Column16020	Column16021	Column16022	Column16023	Column16024	Column16025

Column16026	Column16027	Column16028	Column16029	Column16030	Column16031

Column16032	Column16033	Column16034	Column16035	Column16036	Column16037

Column16038	Column16039	Column16040	Column16041	Column16042	Column16043

Column16044	Column16045	Column16046	Column16047	Column16048	Column16049

Column16050	Column16051	Column16052	Column16053	Column16054	Column16055

Column16056	Column16057	Column16058	Column16059	Column16060	Column16061

Column16062	Column16063	Column16064	Column16065	Column16066	Column16067

Column16068	Column16069	Column16070	Column16071	Column16072	Column16073

Column16074	Column16075	Column16076	Column16077	Column16078	Column16079

Column16080	Column16081	Column16082	Column16083	Column16084	Column16085

Column16086	Column16087	Column16088	Column16089	Column16090	Column16091

Column16092	Column16093	Column16094	Column16095	Column16096	Column16097

Column16098	Column16099	Column16100	Column16101	Column16102	Column16103

Column16104	Column16105	Column16106	Column16107	Column16108	Column16109

Column16110	Column16111	Column16112	Column16113	Column16114	Column16115

Column16116	Column16117	Column16118	Column16119	Column16120	Column16121

Column16122	Column16123	Column16124	Column16125	Column16126	Column16127

Column16128	Column16129	Column16130	Column16131	Column16132	Column16133

Column16134	Column16135	Column16136	Column16137	Column16138	Column16139

Column16140	Column16141	Column16142	Column16143	Column16144	Column16145

Column16146	Column16147	Column16148	Column16149	Column16150	Column16151

Column16152	Column16153	Column16154	Column16155	Column16156	Column16157

Column16158	Column16159	Column16160	Column16161	Column16162	Column16163

Column16164	Column16165	Column16166	Column16167	Column16168	Column16169

Column16170	Column16171	Column16172	Column16173	Column16174	Column16175

Column16176	Column16177	Column16178	Column16179	Column16180	Column16181

Column16182	Column16183	Column16184	Column16185	Column16186	Column16187

Column16188	Column16189	Column16190	Column16191	Column16192	Column16193

Column16194	Column16195	Column16196	Column16197	Column16198	Column16199

Column16200	Column16201	Column16202	Column16203	Column16204	Column16205

Column16206	Column16207	Column16208	Column16209	Column16210	Column16211

Column16212	Column16213	Column16214	Column16215	Column16216	Column16217

Column16218	Column16219	Column16220	Column16221	Column16222	Column16223

Column16224	Column16225	Column16226	Column16227	Column16228	Column16229

Column16230	Column16231	Column16232	Column16233	Column16234	Column16235

Column16236	Column16237	Column16238	Column16239	Column16240	Column16241

Column16242	Column16243	Column16244	Column16245	Column16246	Column16247

Column16248	Column16249	Column16250	Column16251	Column16252	Column16253

Column16254	Column16255	Column16256	Column16257	Column16258	Column16259

Column16260	Column16261	Column16262	Column16263	Column16264	Column16265

Column16266	Column16267	Column16268	Column16269	Column16270	Column16271

Column16272	Column16273	Column16274	Column16275	Column16276	Column16277

Column16278	Column16279	Column16280	Column16281	Column16282	Column16283

Column16284	Column16285	Column16286	Column16287	Column16288	Column16289

Column16290	Column16291	Column16292	Column16293	Column16294	Column16295

Column16296	Column16297	Column16298	Column16299	Column16300	Column16301

Column16302	Column16303	Column16304	Column16305	Column16306	Column16307

Column16308	Column16309	Column16310	Column16311	Column16312	Column16313

Column16314	Column16315	Column16316	Column16317	Column16318	Column16319

Column16320	Column16321	Column16322	Column16323	Column16324	Column16325

Column16326	Column16327	Column16328	Column16329	Column16330	Column16331

Column16332	Column16333	Column16334	Column16335	Column16336	Column16337

Column16338	Column16339	Column16340	Column16341	Column16342	Column16343

Column16344	Column16345	Column16346	Column16347	Column16348	Column16349

Column16350	Column16351	Column16352	Column16353	Column16354	Column16355

Column16356	Column16357	Column16358	Column16359

Temephos				
Terbufos	**19,596,000**	4,277,000	1,512,000	3,200,000
Tetrachlorvinphos				
Tribufos (def)	**55,499,000**			
Trichlorfon				

1,688,000	3,588,000	994,000	2,491,000	414,000	910,000		331,000	1,000
4,047,000	3,958,000	3,970,000	4,685,000	3,698,000	3,438,000	2,869,000	2,669,000	2,436,000

			78,000				3,000	
2,543,000	1,602,000	1,809,000	2,332,000	2,882,000	2,204,000	1,906,000	1,858,000	1,615,000

109,000							
2,750,000	2,228,000						

1995-2017 Total lbs Applied

AI	Total AI Applied 1995-2017	1995	1996	1997
Carbaryl (I)	488,000			
Carbaryl (G)	2,239,000			
Carbaryl	**2,099,000**	68,000	9,000	61,000
Aldicarb (I)	3,603,000			
Aldicarb (N)	2,481,000			
Aldicarb	**9,381,000**	430,000	849,000	714,000
Oxamyl (I)	619,000			
Oxamyl (N)	405,000			
Oxamyl	**1,733,000**	201,000	64,000	341,000
Formetanate HCl	**208,000**	21,000		8,000
Methomyl	**590,000**	88,000	40,000	41,000
Carbofuran (I)	564,000			
Carbofuran (N)	2,000			
Carbofuran	**1,942,000**	547,000	122,000	479,000
Propoxur	**-**			
Methiocarb	**3,000**			
Thiodicarb	**1,338,000**	619,000	93,000	169,000
Pirimicarb	**3,000**			

