

Feb 2022

Spruzentz

Groundwater Review for New Chemicals

Product contains a new active ingredient (first time product being licensed in Hawaii).

① 15 points

- 1) Product has K_d more than 5 (low laboratory-derived mobility) and low persistence characteristics (e.g. hydrolysis half-life less than 30 days at any pH or aerobic soil metabolism half-life less than 2 weeks). 0 points

$K_d \approx 0.22 \sim 2.3$

hyd 1/2 life $\approx 4.2 - 8.4$

(basic)

572-69

(neutral)

stable

acidic

Product has K_d less than 5 (laboratory-derived mobility) or persistence characteristics (e.g. hydrolysis half-life greater than 30 days at any pH or aerobic soil metabolism half-life greater than 2 weeks) similar to other pesticides found in groundwater as a result of normal label uses. 15 points

② 10 pts

- 2) Total acreage (all uses on EPA stamped approved labels containing the active ingredient) is less than 10,000. 5 points

Total acreage (all uses on EPA stamped approved labels containing the active ingredient) is more than 10,000. 10 points

Spans diversified ag, turf (golf courses), sod farms, landscaping.

③ 10 points.

- 3) Application of the pesticide is made directly to the soil; or pesticide is systemic and acts by moving throughout the plant, including the roots. 10 points

Systemic

some products soil-applied

can be foliar soil appl

Application of the pesticide is made to foliage, indoors, within the drip line of a structure's roof, in bait boxes or other protective devices to shield chemical from the environment, to swimming pools, as a coating for a structure, or other use patterns where contact with soil is minimal. 0 points

35 pts

If score is 30 points or higher at this point, request environmental fate data:

Analysis of chemical data shows that the pesticide is "likely" to leach in areas registered for use, or has groundwater labeling restrictions or advisories based on modeling using Attenuation Factors or charts reflecting the relationship between chemical properties and Hawaiian soils. 15 points

Analysis of chemical data shows that the pesticide is "unlikely". 5 points

+5

40 pts

STOP - no full gw Review Req'd.

Review Action: If there is a score of 45 or more: Submit for review and seek comments on classification: Options include: 1) do not license, 2) Annual Use Permit, or 3) licensed as restricted.

Score of less than 45: license product without a groundwater review.

neonicotinoid.

thiamethoxam → degrades into clothianidin
highly toxic to bees

Sites

Golf courses

Sod farms

Berry group

Brassica leafy veg.

Citrus

Cucurbit

Fruiting veg.

veg. leafy veg.

Pome fruit

Stone fruit

Tropical fruit

Tubers + Corn

Root veg.

Tobacco

> 10,000 acres.

Water Pollution Potential and Criteria for Thiamethoxam

Top ↑

Water Pollution Potential

PAN Ground Water Contaminant Rating Potential

Physical Property Data Related to Water Contamination Potential

<u>Water Solubility</u> (Avg, mg/L)	4,100
<u>Adsorption Coefficient</u> (Koc)	64.0
<u>Hydrolysis Half-life</u> (Avg, Days)	6,080
<u>Aerobic Soil Half-life</u> (Avg, Days)	229.0
<u>Anaerobic Soil Half-life</u> (Avg, Days)	-

Sorry, no water quality standards or criteria have been established for this chemical by the U.S. or Canadian governments; however, there may be criteria established for [related chemicals](#).

Regulatory Information for Thiamethoxam

Top ↑

International Regulatory Status

Registration in Selected Countries



Registration in Selected Countries:

Thiamethoxam

<u>UNEP Persistent Organic Pollutant (POP)</u>	Not Listed
<u>UNEP Prior Informed Consent Chemical (PIC)</u>	Not Listed
<u>WHO Obsolete Pesticide</u>	Not Listed

U.S. and California Regulatory Status

<u>U.S. EPA Registered</u>	Yes
<u>U.S. EPA Hazardous Air Pollutant</u>	Not Listed
<u>U.S. EPA Minimum Risk Pesticide (25b list)</u>	No

*Action levels?
Request from DOT?*

<u>CA Registered</u>	Yes
<u>CA Groundwater Contaminant</u>	Potential
<u>CA Toxic Air Contaminant</u>	Not Listed



Maximum Tolerance and Residue Levels

<u>Codex Alimentarius</u>	Go to web site
(UN FAO Maximum Residue Limits)	
<u>U.S. Maximum Tolerance Levels</u>	Go to web site
<u>European Union Maximum Residue Levels</u>	Go to web site

Hawaii Department of Agriculture
Pesticides Branch

Active Ingredient: Thiamethoxam

Submitted for (registrant): Syngenta Crop Protection

Submitted by: Debra S. Stubbs Oct. 11, 2011
Name Date

Preliminary groundwater data request

1) Kd (mL/g):

2.32, 0.9, 0.71, 0.22, 0.65, 0.79 (MRID 44703502)

2) Koc (mL/g):

77.2, 53.1, 176.7, 43, 38.3, 33.1 (MRID 44703502)

3) Standard Deviation of Koc: 54.44

4) Soil half-life (days):

385 (MRID 44703419)

408 (MRID 44703501)

112 (MRID 44703418)

} *avg 301.67*

① *Koc = 33.1*
T_{1/2} = 408

② *Koc = 176.7*
T_{1/2} 408.

