

100 - 1247

3/5/2014

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460



OFFICE OF  
CHEMICAL SAFETY AND  
POLLUTION PREVENTION

MAR - 5 2014

Patrick McCain  
Syngenta Crop Protection, Inc.  
P.O. Box 18300  
Greensboro, NC 27419

Dear Mr. McCain:

Subject: Amended label to revise seed bag tag and clarify seed treatment rates  
Product Name: CruiserMaxx  
EPA Registration No. 100-1247  
EPA Decision No. 486000  
Submission dated December 6, 2013; resubmission dated March 4, 2014

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, is acceptable. A stamped copy of the label is enclosed for your records. Please submit one copy of your final printed labeling before you release the product for shipment. Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). If you have any questions, please contact Julie Chao at (703) 308-8735 or [chao.julie@epa.gov](mailto:chao.julie@epa.gov).

Regards,

A handwritten signature in black ink that reads "Venus Eagle". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Venus Eagle, Product Manager 01  
Insecticide-Rodenticide Branch  
Registration Division (7505P)

Enclosure

Master Label

GROUP 4A INSECTICIDE

GROUP 4 | 12 FUNGICIDE

**CruiserMaxx®**

**Insecticide with Fungicides**

A seed treatment product for protection against damage from certain insects, seed-borne diseases, and seedling diseases on legume vegetables (including soybeans)

Active Ingredients:

Thiamethoxam*	22.61%
Mefenoxam**	1.70 %
Fludioxonil***	1.12 %
Other Ingredients:	74.57 %
Total:	100.00%

\*CAS No. 153719-23-4

\*\*CAS No. 70630-17-0 and CAS No. 69516-34-3

\*\*\*CAS No. 131341-86-1

One gallon of CruiserMaxx contains 2.15 lbs thiamethoxam, 0.16 lbs mefenoxam and 0.11 lbs fludioxonil.

**KEEP OUT OF REACH OF CHILDREN.**

**CAUTION**

See additional precautionary statements and directions for use in booklet.

EPA Reg. No. 100-1247  
EPA Est. XXXXX

SCP 1247-MAS 1209

2.5 gallons  
15 gallons  
\_\_\_\_\_gallons

Net Contents

ACCEPTED  
MAR - 5 2014

Under the Federal Insecticide, Fungicide,  
and Rodenticide Act, as amended, for the  
pesticide registered under:

EPA. Reg. No: 100-1247

<b>FIRST AID</b>	
<b>If swallowed</b>	<ul style="list-style-type: none"><li>• Call a poison control center or doctor immediately for treatment advice.</li><li>• Have person sip a glass of water if able to swallow.</li><li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li><li>• Do not give anything by mouth to an unconscious person.</li></ul>
<b>If in eyes</b>	<ul style="list-style-type: none"><li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li><li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
<b>If on skin or clothing</b>	<ul style="list-style-type: none"><li>• Take off contaminated clothing.</li><li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
<b>If inhaled</b>	<ul style="list-style-type: none"><li>• Move person to fresh air.</li><li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li><li>• Call a poison control center or doctor for further treatment advice.</li></ul>
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
<b>HOT LINE NUMBER</b> For 24-Hour Medical Emergency Assistance (Human or Animal) Or Chemical Emergency Assistance (Spill, Leak, Fire or Accident) Call <b>1-800-888-8372</b>	

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**PRECAUTIONARY STATEMENTS**

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**Hazards to Humans and Domestic Animals****CAUTION**

Harmful if swallowed. Wash thoroughly with soap and water after handling, and before eating, drinking, chewing gum, using tobacco, or using the toilet. Causes moderate eye irritation. Avoid contact with eyes, skin, or clothing.

**Personal Protective Equipment (PPE)**

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for Category C on an EPA chemical resistance category selection chart.

**Applicators and other handlers must wear:**

- Long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material – Category C (e.g., barrier laminate, butyl rubber  $\geq 14$  mils, nitrile rubber  $\geq 14$  mils, neoprene rubber  $\geq 14$  mils, polyvinyl chloride [PVC]  $\geq 14$  mils or Viton®  $\geq 14$  mils)
- Shoes plus socks
- Protective eyewear

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions exist for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

### Engineering Control Statements

When handlers use closed systems in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

#### User Safety Recommendations

##### Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

#### Environmental Hazards

This product is toxic to wildlife and highly toxic to aquatic invertebrates.  
Do not contaminate water when disposing of equipment wash water.

#### Physical and Chemical Hazards

Do not use, pour, spill or store near heat or open flame

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**CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY**

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**NOTICE:** Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions, presence of other materials or other influencing factors in the use of the product, which are beyond the control of SYNGENTA CROP PROTECTION, LLC or Seller. To the extent permitted by applicable law, Buyer and User agree to hold SYNGENTA and Seller harmless for any claims relating to such factors.