1998	1999	2000	2001	2002	2003	2004	2005	2006
(30,000)	(35,000)	(28,000)	(28,000)	(21,000)	(21,000)	(25,000)	(30,000)	(26,000)
(20,000)	(34,000)	(41,000)	(119,000)	(76,000)	(57,000)	(52,000)	(301,000)	(162,000)
30,000	60,000	39,000	112,000	55,000	68,000	77,000	143,000	102,000
(346,000)	(395,000)	(328,000)	(270,000)	(369,000)	(258,000)	(256,000)	(181,000)	(238,000)
(28,000)	(205,000)	(108,000)	(92,000)	(51,000)	(145,000)	(215,000)	(295,000)	(202,000)
1,027,000	631,000	888,000	434,000	420,000	501,000	471,000	491,000	440,000
(67,000)	(53,000)	(76,000)	(36,000)	(26,000)	(28,000)	(31,000)	(21,000)	(31,000)
(3,000)	(6,000)	(9,000)	(6,000)	(8,000)	(13,000)	(11,000)	(26,000)	(28,000)
65,000	95,000	82,000	87,000	21,000	56,000	42,000	65,000	36,000
8,000	8,000	11,000	7,000	11,000	9,000	4,000	7,000	13,000
36,000	27,000	24,000	18,000	24,000	18,000	23,000	15,000	23,000
(80,000)	(91,000)	(48,000)	(42,000)	(34,000)	(38,000)	(40,000)	(30,000)	(27,000)
80,000	188,000	60,000	128,000	40,000	67,000	40,000	50,000	14,000
								1,000
42,000	48,000	14,000	18,000	24,000	8,000	9,000	13,000	15,000

2007	2008	2009	2010	2011	2012	2013	2014	2015
(22,000)	(35,000)	(27,000)	(23,000)	(21,000)	(16,000)	(20,000)	(32,000)	(14,000)
(79,000)	(63,000)	(69,000)	(161,000)	(95,000)	(141,000)	(159,000)	(258,000)	(186,000)
101,000	98,000	63,000	96,000	114,000	157,000	179,000	146,000	113,000
(263,000)	(219,000)	(202,000)	(152,000)	(92,000)	(18,000)	(16,000)		
(222,000)	(161,000)	(185,000)	(290,000)	(178,000)	(29,000)	(16,000)		
486,000	381,000	343,000	468,000	270,000	47,000	32,000		
(38,000)	(29,000)	(11,000)	(31,000)	(23,000)	(39,000)	(27,000)	(21,000)	(19,000)
(19,000)	(25,000)	(21,000)	(21,000)	(40,000)	(38,000)	(36,000)	(31,000)	(40,000)
57,000	55,000	19,000	55,000	63,000	76,000	62,000	83,000	69,000
15,000	17,000	11,000	8,000	8,000	12,000	4,000	2,000	5,000
22,000	24,000	16,000	28,000	23,000	21,000	19,000	22,000	11,000
(31,000)	(30,000)	(65,000)	(18,000)					
		(2,000)						
31,000	20,000	67,000	9,000					
		2,000						
30,000	20,000	36,000	74,000	64,000	2,000	1,000	32,000	<500
	3,000							

2016	2017
22,000	32,000
154,000	142,000
93,000	115,000
3,000	55,000
3,000	55,000
7,000	5,000
9,000	16,000
19,000	20,000
6,000	13,000
16,000	11,000
	7,000

			1995		
AI	GFK	NASS	Total	Rounded	GFK
Acephate	--	1,250,000	1,250,000	1,250,000	--
Azinphos-methyl (AZM)	--	163,380	163,380	163,000	--
Bensulide	--		-	-	--
Cadusafos	--		-	-	--
Chlorethoxyphos	--		-	-	--
Chlorfenvinphos	--		-	-	--
Chlorpyrifos	--	635,458	635,458	635,000	--
Chlorpyrifos-methyl	--		-	-	--
Chlorthiophos	--		-	-	--
Coumaphos	--		-	-	--
DDVP	--		-	-	--
Dialifor	--		-	-	--
Diazinon	--	22,000	22,000	22,000	--
Dicrotophos	--	564,000	564,000	564,000	--
Dimethoate	--	77,344	77,344	77,000	--
Dioxathion	--		-	-	--
Disulfoton	--	269,000	269,000	269,000	--
Ethion	--	160,167	160,167	160,000	--
Ethoprop	--	358,000	358,000	358,000	--
Ethyl Parathion	--		-	-	--
Fenamiphos	--	40,200	40,200	40,000	--
Fenitrothion	--		-	-	--
Fenthion	--		-	-	--
Fonofos	--	440,000	440,000	440,000	--
Fosthiazate	--		-	-	--
Isazophos	--		-	-	--
Isofenphos	--		-	-	--
Malathion	--	317,333	317,333	317,000	--
Methamidophos	--	280,500	280,500	281,000	--
Methidathion	--	5,775	5,775	6,000	--
Methyl Parathion	--	611,336	611,336	611,000	--
Mevinphos	--		-	-	--
Monocrotophos	--		-	-	--
Naled	--	108,400	108,400	108,000	--
Oxydemeton-methyl (ODM)	--		-	-	--
Phorate	--	627,667	627,667	628,000	--
Phosalone	--		-	-	--
Phosmet	--	39,150	39,150	39,000	--
Phosphamidon	--	14,100	14,100	14,000	--
Phostebupirim	--		-	-	--
Pirimiphos-methyl	--		-	-	--
Profenofos	--	1,742,000	1,742,000	1,742,000	--
Propetamphos	--		-	-	--
Sulfotepp	--		-	-	--
Sulprofos	--	173,000	173,000	173,000	--