5) Standard deviation of soil half-life (days): 164.66

6) Hydrolysis half-life (days)

MRID 44703417

pH = 5 (25oC); guanidine label: stable

pH = 7 (25oC); guanidine label: 693

pH = 9 (25oC);; guanidine label: 8.4

MRID 44703416

pH = 5 (25oC); thiazolyl label: stable

pH = 7 (25oC); thiazolyl label: 572

pH = 9 (25oC); thiazolyl label: 4.2

*Please email to Christina Bauske

christina.y.bauske@hawaii.gov
(808) 973-9415

HI soils - pH range 4.0-8.0
many <6.0

HAWAII Registration Data

Date of Search: 01/24/12

Time of Search: 21:00

Number of Products Selected: 10

State Data: Federally ACTIVE Registrations Only

HI

Ingredient:

THIAMETHOXAM

	Product Name	EPA Reg. No.	Year	
'11	AGITA 1 GB FLY BAIT (8012.29)	70585-9	2013	indoor household use
	AGITA 10 WG (8012.30)	70585-10	2013	
'06	CRUISER 5FS (9226.461) 2006	100-941	2014	} seed treatment.
	CRUISERMAXX (9226.482)	100-1247	2014	
	CRUISERMAXX ADVANCED (9226.506)	100-1283	2014	
	CRUISERMAXX PLUS (9226.498)	100-1283	2012	
	OPTIGARD ANT GEL BAIT (9226.469)	100-1260	2012	indoor household
	OPTIGARD FLEX LIQUID (9226.478)	100-1306	2013	PCO
'05	OPTIGARD ZT INSECTICIDE (1) (9226.443)	100-1170	2013	
	RAID ANT GEL (9274.572)	100-1261-4822	2013	
*** END OF OUTPUT ***				

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Federal Registration Data

Date of Search: 01/31/12
Time of Search: 20:04

Number of Products Selected: 38

Federal Data: Federally ACTIVE Registrations Only

Site:
ALL AGRICULTURAL CROPS

Ingredient:
THIAMETHOXAM

HELIX XTRA INSECTICIDE WITH FUNGICIDES

EPA REG NO: 100-935
PRODUCT STATUS: ACTIVE

NAME STATUS: PRIMARY NAME

REGISTRANT: SYNGENTA CROP PROTECTION, LLC

seed treat

FORMULATION: SOLUTION-READY TO USE
SIGNAL WORD: CAUTION

TYPES: UNCLASSIFIED
CONDITIONALLY REGISTERED - FIFRA 3(c)7
FUNGICIDE
INSECTICIDE
MITICIDE

PERCENT ACTIVE INGREDIENT
20.7000 Thiamethoxam (60109)
0.1300 Fludioxonil (71503)
0.4000 Metalaxyl-M (113502)
1.2500 Difenconazole (128847)

**** END OF DATA FOR THIS PRODUCT ****

ACTARA INSECTICIDE

EPA REG NO: 100-938
PRODUCT STATUS: ACTIVE

NAME STATUS: PRIMARY NAME

REGISTRANT: SYNGENTA CROP PROTECTION, LLC

*Berry
Brassica leafy*

FORMULATION: WATER DISPERSIBLE GRANULES
SIGNAL WORD: CAUTION

*Citrus
Cucurbit*

TYPES: UNCLASSIFIED
CONDITIONALLY REGISTERED - FIFRA 3(c)7
INSECTICIDE
MITICIDE

*Fruiting veg
Leafy*

PERCENT ACTIVE INGREDIENT
25.0000 Thiamethoxam (60109)

*Pome
Root
Stone
Tropical fruit
Tuberous + Corn*

**** END OF DATA FOR THIS PRODUCT ****

PLATINUM INSECTICIDE

EPA REG NO: 100-939
PRODUCT STATUS: ACTIVE

NAME STATUS: PRIMARY NAME

soil applied

REGISTRANT: SYNGENTA CROP PROTECTION, LLC

FORMULATION: SOLUBLE CONCENTRATE
SIGNAL WORD: CAUTION

*Berry group cucurbit
Brassica leafy Fruiting
Citrus hops leafy*

TYPES: UNCLASSIFIED
CONDITIONALLY REGISTERED - FIFRA 3(c)7
INSECTICIDE
MITICIDE

*Root veg. Tobacco
Tuberous + Corn*

PERCENT ACTIVE INGREDIENT
21.6000 Thiamethoxam (60109)

