# EIIS Pesticide Summary Report: General Information

## Thiamethoxam (060109)

| | Incident # | Date | County | State | Certainty | Legal. | Form. | Appl. Method | Total Magnitude |
|---|---|---|---|---|---|---|---|---|---|
| **PLANTS** | | | | | | | | | |
| *Apple* | | | | | | | | | |
| | I025475-001 | 6/6/2013 | Wayne | NY | 2 | RU | | | |
| *Corn* | | | | | | | | | |
| | I023444-001 | 3/2/2011 | Stearns | MN | 2 | UN | | Seed treatment | 100% of 285 acres |
| *Soybean* | | | | | | | | | |
| | I022450-009 | 11/1/2009 | Buffalo | NE | 2 | UN | | Seed treatment | 50 % of 80 acres |
| **TERRESTRIAL** | | | | | | | | | |
| *No Data* | | | | | | | | | |
| | I023225-007 | 5/11/2011 | | | 3 | UN | | | Thousands |
| | I023902-001 | 4/19/2012 | | IN | 4 | UN | N/R | | 33 colonies |
| | I026799-004 | 4/26/2012 | | | 3 | UN | | | 4 hives |
| | I026799-005 | 5/14/2012 | | | 3 | UN | | | 35 hives |
| | I025176-001 | 5/7/2013 | Grant | MN | 4 | UN | | | Thousands of bees |
| | I025208-001 | 5/14/2013 | Champaign | IL | 3 | UN | | | 45,000 bees/ colony |

| Incident # | Date | County | State | Certainty | Legal. | Form. | Appl. Method | Total Magnitude |
|---|---|---|---|---|---|---|---|---|
| I025665-001 | 6/19/2013 | | ON | 3 | UN | | | Unknown |
| I026468-001 | 5/7/2014 | Wabash | IN | 4 | UN | | | 6 hives |
| *Agricultural area* | | | | | | | | |
| I023737-005 | | | | 4 | UN | | Seed treatment | 50,000 hives |
| I024127-001 | 5/1/2009 | | | 3 | UN | | | N/R |
| I022340-001 | 4/23/2010 | | IN | 2 | UN | | NR | 4 apiaries, 1 hive |
| I022585-001 | 5/15/2010 | | QC | 4 | UN | | | |
| I023225-009 | 4/17/2011 | | | 4 | UN | | | Thousands |
| I023981-001 | 6/1/2011 | | QC | 4 | UN | | N/R | |
| I024031-002 | 4/8/2012 | | ON | 2 | UN | N/R | N/R | |
| I024124-001 | 4/15/2012 | Middlesex | ON | 3 | UN | N/R | N/R | 56000 |
| I024031-001 | 4/17/2012 | | ON | 2 | UN | N/R | N/A | |
| I024031-003 | 4/17/2012 | Huron | ON | 2 | UN | | N/R | 50,000+ bees |
| *cherry orchard* | | | | | | | | |
| I020998-003 | | Chelan | WA | 2 | UN | | | |
| I020998-001 | | Chelan | WA | 2 | RU | | | 4 bee hives |
| *Corn* | | | | | | | | |
| I025350-001 | 6/19/2013 | Gray | ON | 2 | UN | | | 10 hives |
| *Corn, field* | | | | | | | | |



Certainty Code: 0=Unrelated, 1=Unlikely, 2=Possible, 3=Probable, 4=Highly Probable.
Legality Code: RU=Registered Use, M=Misuse, MA=Misuse (Accidental), MI=Misuse (Intentional), U=Unknown.

| Incident # | Date | County | State | Certainty | Legal. | Form. | Appl. Method | Total Magnitude |
|---|---|---|---|---|---|---|---|---|
| I023967-001 | 5/1/2012 | Grant | MN | 2 | UN | | | 1,346 bee hives |
| *Home, interior* | | | | | | | | |
| I025462-001 | 6/19/2013 | Oconee | GA | 3 | M | | | 100 bees |
| *Lemon* | | | | | | | | |
| I027610-001 | 4/11/2015 | Ventura | CA | 2 | RU | | | 400 hives |
| *N/R* | | | | | | | | |
| I025271-001 | 5/15/2013 | Sibley | MN | 4 | M | N/R | N/R | 900-1,000 hives |
| I025875-001 | 10/15/2013 | Tippecanoe | IN | 1 | UN | | | |
| *Orchard* | | | | | | | | |
| I020998-002 | | Chelan | WA | 3 | M | | | |
| *Orchard (unspecified)* | | | | | | | | |
| I020998-005 | | Douglas | WA | 3 | UN | | | |
| I020998-004 | | Chelan | WA | 3 | UN | | | |
| I020998-018 | 4/15/2002 | Yakima | WA | 2 | RU | | | |
| I020998-017 | 4/15/2002 | Yakima | WA | 2 | RU | | | |
| I020998-019 | 4/16/2002 | Yakima | WA | 2 | RU | | | |
| I020998-020 | 4/17/2002 | Yakima | WA | 2 | RU | | | |
| I020998-021 | 4/17/2002 | Yakima | WA | 2 | RU | | | |
| I024173-001 | 6/21/2012 | | NY | 1 | UN | | Air blast | 12 hives |



Certainty Code: 0=Unrelated, 1=Unlikely, 2=Possible, 3=Probable, 4=Highly Probable.
Legality Code: RU=Registered Use, M=Misuse, MA=Misuse (Accidental), MI=Misuse (Intentional), U=Unknown.

| Incident # | Date | County | State | Certainty | Legal. | Form. | Appl. Method | Total Magnitude |
|---|---|---|---|---|---|---|---|---|
| *pear orchard* | | | | | | | | |
| I020998-006 | | Chelan | WA | 3 | UN | | | |
| I020998-016 | 4/12/2002 | Yakima | WA | 2 | RU | | | |