1996				1997		
NASS	Total	Rounded	GFK	NASS	Total	Rounded
161,778	**161,778**	162,000	--	898,000	**898,000**	898,000
46,929	**46,929**	47,000	--	145,233	**145,233**	145,000
	-	-	--		**-**	-
	-	-	--		**-**	-
	-	-	--	186,000	**186,000**	186,000
	-	-	--		**-**	-
547,115	**547,115**	547,000	--	690,525	**690,525**	691,000
	-	-	--		**-**	-
	-	-	--		**-**	-
	-	-	--		**-**	-
	-	-	--		**-**	-
	-	-	--		**-**	-
12,576	**12,576**	13,000	--	12,400	**12,400**	12,000
433,000	**433,000**	433,000	--	377,000	**377,000**	377,000
43,106	**43,106**	43,000	--	67,511	**67,511**	68,000
	-	-	--		**-**	-
75,314	**75,314**	75,000	--	167,000	**167,000**	167,000
	-	-	--	138,667	**138,667**	139,000
46,825	**46,825**	47,000	--	222,000	**222,000**	222,000
	-	-	--		**-**	-
177,900	**177,900**	178,000	--	33,567	**33,567**	34,000
	-	-	--		**-**	-
	-	-	--		**-**	-
127,020	**127,020**	127,000	--	168,000	**168,000**	168,000
	-	-	--		**-**	-
	-	-	--		**-**	-
	-	-	--		**-**	-
492,722	**492,722**	493,000	--	1,060,257	**1,060,257**	1,060,000
20,900	**20,900**	21,000	--	210,500	**210,500**	211,000
	-	-	--	17,920	**17,920**	18,000
423,430	**423,430**	423,000	--	445,790	**445,790**	446,000
2,350	**2,350**	2,000	--		**-**	-
	-	-	--		**-**	-
7,900	**7,900**	8,000	--	185,000	**185,000**	185,000
5,580	**5,580**	6,000	--		**-**	-
514,000	**514,000**	514,000	--	565,000	**565,000**	565,000
	-	-	--		**-**	-
	-	-	--	60,750	**60,750**	61,000
	-	-	--	3,500	**3,500**	4,000
	-	-	--		**-**	-
	-	-	--		**-**	-
413,000	**413,000**	413,000	--	558,000	**558,000**	558,000
	-	-	--		**-**	-
	-	-	--		**-**	-
	-	-	--		**-**	-

1998				1999		
GFK	NASS	Avg	Rounded	GFK	NASS	Avg
112,098	96,483	**104,291**	104,000	109,089	546,000	**327,545**
65,421	10,582	**38,001**	38,000	59,621	113,433	**86,527**
44,639		**44,639**	45,000	56,391		**56,391**
95,498	122,000	**108,749**	109,000	101,356	89,000	**95,178**
255,516	380,508	**318,012**	318,000	205,466	408,677	**307,071**
22,127	9,305	**15,716**	16,000	26,396	15,556	**20,976**
133,906	268,000	**200,953**	201,000	561,236	576,000	**568,618**
22,909	34,922	**28,915**	29,000	28,924	26,462	**27,693**
28,286	50,564	**39,425**	39,000	32,370	127,333	**79,852**
336,144		**336,144**	336,000	355,883	356,200	**356,042**
	16,550	**16,550**	17,000		331,000	**331,000**
					8,000	**8,000**
	900	**900**	1,000		45,150	**45,150**
	73,743	**73,743**	74,000		30,000	**30,000**
49,275	395,194	**222,234**	222,000	33,891	3,062,760	**1,548,326**
62,097	22,771	**42,434**	42,000	63,897	268,000	**165,949**
17,336		**17,336**	17,000	19,690	5,240	**12,465**
125,797	230,800	**178,299**	178,000	120,476	213,400	**166,938**
353		**353**	<500			
7,141	7,950	**7,546**	8,000	6,849	60,000	**33,425**
9,061	6,650	**7,856**	8,000	13,021		**13,021**
166,825	168,225	**167,525**	168,000	240,382	419,667	**330,024**
				556		**556**
64,837	2,550	**33,693**	34,000	102,038	81,588	**91,813**
					700	**700**
317,335	383,000	**350,168**	350,000	171,879	357,000	**264,440**
21,810	8,000	**14,905**	15,000	1,218		**1,218**

2000				2		
Rounded	GFK	NASS	Avg	Rounded	GFK	NASS
328,000	118,672	87,612	**103,142**	103,000	124,373	1,845,000
87,000	59,598	17,667	**38,632**	39,000	60,533	74,611
56,000	60,315		**60,315**	60,000	48,370	
95,000	31,744	52,000	**41,872**	42,000	10,515	
307,000	282,008	363,447	**322,728**	323,000	193,605	385,250
21,000	21,878	14,600	**18,239**	18,000	23,058	27,713
569,000	409,756	364,000	**386,878**	387,000	532,867	715,000
28,000	28,296	18,474	**23,385**	23,000	22,463	35,325
80,000	19,112	44,840	**31,976**	32,000	15,194	21,000
356,000	116,570		**116,570**	117,000	181,187	105,867
331,000		19,550	**19,550**	20,000		225,000
8,000						
45,000						14,667
30,000						
1,548,000	33,571	1,339,683	**686,627**	687,000	20,725	2,554,943
166,000	51,267	29,600	**40,433**	40,000	34,132	163,000
12,000	13,032		**13,032**	13,000	12,512	4,560
167,000	81,153	172,744	**126,949**	127,000	73,851	310,000
33,000	5,424	12,700	**9,062**	9,000	8,909	
13,000	9,918	11,633	**10,775**	11,000	8,551	
330,000	214,569	146,650	**180,610**	181,000	154,078	256,667
1,000						
92,000	85,903	1,900	**43,902**	44,000	83,624	105,275
1,000						
264,000	393,038	124,000	**258,519**	259,000	138,688	
1,000	17,368		**17,368**	17,000	18,189	