**** END OF DATA FOR THIS PRODUCT ****

CRUISER INSECTICIDE

EPA REG NO: 100-941
PRODUCT STATUS: ACTIVE

NAME STATUS: PRIMARY NAME

REGISTRANT: SYNGENTA CROP PROTECTION, LLC

seed

FORMULATION: SOLUBLE CONCENTRATE
SIGNAL WORD: CAUTION

TYPES: UNCLASSIFIED
CONDITIONALLY REGISTERED - FIFRA 3(c)7
INSECTICIDE
MITICIDE

PERCENT ACTIVE INGREDIENT
47.6000 Thiamethoxam (60109)

**** END OF DATA FOR THIS PRODUCT ****

FLAGSHIP 0.22G

EPA REG NO: 100-960
PRODUCT STATUS: ACTIVE

NAME STATUS: PRIMARY NAME

REGISTRANT: SYNGENTA CROP PROTECTION, LLC

FORMULATION: GRANULAR
SIGNAL WORD: CAUTION

TYPES: CONDITIONALLY REGISTERED - FIFRA 3(c)7
INSECTICIDE

PERCENT ACTIVE INGREDIENT
0.2200 Thiamethoxam (60109)

**** END OF DATA FOR THIS PRODUCT ****

HELIX INSECTICIDE WITH FUNGICIDES

EPA REG NO: 100-973
PRODUCT STATUS: ACTIVE

NAME STATUS: PRIMARY NAME

*Tropical fruit listed
avocado mango
black sapote papaya
musistel sapadilla*

1/31/12

State Registration Data Search - NSPIRS

REGISTRANT: SYNGENTA CROP PROTECTION, LLC

FORMULATION: SOLUTION-READY TO USE
SIGNAL WORD: CAUTION

TYPES: UNCLASSIFIED
CONDITIONALLY REGISTERED - FIFRA 3(c)7
MITICIDE
INSECTICIDE
FUNGICIDE AND NEMATICIDE

PERCENT ACTIVE INGREDIENT
10.3000 Thiamethoxam (60109)
0.1300 Fludioxonil (71503)
0.3900 Metalaxyl-M (113502)
1.2400 Difenoconazole (128847)

**** END OF DATA FOR THIS PRODUCT ****

PLATINUM RIDOMIL GOLD

EPA REG NO: **100-974** NAME STATUS: PRIMARY NAME
PRODUCT STATUS: ACTIVE

REGISTRANT: SYNGENTA CROP PROTECTION, LLC

FORMULATION: EMULSIFIABLE CONCENTRATE
SIGNAL WORD: WARNING

TYPES: UNCLASSIFIED
CONDITIONALLY REGISTERED - FIFRA 3(c)7
MITICIDE
FUNGICIDE
INSECTICIDE

PERCENT ACTIVE INGREDIENT
4.5000 Thiamethoxam (60109)
9.0000 Metalaxyl-M (113502)

**** END OF DATA FOR THIS PRODUCT ****

CENTRIC 40WG

EPA REG NO: **100-1147** NAME STATUS: PRIMARY NAME
PRODUCT STATUS: ACTIVE

REGISTRANT: SYNGENTA CROP PROTECTION, LLC

FORMULATION: WATER DISPERSIBLE GRANULES
SIGNAL WORD: CAUTION

TYPES: RESTRICTED
CONDITIONALLY REGISTERED - FIFRA 3(c)7
MITICIDE
INSECTICIDE

PERCENT ACTIVE INGREDIENT
40.0000 Thiamethoxam (60109)

**** END OF DATA FOR THIS PRODUCT ****

1/31/12

State Registration Data Search - NSPIRS

CRUISER XL INSECTICIDE AND FUNGICIDE PREPACK

EPA REG NO: **100-1184** NAME STATUS: PRIMARY NAME
PRODUCT STATUS: ACTIVE

REGISTRANT: SYNGENTA CROP PROTECTION, LLC

FORMULATION: EMULSIFIABLE CONCENTRATE
SIGNAL WORD: CAUTION

TYPES: UNCONDITIONALLY REGISTERED - FIFRA 3(c)5
FUNGICIDE
INSECTICIDE

PERCENT ACTIVE INGREDIENT
25.0000 Thiamethoxam (60109)
1.2500 Fludioxonil (71503)
0.5000 Metalaxyl-M (113502)