## Terrrestrial

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| *Agricultural area* | | | | | | | | |
| I023225-008 | 4/17/2011 | | | 3 | UN | | | Thousands |

# EIIS Pesticide Summary Report: Species Information

## Thiamethoxam (060109)

| ID # | Species | Scientific Name | Magnitude | Response | Rt. Exposure |
|---|---|---|---|---|---|
| **PLANTS** | | | | | |
| *Apple* | | | | | |
| I025475-001 | | | | | |
| | apple | Melus domestica | varieties | plant damage | Direct contact |
| *Corn* | | | | | |
| I023444-001 | | | | | |
| | corn | Zea mays | 100% of 285 acres | plant damage | Treated directly |
| *Soybean* | | | | | |
| I022450-009 | | | | | |
| | soybean | | 50% of 80 acres | plant damage | Treated directly |
| **TERRESTRIAL** | | | | | |
| *No Data* | | | | | |
| I023225-007 | | | | | |
| | honey bee | Apis millifera | | mortality | Ingestion |
| I023902-001 | | | | | |
| | bee | Apidae | 33 colonies | mortality | Drift |
| I026799-004 | | | | | |
| | honey bee | Apis millifera | 4 hives | mortality | |

| ID # | Species | Scientific Name | Magnitude | Response | Rt. Exposure |
|---|---|---|---|---|---|
| I026799-005 | | | | | |
| | honey bee | Apis millifera | 35 hives | mortality | |
| I025176-001 | | | | | |
| | bee | Apidae | 1,300 hives | mortality | N/R |
| I025208-001 | | | | | |
| | bee | Apidae | 45,000 bees/colony | mortality | N/R |
| I025665-001 | | | | | |
| | honey bee | Apis millifera | unknown | mortality | N/R |
| I026468-001 | | | | | |
| | honey bee | Apis millifera | 6 hives | mortality | N/R |
| *Agricultural area* | | | | | |
| I023737-005 | | | | | |
| | bee | Apidae | 50,000 bee hives | mortality | Drift |
| I024127-001 | | | | | |
| | bee | Apidae | | mortality | |
| I022340-001 | | | | | |
| | bee | Apidae | 4 apiaries, 1 hive | mortality | Drift |
| I022585-001 | | | | | |
| | bee | Apidae | 17 bee colonies | mortality | N/R |
| I023225-009 | | | | | |
| | bee | Apidae | | mortality | Ingestion |
| I023981-001 | | | | | |
| | bee | Apidae | 25 colonies | mortality | N/R |
| I024031-002 | | | | | |
| | bee | Apidae | n/a | mortality | N/R |
| I024124-001 | | | | | |

| ID # | Species | Scientific Name | Magnitude | Response | Rt. Exposure |
|---|---|---|---|---|---|
| | bee | Apidae | 56000 | mortality | N/R |
| I024031-001 | | | | | |
| | bee | Apidae | | mortality | N/R |
| | bee | Apidae | n / a | mortality | Drift, spray |
| | flycatcher | Empidonax sp. | 1 | mortality | N/R |
| | robin | Turidae | 1 | mortality | N/R |
| *Cherry orchard* | | | | | |
| I020998-001 | | | | | |
| | bee | Apidae | 4 hives | mortality | Ingestion |
| | bee | Apidae | | mortality | Ingestion |
| *Corn* | | | | | |
| I025350-001 | | | | | |
| | honey bee | Apis millifera | 10 hives | mortality | N/R |
| *Corn, field* | | | | | |
| I023967-001 | | | | | |
| | bee | Apidae | 1346 hives | mortality | N/R |
| *Home, interior* | | | | | |
| I025462-001 | | | | | |
| | honey bee | Apis millifera | 100 bees | mortality | N/R |
| *Lemon* | | | | | |
| I027610-001 | | | | | |
| | honey bee | Apis millifera | ~134 hives | mortality | N/R |
| *N/R* | | | | | |
| I025271-001 | | | | | |

| ID # | Species | Scientific Name | Magnitude | Response | Rt. Exposure |
|---|---|---|---|---|---|
| | honey bee | Apis millifera | 900-1,000 hives | mortality | N/R |
| I025875-001 | | | | | |
| | honey bee | Apis millifera | | mortality | N/R |
| *Orchard* | | | | | |
| I020998-002 | | | | | |
| | bee | Apidae | | mortality | Ingestion |
| *Orchard (unspecified)* | | | | | |
| I020998-005 | | | | | |
| | bee | Apidae | | mortality | Ingestion |
| | bee | Apidae | | mortality | Ingestion |
| I020998-018 | | | | | |
| | bee | Apidae | | mortality | Ingestion |
| | bee | Apidae | | mortality | Ingestion |
| I020998-019 | | | | | |
| | bee | Apidae | | mortality | Ingestion |
| I020998-021 | | | | | |
| | bee | Apidae | | mortality | Ingestion |
| | bee | Apidae | | mortality | Ingestion |
| I024173-001 | | | | | |
| | bee | Apidae | 12 of 261 hives | mortality | N/R |
| *pear orchard* | | | | | |
| I020998-006 | | | | | |
| | bee | Apidae | | mortality | Ingestion |
| I020998-016 | | | | | |
| | bee | Apidae | | mortality | Ingestion |

| ID # | Species | Scientific Name | Magnitude | Response | Rt. Exposure |
|---|---|---|---|---|---|

## Terrrestrial

*Agricultural area*

1023225-008

| | | | | |
|---|---|---|---|---|
| bee | Apidae | 10% of hives | mortality | Ingestion |