001				2002		
Avg	Rounded	GFK	NASS	Avg	Rounded	GFK
984,687	985,000	123,165	20,911	**72,038**	72,000	120,118
67,572	68,000	56,418	2,183	**29,300**	29,000	74,708
48,370	48,000	46,523		**46,523**	47,000	61,976
10,515	11,000	20,176		**20,176**	20,000	50,780
289,427	289,000	201,449	247,489	**224,469**	224,000	193,306
25,385	25,000	24,652	14,944	**19,798**	20,000	26,685
623,933	624,000	607,931		**607,931**	608,000	568,323
28,894	29,000	27,729	24,300	**26,015**	26,000	21,629
18,097	18,000	16,359	17,967	**17,163**	17,000	14,270
143,527	144,000	129,700		**129,700**	130,000	23,991
225,000	225,000		12,350	**12,350**	12,000	
14,667	15,000		2,200	**2,200**	2,000	
1,287,834	1,288,000	24,299	9,286	**16,792**	17,000	23,951
98,566	99,000	49,900	10,050	**29,975**	30,000	49,553
8,536	9,000	11,378		**11,378**	11,000	7,585
191,926	192,000	56,748	119,500	**88,124**	88,000	46,291
8,909	9,000	11,799	14,500	**13,149**	13,000	35,935
8,551	9,000	9,476	10,220	**9,848**	10,000	10,616
205,372	205,000	129,385	19,400	**74,393**	74,000	102,788
94,449	94,000	94,645		**94,645**	95,000	81,588
138,688	139,000	78,056		**78,056**	78,000	110,599
18,189	18,000					

2003				2004		
NASS	Avg	Rounded	GFK	NASS	Avg	Rounded
2,537,000	**1,328,559**	1,329,000	151,643		**151,643**	152,000
90,138	**82,423**	82,000	48,941		**48,941**	49,000
	61,976	62,000	73,130		**73,130**	73,000
	50,780	51,000	8,027		**8,027**	8,000
398,870	**296,088**	296,000	188,326		**188,326**	188,000
25,944	**26,315**	26,000	23,673		**23,673**	24,000
817,000	**692,661**	693,000	1,390,251		**1,390,251**	1,390,000
29,300	**25,465**	25,000	20,871		**20,871**	21,000
20,000	**17,135**	17,000	17,326		**17,326**	17,000
31,600	**27,795**	28,000	15,836		**15,836**	16,000
170,000	**170,000**	170,000				
100	**100**	100				
2,800	**2,800**	3,000				
700,578	**362,264**	362,000	25,501		**25,501**	26,000
94,500	**72,027**	72,000	54,788		**54,788**	55,000
7,850	**7,718**	8,000	6,713		**6,713**	7,000
80,820	**63,555**	64,000	40,384		**40,384**	40,000
76,000	**55,967**	56,000	11,167		**11,167**	11,000
	10,616	11,000	13,663		**13,663**	14,000
312,000	**207,394**	207,000	117,007		**117,007**	117,000
87,638	**84,613**	85,000	128,305		**128,305**	128,000
145,000	**127,799**	128,000	17,368		**17,368**	17,000

2005				2006		
GFK	NASS	Avg	Rounded	GFK	NASS	Avg
213,900	1,558,500	**886,200**	886,000	234,978	38,268	**136,623**
45,889	71,457	**58,673**	59,000	58,863	100	**29,481**
62,318		**62,318**	62,000	74,059		**74,059**
15,811		**15,811**	16,000	14,110	(D)	**14,110**
174,079	413,973	**294,026**	294,000	181,120	77,871	**129,496**
20,109	13,714	**16,912**	17,000	18,992	14,783	**16,887**
1,052,474	1,090,000	**1,071,237**	1,071,000	1,121,658	(D)	**1,121,658**
24,294	28,625	**26,460**	26,000	16,340	9,154	**12,747**
9,602		**9,602**	10,000	6,341	7,350	**6,845**
1,535		**1,535**	2,000			
	116,000	**116,000**	116,000		13,833	**13,833**
					(D)	
	10,350	**10,350**	10,000		(D)	
					(D)	
					(D)	
23,765	823,722	**423,744**	424,000	19,794	6,722	**13,258**
41,143	74,500	**57,822**	58,000	55,659	10,650	**33,155**
6,144	2,000	**4,072**	4,000	4,699	2,300	**3,499**
54,239	132,500	**93,370**	93,000	33,673	44,500	**39,086**
					(D)	
5,914	38,000	**21,957**	22,000	16,848	3,000	**9,924**
11,123		**11,123**	11,000	13,003	8,667	**10,835**
107,995	88,000	**97,997**	98,000	90,269	30,600	**60,434**
102,908	98,500	**100,704**	101,000	77,149	1,033	**39,091**
					(D)	
78,408	54,000	**66,204**	66,000	33,709		**33,709**
					(D)	

2007				2		
Rounded	GFK	NASS	Avg	Rounded	GFK	NASS
137,000	146,878		**146,878**	147,000	162,488	
29,000	68,005		**68,005**	68,000	51,523	
74,000	63,264		**63,264**	63,000	60,695	
14,000	4,229		**4,229**	4,000	9,962	
129,000	174,893		**174,893**	175,000	231,842	
17,000	17,107		**17,107**	17,000	15,911	
1,122,000	411,326		**411,326**	411,000	398,450	
13,000	21,858		**21,858**	22,000	14,252	
7,000	9,230		**9,230**	9,000	5,757	
14,000						
13,000	29,675		**29,675**	30,000	30,980	
33,000	39,418		**39,418**	39,000	50,701	
3,000	3,242		**3,242**	3,000	4,827	
39,000	36,059		**36,059**	36,000	34,968	
10,000	8,052		**8,052**	8,000	17,853	
11,000	10,245		**10,245**	10,000	11,739	
60,000	93,073		**93,073**	93,000	90,508	
39,000	76,876		**76,876**	77,000	68,997	
34,000	21,737		**21,737**	22,000	19,704	