**** END OF DATA FOR THIS PRODUCT ****

CRUISER EXTREME

EPA REG NO: **100-1208** NAME STATUS: PRIMARY NAME
PRODUCT STATUS: ACTIVE

REGISTRANT: SYNGENTA CROP PROTECTION, LLC

FORMULATION: EMULSIFIABLE CONCENTRATE
SIGNAL WORD: CAUTION

TYPES: CONDITIONALLY REGISTERED - FIFRA 3(c)7
FUNGICIDE

PERCENT ACTIVE INGREDIENT
25.0000 Thiamethoxam (60109)
1.2500 Fludioxonil (71503)
1.0000 Metalaxyl-M (113502)
0.5000 Azoxystrobin (128810)

**** END OF DATA FOR THIS PRODUCT ****

CRUISERMAXX

EPA REG NO: **100-1247** NAME STATUS: PRIMARY NAME
PRODUCT STATUS: ACTIVE

REGISTRANT: SYNGENTA CROP PROTECTION, LLC

FORMULATION: EMULSIFIABLE CONCENTRATE
SIGNAL WORD: CAUTION

TYPES: CONDITIONALLY REGISTERED - FIFRA 3(c)7
FUNGICIDE
INSECTICIDE

PERCENT ACTIVE INGREDIENT
22.6100 Thiamethoxam (60109)
1.1200 Fludioxonil (71503)
1.7000 Metalaxyl-M (113502)

**** END OF DATA FOR THIS PRODUCT ****

1/31/12

State Registration Data Search - NSPIRS

CRUISERMAXX POTATO INSECTICIDE AND FUNGICIDE

EPA REG NO: 100-1248 NAME STATUS: PRIMARY NAME
PRODUCT STATUS: ACTIVE

REGISTRANT: SYNGENTA CROP PROTECTION, LLC

FORMULATION: EMULSIFIABLE CONCENTRATE
SIGNAL WORD: CAUTION

TYPES: CONDITIONALLY REGISTERED - FIFRA 3(c)7
FUNGICIDE
INSECTICIDE

PERCENT ACTIVE INGREDIENT
28.0000 Thiamethoxam (60109)
7.0000 Fludioxonil (71503)

**** END OF DATA FOR THIS PRODUCT ****

ADAGE - MAXIM 4FS TWINPAK

EPA REG NO: 100-1249 NAME STATUS: PRIMARY NAME
PRODUCT STATUS: ACTIVE

REGISTRANT: SYNGENTA CROP PROTECTION, LLC

FORMULATION: SOLUBLE CONCENTRATE
SIGNAL WORD: CAUTION

TYPES: CONDITIONALLY REGISTERED - FIFRA 3(c)7
FUNGICIDE
INSECTICIDE

PERCENT ACTIVE INGREDIENT
47.6000 Thiamethoxam (60109)
40.3000 Fludioxonil (71503)

**** END OF DATA FOR THIS PRODUCT ****

ACTARA 240 SC INSECTICIDE

EPA REG NO: 100-1250 NAME STATUS: PRIMARY NAME
PRODUCT STATUS: ACTIVE

REGISTRANT: SYNGENTA CROP PROTECTION, LLC

FORMULATION: EMULSIFIABLE CONCENTRATE
SIGNAL WORD: CAUTION

TYPES: CONDITIONALLY REGISTERED - FIFRA 3(c)7
INSECTICIDE

PERCENT ACTIVE INGREDIENT
21.6000 Thiamethoxam (60109)

**** END OF DATA FOR THIS PRODUCT ****

ENDIGO ZC

EPA REG NO: 100-1276 NAME STATUS: PRIMARY NAME
PRODUCT STATUS: ACTIVE

REGISTRANT: SYNGENTA CROP PROTECTION, LLC

1/31/12

State Registration Data Search - NSPIRS

FORMULATION: EMULSIFIABLE CONCENTRATE
SIGNAL WORD: WARNING

TYPES: RESTRICTED
CONDITIONALLY REGISTERED - FIFRA 3(c)7
INSECTICIDE

PERCENT ACTIVE INGREDIENT
12.6000 Thiamethoxam (60109)
9.4800 lambda-Cyhalothrin (128897)

**** END OF DATA FOR THIS PRODUCT ****

THX/MXM/FDL CZ

EPA REG NO: 100-1283 NAME STATUS: PRIMARY NAME
PRODUCT STATUS: ACTIVE

REGISTRANT: SYNGENTA CROP PROTECTION, LLC

FORMULATION: WETTABLE POWDER
SIGNAL WORD: CAUTION

TYPES: CONDITIONALLY REGISTERED - FIFRA 3(c)7
INSECTICIDE
FUNGICIDE

PERCENT ACTIVE INGREDIENT
21.5000 Thiamethoxam (60109)
1.0700 Fludioxonil (71503)
3.2100 Metalaxyl-M (113502)