SYNGENTA warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. To the extent permitted by applicable law: (1) this warranty does not extend to the use of the product contrary to label instructions, or under conditions not reasonably foreseeable to or beyond the control of Seller or SYNGENTA, and (2) Buyer and User assume the risk of any such use. **TO THE EXTENT PERMITTED BY APPLICABLE LAW, SYNGENTA MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS WARRANTED BY THIS LABEL.**

To the extent permitted by applicable law in no event shall SYNGENTA be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **TO THE EXTENT PERMITTED BY APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF SYNGENTA AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF SYNGENTA OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

SYNGENTA and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitation of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of SYNGENTA.

## DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

### AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

**Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 48 hours.** Exception: If the seed is treated with the product and the treated seed is soil-injected or soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water is:

- Coveralls
- Chemical-resistant gloves made of any waterproof material – Category C (e.g., barrier laminate, butyl rubber  $\geq 14$  mils, nitrile rubber  $\geq 14$  mils, neoprene rubber  $\geq 14$  mils, polyvinyl chloride [PVC]  $\geq 14$  mils or Viton®  $\geq 14$  mils)
- Shoes plus socks
- Protective eyewear

**FAILURE TO FOLLOW THE DIRECTIONS FOR USE AND PRECAUTIONS ON THIS LABEL MAY RESULT IN CROP INJURY, POOR INSECT AND/OR DISEASE CONTROL, AND/OR ILLEGAL RESIDUES.**

Treatment of highly mechanically scarred or damaged seed, or seed known to be of low vigor and poor quality may result in reduced germination and/or reduction of seed and seedling vigor. Treat a quantity of seed using equipment similar to that planned for treating the total seed lot. Prior to treatment, conduct germination tests on a portion of seed before committing the total seed lot to a selected seed treatment.

Due to seed quality, crop or variety sensitivity, and seed storage conditions beyond the control of Syngenta, no claims are made to guarantee the germination of seed or propagating material for all crop seed when treated with CruiserMaxx.

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**USE INFORMATION**

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CruiserMaxx is a seed treatment product containing the active ingredients: thiamethoxam (insecticide) and fludioxonil and mefenoxam fungicides. CruiserMaxx protects against damage from certain early season insects, soil-borne and seed-borne diseases of crop plants.

Thiamethoxam is a systemic seed treatment insecticide belonging to the neoticotinoid class of chemistry. Thiamethoxam protects against certain chewing and sucking insects through contact and ingestion.

Mefenoxam fungicide is active against *Pythium*, *Phytophthora* and systemic downy mildew.

Fludioxonil fungicide is active against *Fusarium*, *Rhizoctonia*, and suppresses seed-borne *Sclerotinia* and *Phomopsis* species.

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**MIXING PROCEDURES**

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**Important:** Always re-circulate CruiserMaxx thoroughly before using.

The typical density of CruiserMaxx is 9.51 pounds per gallon. Consult the manufacturer of the application equipment you plan to use for suitability for this application and for instructions on operation and calibration of the equipment. Follow the manufacturer application instructions for the seed treatment equipment being used.

Apply CruiserMaxx as a water-based slurry utilizing standard slurry seed treatment equipment which provides uniform seed coverage. Uneven or incomplete seed coverage may not give the desired level of disease control. Thoroughly mix the



specified amount of CruiserMaxx into the required amount of water or liquid inoculant for the slurry treater and dilution rate to be used.

Certain crops require addition of inoculants when the seed is treated or planted. CruiserMaxx is compatible with several liquid inoculant products. Consult the maker of the inoculant product and a Syngenta Crop Protection representative for directions before applying CruiserMaxx with inoculants.

Under certain disease conditions, additional amounts of fungicides may be required. When needed, apply additional ApronXL® and Maxim® 4FS according to the **CROP USE DIRECTIONS**. Other tank mix partners may be used with CruiserMaxx; however, the user must consider the use rate, formulation, seed and crop safety factors and compatibility of each product to be mixed when determining the total application volume.

The total application volume must be sufficient to provide desired level of coverage. Dilution is typically done with water or liquid inoculants. The minimum slurry volume to achieve adequate coverage is 4.0 fluid ounces per 100 pounds of seed. More diluent may be required to obtain complete coverage.

Continuous agitation or mixing of the slurry mixture is necessary to prevent settling out of the solution

Allow seed to dry before bagging.

Follow planter manufacturer recommendations for use of talc or other hopper box additives at planting. Seed should be completely dry before adding to planter.

CruiserMaxx contains an EPA approved dye/colorant that imparts an unnatural color to the seed as required by the Federal Seed Act.