008				2009		
Avg	Rounded	GFK	NASS	Avg	Rounded	GFK
162,488	162,000	163,522	11,959	**87,740**	88,000	193,058
51,523	52,000	67,912	35,033	**51,473**	51,000	47,673
60,695	61,000	39,268		**39,268**	39,000	36,241
9,962	10,000	18,268		**18,268**	18,000	8,211
231,842	232,000	166,892	40,538	**103,715**	104,000	140,615
			(D)			
15,911	16,000	11,710	4,484	**8,097**	8,000	10,349
398,450	398,000	347,553		**347,553**	348,000	555,512
14,252	14,000	19,847	17,718	**18,782**	19,000	16,162
5,757	6,000	5,870	5,000	**5,435**	5,000	5,473
			(D)			
			6,900	**6,900**	7,000	
			(D)			
			5,800	**5,800**	6,000	
			(D)			
30,980	31,000	13,864	7,837	**10,851**	11,000	32,616
50,701	51,000	31,086	(D)	**31,086**	31,000	23,156
4,827	5,000	2,926	1,740	**2,333**	2,000	2,205
34,968	35,000	26,469	89,000	**57,735**	58,000	17,277
			(D)			
17,853	18,000	10,361	300	**5,330**	5,000	14,101
11,739	12,000	6,878	475	**3,677**	4,000	8,150
90,508	91,000	81,737	(D)	**81,737**	82,000	92,436
68,997	69,000	61,710	34,054	**47,882**	48,000	72,809
19,704	20,000	6,342		**6,342**	6,000	10,306
			(D)			

2010				2011		
NASS	Avg	Rounded	GFK	NASS	Avg	Rounded
185,750	**189,404**	189,000	211,507		**211,507**	212,000
(D)	**47,673**	48,000	45,239		**45,239**	45,000
	36,241	36,000	45,320		**45,320**	45,000
(D)	**8,211**	8,000	6,478		**6,478**	6,000
63,320	**101,967**	102,000	123,865		**123,865**	124,000
7,150	**8,749**	9,000	7,804		**7,804**	8,000
1,093,000	**824,256**	824,000	440,100		**440,100**	440,000
11,915	**14,038**	14,000	23,100		**23,100**	23,000
3,500	**4,487**	4,000	4,411		**4,411**	4,000
16,167	**16,167**	16,000				
(D)						
(D)						
142,581	**87,598**	88,000	22,873		**22,873**	23,000
15,100	**19,128**	19,000	23,499		**23,499**	23,000
	2,205	2,000	4,210		**4,210**	4,000
32,100	**24,688**	25,000	20,578		**20,578**	21,000
(D)						
13,700	**13,900**	14,000	14,902		**14,902**	15,000
14,500	**11,325**	11,000	3,819		**3,819**	4,000
24,000	**58,218**	58,000	125,021		**125,021**	125,000
3,000	**37,905**	38,000	58,848		**58,848**	59,000
(D)	**10,306**	10,000	3,227		**3,227**	3,000

2012				2013		
GFK	NASS	Avg	Rounded	GFK	NASS	Avg
261,877	989,000	**625,439**	625,000	178,499	18,000	**98,249**
12,543		**12,543**	13,000	6,649		**6,649**
46,623		**46,623**	47,000	33,057		**33,057**
12,251		**12,251**	12,000	9,557		**9,557**
140,536	579,750	**360,143**	360,000	149,332	59,000	**104,166**
5,272		**5,272**	5,000	4,893		**4,893**
614,903	(D)	**614,903**	615,000	619,084		**619,084**
26,449	179,500	**102,975**	103,000	18,400		**18,400**
1,601		**1,601**	2,000	6,449	(D)	**6,449**
20,818	(D)	**20,818**	21,000	40,377	(D)	**40,377**
9,417		**9,417**	9,000	7,929		**7,929**
1,985		**1,985**	2,000	3,518		**3,518**
15,843	19,000	**17,422**	17,000	7,988		**7,988**
15,889		**15,889**	16,000	10,627		**10,627**
1,149		**1,149**	1,000	4,417		**4,417**
153,739		**153,739**	154,000	131,525	198,000	**164,763**
37,918		**37,918**	38,000	79,427		**79,427**

2014				2		
Rounded	GFK	NASS	Avg	Rounded	GFK	NASS
98,000	175,885	15,467	**95,676**	96,000	162,077	974,000
7,000	3,759	(D)	**3,759**	4,000		(D)
33,000	50,967		**50,967**	51,000	49,874	
10,000	27,684	(D)	**27,684**	28,000	10,228	
104,000	147,795	38,913	**93,354**	93,000	148,683	174,719
5,000	7,406	8,700	**8,053**	8,000	7,650	8,500
619,000	401,125		**401,125**	401,000	274,962	665,000
18,000	28,982	10,057	**19,520**	20,000	31,020	17,250
6,000	419	(D)	**419**	500	3,478	
		(D)				(D)
		6,700	**6,700**	7,000		(D)
		(D)				(D)
		(D)				(D)
40,000	33,808	22,475	**28,141**	28,000	26,655	36,155
8,000		(D)				
4,000	777		**777**	1,000	9,157	(D)
8,000	4,499	(D)	**4,499**	4,000	27,072	(D)
11,000	9,486	15,700	**12,593**	13,000	10,699	27,850
4,000	1,080	(D)	**1,080**	1,000	732	
165,000	165,633	(D)	**165,633**	166,000	146,221	21,000
79,000	42,219	1,000	**21,609**	22,000	69,834	38,233

015				2016		
Avg	Rounded	GFK	NASS	Avg	Rounded	GFK
568,038	568,000	220,929	10,550	**115,739**	116,000	288,117
			(D)			
49,874	50,000	57,108		**57,108**	57,000	54,575
10,228	10,000	6,856	(D)	**6,856**	7,000	19,028
161,701	162,000	125,656	44,275	**84,965**	85,000	149,640
8,075	8,000	6,894	22,700	**14,797**	15,000	8,145
469,981	470,000	519,098		**519,098**	519,000	806,114
24,135	24,000	21,491	11,138	**16,314**	16,000	22,023
3,478	3,000	133	(D)	**133**	<500	
			(D)			
			13,800	**13,800**	14,000	
31,405	31,000	28,629	11,633	**20,131**	20,000	19,593
9,157	9,000					2,468
27,072	27,000	3,528		**3,528**	4,000	660
19,275	19,000	7,133	6,000	**6,567**	7,000	21,971
732	1,000	1,129	(D)	**1,129**	1,000	
83,610	84,000	116,918	(D)	**116,918**	117,000	89,621
54,034	54,000	48,066	19,000	**33,533**	34,000	60,548