**** END OF DATA FOR THIS PRODUCT ****

PLATINUM 75 SG INSECTICIDE

EPA REG NO: 100-1291 NAME STATUS: PRIMARY NAME
PRODUCT STATUS: ACTIVE

REGISTRANT: SYNGENTA CROP PROTECTION, LLC

FORMULATION: SOLUBLE CONCENTRATE/SOLID
SIGNAL WORD: CAUTION

TYPES: CONDITIONALLY REGISTERED - FIFRA 3(c)7
INSECTICIDE

PERCENT ACTIVE INGREDIENT
75.0000 Thiamethoxam (60109)

**** END OF DATA FOR THIS PRODUCT ****

CRUISER 70 WS INSECTICIDE

EPA REG NO: 100-1294 NAME STATUS: PRIMARY NAME
PRODUCT STATUS: ACTIVE

REGISTRANT: SYNGENTA CROP PROTECTION, LLC

FORMULATION: WETTABLE POWDER
SIGNAL WORD: CAUTION

1/31/12

State Registration Data Search - NSPIRS

TYPES: CONDITIONALLY REGISTERED - FIFRA 3(c)7
INSECTICIDE

PERCENT ACTIVE INGREDIENT
70.0000 Thiamethoxam (60109)

**** END OF DATA FOR THIS PRODUCT ****

CRUISER MAXX CEREALS

EPA REG NO: 100-1305

NAME STATUS: PRIMARY NAME

PRODUCT STATUS: ACTIVE

REGISTRANT: SYNGENTA CROP PROTECTION, LLC

FORMULATION: SOLUTION-READY TO USE
SIGNAL WORD: CAUTION

TYPES: CONDITIONALLY REGISTERED - FIFRA 3(c)7
FUNGICIDE
INSECTICIDE

PERCENT ACTIVE INGREDIENT
2.8000 Thiamethoxam (60109)
0.5600 Metalaxyl-M (113502)
3.3600 Difenconazole (128847)

**** END OF DATA FOR THIS PRODUCT ****

DURIVO

EPA REG NO: 100-1318

NAME STATUS: PRIMARY NAME

PRODUCT STATUS: ACTIVE

REGISTRANT: SYNGENTA CROP PROTECTION, LLC

FORMULATION: SOLUBLE CONCENTRATE
SIGNAL WORD: NO DATA

TYPES: CONDITIONALLY REGISTERED - FIFRA 3(c)7
INSECTICIDE

PERCENT ACTIVE INGREDIENT
17.5000 Thiamethoxam (60109)
8.8000 Chlorantraniliprole (90100)

**** END OF DATA FOR THIS PRODUCT ****

VOLIAM FLEXI INSECTICIDE

EPA REG NO: 100-1319

NAME STATUS: PRIMARY NAME

PRODUCT STATUS: ACTIVE

REGISTRANT: SYNGENTA CROP PROTECTION, LLC

FORMULATION: WATER DISPERSIBLE GRANULES
SIGNAL WORD: CAUTION

TYPES: CONDITIONALLY REGISTERED - FIFRA 3(c)7
INSECTICIDE

PERCENT ACTIVE INGREDIENT
20.0000 Thiamethoxam (60109)

1/31/12

State Registration Data Search - NSPIRS

20.0000 Chlorantraniliprole (90100)

**** END OF DATA FOR THIS PRODUCT ****

AVICTA DUO

EPA REG NO: 100-1321

NAME STATUS: PRIMARY NAME

PRODUCT STATUS: ACTIVE

REGISTRANT: SYNGENTA CROP PROTECTION, LLC

FORMULATION: EMULSIFIABLE CONCENTRATE
SIGNAL WORD: WARNING

TYPES: RESTRICTED
CONDITIONALLY REGISTERED - FIFRA 3(c)7
NEMATICIDE
INSECTICIDE

PERCENT ACTIVE INGREDIENT
28.1000 Thiamethoxam (60109)
12.4000 Abamectin (122804)

**** END OF DATA FOR THIS PRODUCT ****

AGRI-FLEX MITICIDE/INSECTICIDE

EPA REG NO: 100-1350

NAME STATUS: PRIMARY NAME

PRODUCT STATUS: ACTIVE

REGISTRANT: SYNGENTA CROP PROTECTION, LLC

FORMULATION: SOLUBLE CONCENTRATE
SIGNAL WORD: WARNING

TYPES: RESTRICTED
CONDITIONALLY REGISTERED - FIFRA 3(c)7
INSECTICIDE
MITICIDE

PERCENT ACTIVE INGREDIENT
13.9000 Thiamethoxam (60109)
3.0000 Abamectin (122804)

**** END OF DATA FOR THIS PRODUCT ****

AVICTA DUO 250

EPA REG NO: 100-1353

NAME STATUS: PRIMARY NAME

PRODUCT STATUS: ACTIVE

REGISTRANT: SYNGENTA CROP PROTECTION, LLC

FORMULATION: EMULSIFIABLE CONCENTRATE
SIGNAL WORD: WARNING

TYPES: RESTRICTED
CONDITIONALLY REGISTERED - FIFRA 3(c)7
INSECTICIDE
NEMATICIDE

PERCENT ACTIVE INGREDIENT
14.2000 Thiamethoxam (60109)