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## SEED BAG LABEL REQUIREMENTS

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Federal law requires that bags containing treated seeds shall be labeled with the following statements:

- This seed has been treated with thiamethoxam insecticide and fludioxonil and mefenoxam fungicides.
- Do not use for feed, food, or oil purposes.
- User is responsible for ensuring that the seed bag meets all requirements under the Federal Seed Act.

In addition, the U.S. Environmental Protection Agency requires the following statements on bags containing seeds treated with CruiserMaxx:

- **Ground Water Advisory:** This product has properties and characteristics associated with chemicals detected in ground water. This chemical may leach into the ground water if used in areas where soils are permeable, particularly where the water table is shallow.
- **Pollinator Precautions:** Thiamethoxam is highly toxic to bees, and effects are possible as a result of exposure to translocated residues in blooming crops.
- Store away from feeds and foodstuffs.
- Wear long-sleeved shirt, long pants and chemical resistant gloves when handling treated seed.
- Treated seeds exposed on soil surface may be hazardous to wildlife. Cover or collect treated seeds spilled during loading.
- Dispose of all excess treated seed.
- Do not contaminate water bodies when disposing of planting equipment wash waters.
- Dispose of seed packaging in accordance with local requirements.
- In the event of a crop failure or harvest of a crop grown from CruiserMaxx treated seed, the field may be replanted immediately to alfalfa, *Brassica* (cole) leafy vegetables, cereal grains (including barley, buckwheat, corn, pearl millet, proso millet, oats, popcorn, rice (dry-seeded), rye, sorghum, teosinte, triticale, wheat and wild rice), canola, cotton, cucurbit vegetables, dry bulb onions, fruiting vegetables, legume vegetables (including soybeans), mint (peppermint and spearmint), oil seed crops (rapeseed, Indian rapeseed, Indian mustard seed, field mustard seed, black mustard seed, flax seed, safflower seed, crambe seed and borage seed), peanuts, root vegetables, strawberry, sunflowers, tobacco, and tuberous and corm vegetables. For any other crop, the minimum plant-back interval is 120 days from the date CruiserMaxx treated seed was planted. A cover crop other than the crops listed above that is planted for erosion control or soil improvement may be planted sooner than the 120 day interval; however, the crop may not be grazed or harvested for food or feed.
- Do not allow children, pets, or livestock to have access to treated seed.
- Treated seed must be planted into the soil at a depth greater than 1 inch.

- With the exception of soybeans, do not make any soil or foliar application of products containing thiamethoxam to crops grown from seed treated with CruiserMaxx.
- Do not apply a neonicotinoid insecticide within 45 days of planting soybean seed treated with CruiserMaxx.
- Excess treated seed may be used for ethanol production only if (1) by-products are not used for livestock feed and (2) no measurable residues of pesticide remain in the ethanol by-products that are used in agronomic practice.
- Do not use at a rate that will result in more than 0.083 lb thiamethoxam per acre (37.8 grams a.i./A) per season.
- For peas (all *Pisum* species), this seed has been treated with 25 g thiamethoxam, 1.875 g mefenoxam and 1.25 g fludioxonil per 100 KG seed. For beans (including all *Lupinus*, *Phaseolus*, and *Vigna* species), this seed has been treated with 50 g thiamethoxam, 3.75 g mefenoxam and 2.5 g fludioxonil per 100 KG seed. For soybeans, this seed has been treated with 50 g thiamethoxam, 3.75 g mefenoxam and 2.5 g fludioxonil per 100 KG seed.

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**CROP USE PRECAUTIONS**

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**Resistance Management**

CruiserMaxx contains thiamethoxam, a Group 4A insecticide; mefenoxam, a Group 4 fungicide, and fludioxonil, a Group 12 fungicide.

Some disease organisms and insect pests are known to develop resistance to products after repeated use. Because resistance development cannot be predicted, the use of this product should conform to sound resistance management strategies established for the crop and use area. Syngenta encourages responsible product stewardship to ensure effective long-term control of the insects on this label.

Mefenoxam and fludioxonil have specific modes of action and could be subject to development of insensitive strains of fungi. Development of insensitivity cannot be predicted. Therefore, Syngenta cannot assume liability for crop damage resulting from insensitive strains of fungi. Consult with your State Agricultural Experiment Station or Extension Service Specialist for guidance and ways to control any possible mefenoxam insensitive strains of fungi which may occur.

If resistance to this product develops in your area, this product, or other products with a similar mode of action, may not provide adequate control. If poor performance cannot be attributed to improper application or extreme weather conditions, a resistant strain of insect may be present. If you experience difficulty with control and resistance is a reasonable cause, immediately consult your local company representative or agricultural advisor for the best alternative method of control for your area.