2017		
NASS	Avg	Rounded
1,321,233	**804,675**	805,000
	54,575	55,000
	19,028	19,000
170,431	**160,035**	160,000
13,267	**10,706**	11,000
525,000	**665,557**	666,000
53,700	**37,861**	38,000
39,870	**29,731**	30,000
(D)	**2,468**	2,000
	660	500
115,800	**68,885**	69,000
(D)	**89,621**	90,000
47,443	**53,995**	54,000

Temephos	--		-	-	--
Terbufos	--	4,277,000	**4,277,000**	4,277,000	--
Tetrachlorvinphos	--		-	-	--
Tribufos (def)	--		-	-	--
Trichlorfon	--		-	-	--

No data from GfK or NASS

	-	-	--		-	-
1,512,433	**1,512,433**	1,512,000	--	3,200,000	**3,200,000**	3,200,000
	-	-	--		-	-
	-	-	--		-	-
	-	-	--		-	-

	1,687,567	**1,687,567**	1,688,000		3,588,000	**3,588,000**
4,047,187		**4,047,187**	4,047,000	3,958,459		**3,958,459**

3,588,000		994,100	**994,100**	994,000		2,491,000
3,958,000	3,970,088		**3,970,088**	3,970,000	4,685,049	

2,491,000	2,491,000		413,950	**413,950**	414,000	
4,685,049	4,685,000	3,697,618		**3,697,618**	3,698,000	3,437,700

909,500	**909,500**	910,000			
	3,437,700	3,438,000	2,868,684	**2,868,684**	2,869,000

	331,000	**331,000**	331,000			1,100	**1,100**
2,669,075		**2,669,075**	2,669,000	2,435,715	(D)		**2,435,715**

1,000					
2,436,000	2,543,019		**2,543,019**	2,543,000	1,601,977

1,601,977	1,602,000	1,809,296

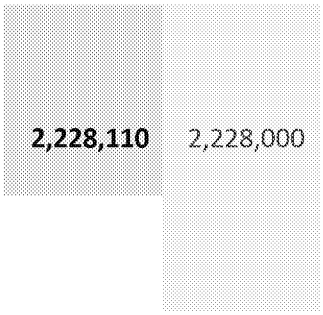
1,809,296	1,809,000	2,332,410

	77,950	**77,950**	78,000			
(D)		**2,332,410**	2,332,000	2,881,723	**2,881,723**	2,882,000

2,204,312	**2,204,312**	2,204,000	1,905,502	**1,905,502**

		3,300	**3,300**	3,000	
1,906,000	1,857,805		**1,857,805**	1,858,000	1,614,963

			109,000	**109,000**	109,000	
1,614,963	1,615,000	2,750,452		**2,750,452**	2,750,000	2,228,110


2,228,110
2,228,000

			1995			1
AI	GFK	NASS	Total	Rounded	GFK	NASS
Carbaryl (I)	--		-	-	--	
Carbaryl (G)	--		-	-	--	
Carbaryl	--	68,467	**68,467**	68,000	--	9,247
Aldicarb (I)	--		-	-	--	
Aldicarb (N)	--		-	-	--	
Aldicarb	--	429,767	**429,767**	430,000	--	848,500
Oxamyl (I)	--		-	-	--	
Oxamyl (N)	--		-	-	--	
Oxamyl	--	201,000	**201,000**	201,000	--	64,450
Formetanate HCl	--	20,700	**20,700**	21,000	--	
Methomyl	--	87,888	**87,888**	88,000	--	40,423
Carbofuran (I)	--		-	-	--	
Carbofuran (N)	--		-	-	--	
Carbofuran	--	547,000	**547,000**	547,000	--	122,025
Propoxur	--		-	-	--	
Methiocarb	--		-	-	--	
Thiodicarb	--	618,500	**618,500**	619,000	--	92,600
Pirimicarb	--		-	-	--	

No data from GfK or NASS

1996				1997			1
Total	Rounded	GFK	NASS	Total	Rounded	GFK	NASS
-	-	--		-	-	30,026	
-	-	--		-	-	19,984	
9,247	9,000	--	61,427	**61,427**	61,000	50,009	10,078
-	-	--		-	-	345,533	
-	-	--		-	-	27,728	
848,500	849,000	--	714,325	**714,325**	714,000	373,261	1,680,000
-	-	--		-	-	67,266	
-	-	--		-	-	3,361	
64,450	64,000	--	340,850	**340,850**	341,000	70,627	59,064
-	-	--	8,250	**8,250**	8,000	7,852	
40,423	40,000	--	40,750	**40,750**	41,000	37,804	33,456
-	-	--		-	-	79,860	
-	-	--		-	-		
122,025	122,000	--	478,700	**478,700**	479,000	79,860	80,244
-	-	--		-	-		
-	-	--		-	-		
92,600	93,000	--	168,500	**168,500**	169,000	45,841	39,056
-	-	--		-	-		

1998				1999			2
Avg	Rounded	GFK	NASS	Avg	Rounded	GFK	NASS
30,026	30,000	34,863		**34,863**	35,000	27,844	
19,984	20,000	33,717		**33,717**	34,000	41,360	
30,044	30,000	68,580	51,709	**60,145**	60,000	69,205	9,468
345,533	346,000	394,995		**394,995**	395,000	328,263	
27,728	28,000	204,925		**204,925**	205,000	107,619	
1,026,630	1,027,000	599,920	661,420	**630,670**	631,000	435,881	1,340,500
67,266	67,000	53,008		**53,008**	53,000	76,254	
3,361	3,000	5,971		**5,971**	6,000	8,667	
64,845	65,000	58,979	130,040	**94,510**	95,000	84,921	78,550
7,852	8,000	9,781	6,871	**8,326**	8,000	11,339	
35,630	36,000	35,634	18,629	**27,131**	27,000	23,454	24,550
79,860	80,000	90,705		**90,705**	91,000	48,078	
80,052	80,000	90,705	285,500	**188,102**	188,000	48,078	72,355
42,448	42,000	36,557	60,000	**48,279**	48,000	9,570	17,544