1/31/12

State Registration Data Search - NSPIRS

11.3000 Abamectin (122804)

**** END OF DATA FOR THIS PRODUCT ****

CRUISER PD INSECTICIDE

EPA REG NO: 100-1365

NAME STATUS: PRIMARY NAME

PRODUCT STATUS: ACTIVE

REGISTRANT: SYNGENTA CROP PROTECTION, LLC

FORMULATION: WETTABLE POWDER

SIGNAL WORD: CAUTION

TYPES: INSECTICIDE

PERCENT ACTIVE INGREDIENT

70.0000 Thiamethoxam (60109)

**** END OF DATA FOR THIS PRODUCT ****

CRUISERMAXX RICE

EPA REG NO: 100-1369

NAME STATUS: PRIMARY NAME

PRODUCT STATUS: ACTIVE

REGISTRANT: SYNGENTA CROP PROTECTION, LLC

FORMULATION: NO DATA

SIGNAL WORD: CAUTION

TYPES: FUNGICIDE

INSECTICIDE

PERCENT ACTIVE INGREDIENT

26.4000 Thiamethoxam (60109)

0.2800 Fludioxonil (71503)

1.6500 Metalaxyl-M (113502)

1.3200 Azoxystrobin (128810)

**** END OF DATA FOR THIS PRODUCT ****

FOUR-WAY VAP

EPA REG NO: 100-1384

NAME STATUS: PRIMARY NAME

PRODUCT STATUS: ACTIVE

REGISTRANT: SYNGENTA CROP PROTECTION, LLC

FORMULATION: EMULSIFIABLE CONCENTRATE

SIGNAL WORD: CAUTION

TYPES: INSECTICIDE

FUNGICIDE

PERCENT ACTIVE INGREDIENT

22.6000 Thiamethoxam (60109)

1.1200 Fludioxonil (71503)

1.7000 Metalaxyl-M (113502)

0.9000 Azoxystrobin (128810)

**** END OF DATA FOR THIS PRODUCT ****

AVICTA COMPLETE CORN 500

1/31/12

State Registration Data Search - NSPIRS

EPA REG NO: 100-1399

NAME STATUS: PRIMARY NAME

PRODUCT STATUS: ACTIVE

REGISTRANT: SYNGENTA CROP PROTECTION, LLC

FORMULATION: EMULSIFIABLE CONCENTRATE

SIGNAL WORD: WARNING

TYPES: RESTRICTED

CONDITIONALLY REGISTERED - FIFRA 3(c)7

NEMATICIDE

INSECTICIDE

FUNGICIDE

PERCENT ACTIVE INGREDIENT

2.3100 Thiabendazole (60101)

23.1000 Thiamethoxam (60109)

0.3000 Fludioxonil (71503)

0.2300 Metalaxyl-M (113502)

10.2000 Abamectin (122804)

0.1200 Azoxystrobin (128810)

**** END OF DATA FOR THIS PRODUCT ****

AVICTA COMPLETE CORN 250

EPA REG NO: 100-1405

NAME STATUS: PRIMARY NAME

PRODUCT STATUS: ACTIVE

REGISTRANT: SYNGENTA CROP PROTECTION, LLC

FORMULATION: SOLUBLE CONCENTRATE

SIGNAL WORD: WARNING

TYPES: RESTRICTED

INSECTICIDE

NEMATICIDE

FUNGICIDE

PERCENT ACTIVE INGREDIENT

2.3400 Thiabendazole (60101)

11.7000 Thiamethoxam (60109)

0.3000 Fludioxonil (71503)

0.2300 Metalaxyl-M (113502)

10.3000 Abamectin (122804)

0.1200 Azoxystrobin (128810)

**** END OF DATA FOR THIS PRODUCT ****

DYNA-SHIELD THIAMETHOXAM FUNGICIDE

EPA REG NO: 34704-939

NAME STATUS: PRIMARY NAME

PRODUCT STATUS: ACTIVE

REGISTRANT: LOVELAND PRODUCTS, INC.