000				2001			2
Avg	Rounded	GFK	NASS	Avg	Rounded	GFK	NASS
27,844	28,000	28,123		**28,123**	28,000	21,355	
41,360	41,000	118,949		**118,949**	119,000	77,693	
39,336	39,000	147,071	77,455	**112,263**	112,000	99,049	10,147
328,263	328,000	270,216		**270,216**	270,000	369,069	
107,619	108,000	91,561		**91,561**	92,000	50,822	
888,191	888,000	361,777	506,900	**434,339**	434,000	419,891	
76,254	76,000	35,909		**35,909**	36,000	26,386	
8,667	9,000	5,802		**5,802**	6,000	8,409	
81,736	82,000	41,711	131,867	**86,789**	87,000	34,795	7,929
11,339	11,000	7,506	5,825	**6,666**	7,000	10,653	
24,002	24,000	17,394	19,250	**18,322**	18,000	21,160	26,056
48,078	48,000	42,463		**42,463**	42,000	34,193	
60,216	60,000	42,463	213,950	**128,206**	128,000	34,193	45,450
13,557	14,000	8,491	27,000	**17,745**	18,000	12,828	35,080

002				2003			2
Avg	Rounded	GFK	NASS	Avg	Rounded	GFK	NASS
21,355	21,000	21,214		**21,214**	21,000	24,750	
77,693	78,000	56,976		**56,976**	57,000	52,313	
54,598	55,000	78,189	56,910	**67,550**	68,000	77,063	
369,069	369,000	258,020		**258,020**	258,000	255,694	
50,822	51,000	144,836		**144,836**	145,000	215,068	
419,891	420,000	402,856	598,575	**500,716**	501,000	470,762	
26,386	26,000	27,525		**27,525**	28,000	31,343	
8,409	8,000	11,896		**11,896**	12,000	10,587	
21,362	21,000	39,421	72,500	**55,961**	56,000	41,930	
10,653	11,000	5,968	11,667	**8,817**	9,000	4,228	
23,608	24,000	21,827	14,133	**17,980**	18,000	22,830	
34,193	34,000	38,107		**38,107**	38,000	40,170	
39,822	40,000	38,107	96,750	**67,429**	67,000	40,170	
23,954	24,000	7,978		**7,978**	8,000	9,081	

004				2005			2
Avg	Rounded	GFK	NASS	Avg	Rounded	GFK	NASS
24,750	25,000	29,786		**29,786**	30,000	25,610	
52,313	52,000	200,740		**200,740**	201,000	162,034	
77,063	77,000	230,526	55,290	**142,908**	143,000	187,643	15,606
255,694	256,000	181,220		**181,220**	181,000	237,595	
215,068	215,000	295,088		**295,088**	295,000	202,572	
470,762	471,000	476,308	504,825	**490,566**	491,000	440,167	(D)
31,343	31,000	20,821		**20,821**	21,000	30,860	
10,587	11,000	25,707		**25,707**	26,000	27,973	
41,930	42,000	46,528	84,040	**65,284**	65,000	58,833	12,967
4,228	4,000	8,079	6,825	**7,452**	7,000	9,909	16,300
22,830	23,000	21,172	8,980	**15,076**	15,000	20,012	26,475
40,170	40,000	29,562		**29,562**	30,000	26,729	
40,170	40,000	29,562	69,500	**49,531**	50,000	26,729	2,050
							1,375
9,081	9,000	13,004		**13,004**	13,000	2,835	27,550

006				2007			2
Avg	Rounded	GFK	NASS	Avg	Rounded	GFK	NASS
25,610	26,000	21,885		**21,885**	22,000	34,799	
162,034	162,000	79,357		**79,357**	79,000	63,298	
101,625	102,000	101,241		**101,241**	101,000	98,097	
237,595	238,000	263,272		**263,272**	263,000	219,468	
202,572	203,000	222,473		**222,473**	222,000	161,292	
440,167	440,000	485,745		**485,745**	486,000	380,760	
30,860	31,000	37,776		**37,776**	38,000	29,265	
27,973	28,000	19,158		**19,158**	19,000	25,287	
35,900	36,000	56,935		**56,935**	57,000	54,552	
13,105	13,000	14,596		**14,596**	15,000	17,340	
23,244	23,000	22,364		**22,364**	22,000	24,005	
26,729	27,000	30,723		**30,723**	31,000	19,511	
14,389	14,000	30,723		**30,723**	31,000	19,511	
1,375	1,000						
15,192	15,000	29,606		**29,606**	30,000	19,834	
						3,027	

008				2009			2
Avg	Rounded	GFK	NASS	Avg	Rounded	GFK	NASS
34,799	35,000	27,163		**27,163**	27,000	23,110	
63,298	63,000	68,670		**68,670**	69,000	160,598	
98,097	98,000	95,833	30,750	**63,292**	63,000	183,709	7,644
219,468	219,000	202,076		**202,076**	202,000	152,091	
161,292	161,000	184,511		**184,511**	185,000	290,246	
380,760	381,000	386,587	298,767	**342,677**	343,000	442,336	494,000
29,265	29,000	11,322		**11,322**	11,000	31,410	
25,287	25,000	21,105		**21,105**	21,000	20,858	
54,552	55,000	32,427	4,967	**18,697**	19,000	52,268	57,540
17,340	17,000	12,810	9,875	**11,343**	11,000	8,173	
24,005	24,000	25,668	5,729	**15,698**	16,000	21,503	33,600
19,511	20,000	65,349		**65,349**	65,000	17,506	
		1,596		**1,596**	2,000		
19,511	20,000	66,946	(D)	**66,946**	67,000	17,506	1,000
			1,982	**1,982**	2,000		
19,834	20,000	36,461	(D)	**36,461**	36,000	18,820	129,300
3,027	3,000						