FORMULATION: SOLUBLE CONCENTRATE

SIGNAL WORD: CAUTION

TYPES: INSECTICIDE

1/31/12

State Registration Data Search - NSPIRS

PERCENT ACTIVE INGREDIENT
47.6000 Thiamethoxam (60109)

**** END OF DATA FOR THIS PRODUCT ****

ACTARA INSECTICIDE

EPA REG NO: SLN CO-090004 PARENT EPA NO: 100-938

PRODUCT STATUS: ACTIVE

REGISTRANT: SYNGENTA CROP PROTECTION, LLC

FORMULATION: WATER DISPERSIBLE GRANULES
SIGNAL WORD: NO DATA

TYPES: UNCLASSIFIED
INSECTICIDE
MITICIDE

PERCENT ACTIVE INGREDIENT
25.0000 Thiamethoxam (60109)

**** END OF DATA FOR THIS PRODUCT ****

ENDIGO ZC

EPA REG NO: SLN GA-100004 PARENT EPA NO: 100-1276

PRODUCT STATUS: ACTIVE

REGISTRANT: SYNGENTA CROP PROTECTION, LLC

FORMULATION: EMULSIFIABLE CONCENTRATE
SIGNAL WORD: NO DATA

TYPES: RESTRICTED
INSECTICIDE

PERCENT ACTIVE INGREDIENT
12.6000 Thiamethoxam (60109)
9.4800 lambda-Cyhalothrin (128897)

**** END OF DATA FOR THIS PRODUCT ****

ACTARA

EPA REG NO: SLN NY-020001 PARENT EPA NO: 100-938

PRODUCT STATUS: ACTIVE

REGISTRANT: SYNGENTA CROP PROTECTION, LLC

FORMULATION: WATER DISPERSIBLE GRANULES
SIGNAL WORD: DANGER

TYPES: UNCLASSIFIED
INSECTICIDE
MITICIDE

PERCENT ACTIVE INGREDIENT
25.0000 Thiamethoxam (60109)

**** END OF DATA FOR THIS PRODUCT ****

PLATINUM INSECTICIDE

EPA REG NO: SLN NY-100002 PARENT EPA NO: 100-939

1/31/12

State Registration Data Search - NSPIRS

PRODUCT STATUS: ACTIVE

REGISTRANT: SYNGENTA CROP PROTECTION, LLC

FORMULATION: SOLUBLE CONCENTRATE
SIGNAL WORD: NO DATA

TYPES: UNCLASSIFIED
INSECTICIDE
MITICIDE

PERCENT ACTIVE INGREDIENT
21.6000 Thiamethoxam (60109)

**** END OF DATA FOR THIS PRODUCT ****

ENDIGO ZC

EPA REG NO: SLN NY-100005 PARENT EPA NO: 100-1276

PRODUCT STATUS: ACTIVE

REGISTRANT: SYNGENTA CROP PROTECTION, LLC

FORMULATION: EMULSIFIABLE CONCENTRATE
SIGNAL WORD: NO DATA

TYPES: RESTRICTED
INSECTICIDE

PERCENT ACTIVE INGREDIENT
12.6000 Thiamethoxam (60109)
9.4800 lambda-Cyhalothrin (128897)

**** END OF DATA FOR THIS PRODUCT ****

PLATINUM 75 SG INSECTICIDE

EPA REG NO: SLN NY-100006 PARENT EPA NO: 100-1291

PRODUCT STATUS: ACTIVE

REGISTRANT: SYNGENTA CROP PROTECTION, LLC

FORMULATION: SOLUBLE CONCENTRATE/SOLID
SIGNAL WORD: NO DATA

TYPES: INSECTICIDE

PERCENT ACTIVE INGREDIENT
75.0000 Thiamethoxam (60109)

**** END OF DATA FOR THIS PRODUCT ****

ACTARA

EPA REG NO: SLN OR-070020 PARENT EPA NO: 100-938

PRODUCT STATUS: ACTIVE

REGISTRANT: SYNGENTA CROP PROTECTION, LLC

FORMULATION: WATER DISPERSIBLE GRANULES
SIGNAL WORD: NO DATA

TYPES: UNCLASSIFIED

1/31/12

State Registration Data Search - NSPIRS

INSECTICIDE
MITICIDE

PERCENT ACTIVE INGREDIENT

25.0000 Thiamethoxam (60109)

**** END OF DATA FOR THIS PRODUCT ****

ENDIGO ZC

EPA REG NO: SLN SC-100001

PARENT EPA NO: 100-1276

PRODUCT STATUS: ACTIVE

REGISTRANT: SYNGENTA CROP PROTECTION, LLC

FORMULATION: EMULSIFIABLE CONCENTRATE

SIGNAL WORD: NO DATA

TYPES: RESTRICTED

INSECTICIDE

PERCENT ACTIVE INGREDIENT

12.6000 Thiamethoxam (60109)

9.4800 lambda-Cyhalothrin (128897)