010				2011			2
Avg	Rounded	GFK	NASS	Avg	Rounded	GFK	NASS
23,110	23,000	20,846		**20,846**	21,000	15,528	
160,598	161,000	93,397		**93,397**	93,000	141,195	
95,676	96,000	114,243		**114,243**	114,000	156,723	(D)
152,091	152,000	91,857		**91,857**	92,000	17,881	
290,246	290,000	178,403		**178,403**	178,000	29,375	
468,168	468,000	270,260		**270,260**	270,000	47,256	
31,410	31,000	22,609		**22,609**	23,000	38,776	
20,858	21,000	40,136		**40,136**	40,000	37,590	
54,904	55,000	62,745		**62,745**	63,000	76,367	
8,173	8,000	7,923		**7,923**	8,000	12,234	
27,551	28,000	23,488		**23,488**	23,000	20,699	(D)
17,506	18,000						
9,253	9,000						
74,060	74,000	63,682		**63,682**	64,000	2,252	(D)

012				2013			2
Avg	Rounded	GFK	NASS	Avg	Rounded	GFK	NASS
15,528	16,000	20,110		**20,110**	20,000	21,620	
141,195	141,000	158,670		**158,670**	159,000	257,546	
156,723	157,000	178,780	(D)	**178,780**	179,000	279,166	12,213
17,881	18,000	16,340		**16,340**	16,000		
29,375	29,000	15,833		**15,833**	16,000		
47,256	47,000	32,173	(D)	**32,173**	32,000		(D)
38,776	39,000	26,660		**26,660**	27,000	21,215	
37,590	38,000	35,531		**35,531**	36,000	30,936	
76,367	76,000	62,191	(D)	**62,191**	62,000	52,151	114,683
12,234	12,000	3,768		**3,768**	4,000	1,691	(D)
20,699	21,000	18,917	(D)	**18,917**	19,000	16,699	26,886
2,252	2,000	988		**988**	1,000	48	64,600

014				2015			2
Avg	Rounded	GFK	NASS	Avg	Rounded	GFK	NASS
21,620	22,000	13,986		**13,986**	14,000	21,523	
257,546	258,000	185,537		**185,537**	186,000	154,135	
145,689	146,000	199,523	26,709	**113,116**	113,000	175,659	10,620
						3,464	
			(D)			3,464	
21,215	21,000	19,146		**19,146**	19,000	6,546	
30,936	31,000	39,576		**39,576**	40,000	9,078	
83,417	83,000	58,722	79,000	**68,861**	69,000	15,625	22,750
1,691	2,000		5,400	**5,400**	5,000	5,594	
21,792	22,000	15,489	5,920	**10,705**	11,000	17,782	14,993
32,324	32,000	75		**75**	100		(D)

016			2017		
Avg	Rounded	GFK	NASS	Avg	Rounded
21,523	22,000	22,071		**22,071**	22,000
154,135	154,000	112,320		**112,320**	112,000
93,139	93,000	134,391	96,010	**115,201**	115,000
3,464	3,000	55,154		**55,154**	55,000
3,464	3,000	55,154	(D)	**55,154**	55,000
6,546	7,000	4,626		**4,626**	5,000
9,078	9,000	15,802		**15,802**	16,000
19,187	19,000	20,428	(D)	**20,428**	20,000
5,594	6,000	9,923	15,300	**12,612**	13,000
16,387	16,000	14,380	7,360	**10,870**	11,000
		6,521		**6,521**	7,000

List of Ops from 2007 CRA

Pesticide	OPPIN Status
Acephate	Supported
Azinphos-methyl (AZM)	Supported
Bensulide	Supported
Cadusafos	--
Chlorethoxyphos	--
Chlorfenvinphos	Unsupported, Canceled
Chlorpyrifos	Supported
Chlorpyrifos-methyl	--
Chlorthiophos	--
Coumaphos	Supported
DDVP	Supported
Dialifor	Canceled
Diazinon	Supported
Dicrotophos	Supported
Dimethoate	Supported
Dioxathion	Canceled
Disulfoton	Supported
Ethion	Supported
Ethoprop	Supported
Ethyl Parathion	Supported
Fenamiphos	Supported
Fenitrothion	Supported
Fenthion	Supported
Fonofos	Supported
Fosthiazate	--
Isazophos	--
Isofenphos	Supported
Malathion	Supported
Methamidophos	Supported
Methidathion	Supported
Methyl Parathion	--
Mevinphos	Supported
Monocrotophos	Canceled
Naled	Supported
Oxydemeton-methyl (ODM)	Supported
Phorate	Supported
Phosalone	Unsupported
Phosmet	Supported
Phosphamidon	Supported
Phostebupirim	--
Pirimiphos-methyl	Supported
Profenofos	Supported
Propetamphos	Supported
Sulfotepp	Supported
Sulprofos	Supported

Chlorethoxyfos in OPPIN (129006)

O, O-Dimethyl O-(1-isopropyl-5-chloro-1,2,4-triazol-3-yl) phosphorothioate in OPPIN (295900)

Phosphorodithioic acid, O-ethyl O-(4-(methylthio)phenyl) S-propyl ester in OPPIN (111501)

2006 CRA
GfK data
NASS data

Temephos		Supported
Terbufos		Supported
Tetrachlorvinphos		Supported
Tribufos (def)		Supported
Trichlorfon		Supported

List of NMCs from 2006 CRA

Pesticide	OPPIN Status	In 2007 CRA
Carbaryl	Supported	GfK data
Aldicarb	Supported	NASS data
Oxamyl	Supported	
Formetanate HCl	Supported	
Methomyl	Supported	
Carbofuran	Supported	
Propoxur	Supported	
Methiocarb	RED Completed	
Thiodicarb	Supported	
Pirimicarb	--	