**** END OF DATA FOR THIS PRODUCT ****

*** END OF OUTPUT ***

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Federal Registration Data

Date of Search: 01/31/12
Time of Search: 20:07

Number of Products Selected: 8

Federal Data: Federally ACTIVE Registrations Only

Site:
TURF

Ingredient:
THIAMETHOXAM

MERIDIAN 25WG
EPA REG NO: **100-943**
PRODUCT STATUS: ACTIVE

NAME STATUS: PRIMARY NAME

REGISTRANT: SYNGENTA CROP PROTECTION, LLC

FORMULATION: WATER DISPERSIBLE GRANULES

TYPES: CONDITIONALLY REGISTERED - FIFRA 3(c)7
INSECTICIDE

PERCENT ACTIVE INGREDIENT
25.0000 Thiamethoxam (60109)

**** END OF DATA FOR THIS PRODUCT ****

MERIDIAN 0.33G
EPA REG NO: **100-961**
PRODUCT STATUS: ACTIVE

NAME STATUS: PRIMARY NAME

REGISTRANT: SYNGENTA CROP PROTECTION, LLC

FORMULATION: GRANULAR

TYPES: CONDITIONALLY REGISTERED - FIFRA 3(c)7
INSECTICIDE

PERCENT ACTIVE INGREDIENT
0.3300 Thiamethoxam (60109)

**** END OF DATA FOR THIS PRODUCT ****

THIAMETHOXAM LAWN & LANDSCAPE 0.33G
EPA REG NO: **100-1288**
PRODUCT STATUS: ACTIVE

NAME STATUS: PRIMARY NAME

REGISTRANT: SYNGENTA CROP PROTECTION, LLC

FORMULATION: GRANULAR

TYPES: CONDITIONALLY REGISTERED - FIFRA 3(c)7
INSECTICIDE

PERCENT ACTIVE INGREDIENT
0.3300 Thiamethoxam (60109)

**** END OF DATA FOR THIS PRODUCT ****

THIAMETHOXAM 0.02/LAMBDA-CYHALOTHRIN

EPA REG NO: **100-1304**

NAME STATUS: PRIMARY NAME

PRODUCT STATUS: ACTIVE

REGISTRANT: SYNGENTA CROP PROTECTION, LLC

FORMULATION: GRANULAR

TYPES: CONDITIONALLY REGISTERED - FIFRA 3(c)7
INSECTICIDE

PERCENT ACTIVE INGREDIENT
0.2000 Thiamethoxam (60109)
0.0400 lambda-Cyhalothrin (128897)

**** END OF DATA FOR THIS PRODUCT ****

THIAMETHOXAM 0.010/LAMBDA-CYHALOTHRIN 0.004 ME RTU

EPA REG NO: **100-1336**

NAME STATUS: PRIMARY NAME

PRODUCT STATUS: ACTIVE

REGISTRANT: SYNGENTA CROP PROTECTION, LLC

FORMULATION: SOLUTION-READY TO USE

TYPES: CONDITIONALLY REGISTERED - FIFRA 3(c)7
INSECTICIDE
MITICIDE

PERCENT ACTIVE INGREDIENT
0.0100 Thiamethoxam (60109)
0.0040 lambda-Cyhalothrin (128897)

**** END OF DATA FOR THIS PRODUCT ****

MERIDIAN 0.20G

EPA REG NO: **100-1341**

NAME STATUS: PRIMARY NAME

PRODUCT STATUS: ACTIVE

REGISTRANT: SYNGENTA CROP PROTECTION, LLC

FORMULATION: GRANULAR

TYPES: CONDITIONALLY REGISTERED - FIFRA 3(c)7
INSECTICIDE
FERTILIZER

PERCENT ACTIVE INGREDIENT
0.2000 Thiamethoxam (60109)

**** END OF DATA FOR THIS PRODUCT ****

MERIDIAN 0.14G

foliar + systemic control
turf, sod farms, landscape
< golf, residential lawns,
comm'l grounds, parks, sod >
Broadcast.

1/31/12

State Registration Data Search - NSPIRS

EPA REG NO: **100-1346** NAME STATUS: PRIMARY NAME
PRODUCT STATUS: ACTIVE

REGISTRANT: SYNGENTA CROP PROTECTION, LLC

FORMULATION: GRANULAR

TYPES: CONDITIONALLY REGISTERED - FIFRA 3(c)7
FERTILIZER
INSECTICIDE

PERCENT ACTIVE INGREDIENT
0.1400 Thiamethoxam (60109)

**** END OF DATA FOR THIS PRODUCT ****

CARAVAN G

EPA REG NO: **100-1415** NAME STATUS: PRIMARY NAME
PRODUCT STATUS: ACTIVE

REGISTRANT: SYNGENTA CROP PROTECTION, LLC

FORMULATION: GRANULAR

TYPES: INSECTICIDE
FUNGICIDE

PERCENT ACTIVE INGREDIENT
0.2200 Thiamethoxam (60109)
0.3100 Azoxystrobin (128810)

**** END OF DATA FOR THIS PRODUCT ****

*** END OF OUTPUT ***

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