CruiserMaxx contains a Group 4A insecticide (thiamethoxam, belonging to the neonicotinoid class of chemistry). Insect biotypes with acquired or inherent resistance to Group 4A insecticides may eventually dominate the insect population if Group 4A insecticides are used repeatedly as the predominant method of control for targeted species. This may result in partial or total loss of control of those species by thiamethoxam or other Group 4A insecticides.

**In order to maintain susceptibility to this class of chemistry:**

- Avoid using Group 4A insecticides exclusively for season long control of insect species with more than one generation per crop season.
- For insect species with successive or overlapping generations, apply CruiserMaxx or other Group 4A insecticides using a "treatment window" approach. A treatment window is a period of time as defined by the stage of crop development and/or the biology of the pests of concern. Within the treatment window, depending on the length of residual activity, there may either be single or consecutive applications (seed treatment, soil, foliar, unless otherwise stated in the Directions for Use) of the Group 4A insecticides. When using CruiserMaxx seed treatment in the first

treatment window rotate to effective products with a different mode of action in the subsequent treatment window before making additional applications of Group 4A insecticides.

- A treatment window rotation, along with other IPM practices for the crop and use area, is considered an effective strategy for preventing or delaying a pest's ability to develop resistance to this class of chemistry.
- If resistance is suspected, do not reapply CruiserMaxx or any other Group 4A insecticides.

**Other Insect Resistance Management (IRM) practices include:**

- Incorporating IPM techniques into your insect control program.
- Monitoring treated insect populations for loss of field efficacy.
- Using tank-mixtures or premixes with insecticides from a different target site of action group as long as the involved products are all registered for the same crop outlet and effective rates are applied.

**For additional information on Insect Resistance Management:**

- Contact your local extension specialist, certified crop advisor and/or product manufacturer for additional insect resistance management recommendations.
- Visit the Insecticide Resistance Action Committee (IRAC) on the web at: <http://www.irac-online.org/>.

Consult your local pest control advisor or extension office for additional methods for preventing resistance development. Syngenta encourages responsible product stewardship to ensure effective long term control of the fungal and insect pests on this label.

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## **CROP USE DIRECTIONS**

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**NOTE:** When treated according to the following directions for post-planting protection against listed pests, CruiserMaxx will also provide protection during post treatment storage of the seed against damage from the following stored grain insects: Indian Meal Moth (*Plodia interpunctella*), Rice Weevil (*Sitophilus oryza*), Red Flour Beetle (*Tribolium castaneum*), and Lesser Grain Borer (*Rhizopertha dominica*).

If seed to be treated has existing infestations of stored grain insects, it is recommended that the seed be fumigated prior to treating with CruiserMaxx and bagging.

### **Legume Vegetable Group**

**Bean (All *Lupinus* species)** (includes grain, sweet, white, white sweet lupin).

**Bean (All *Phaseolus* species)** (includes black bean, cranberry bean, field bean, great Northern bean, kidney bean, lima bean, navy bean, pinto bean, runner bean, small red bean, snap bean, tepary bean, wax bean, yellow bean)

**Bean (All *Vigna* species)** (includes adzuki bean, asparagus bean, blackeyed pea, catjang, Chinese longbean, cowpea, Crowder pea, moth bean, mung bean, rice bean, southern pea, urd bean, yardlong bean)

**Broad bean (fava bean)**

**Chickpea (garbanzo bean)**

**Guar**

**Jackbean**

**Lablab bean (hyacinth bean)**

**Lentil**

**Pea (All *Pisum* species)** (includes dwarf pea, edible-pod pea, English pea, field pea, garden pea, green pea, snow pea, sugar snap pea)

**Pigeon pea**

**Soybean**

**Sword bean**

When applied according to the **CRUISERMAXX RATE TABLE**, CruiserMaxx provides early season protection against injury by aphids, bean leaf beetle, grape colaspis, leaf miners, leaf hoppers, Mexican bean beetle, seed corn maggot, threecornered alfalfa hopper, thrips, white grubs, and wireworm. CruiserMaxx also protects against pea leaf weevil in peas.

CruiserMaxx provides protection against damping-off and seed borne rots due to *Pythium*, *Phytophthora*, *Fusarium*, *Rhizoctonia* species and early season *Phytophthora* root rot. CruiserMaxx also suppresses seed-borne *Sclerotinia* and *Phomopsis* species.

**When to add additional Apron XL:**

If target fields have a history of high *Phytophthora* pressure, add additional Apron XL as directed in the rate table and the Apron XL label. The additional Apron XL may reduce compatibility with some rhizobia inoculants. Consult with the maker of rhizobia inoculants before adding the additional Apron XL.

For systemic downey mildew protection in all Peas (*Pisum* species), add an additional 1.12 fluid ounces Apron XL per 100 pounds of seed.

**When to add additional Maxim 4FS:**

If fields to be planted with Peas (*Pisum* species) have a high level of *Rhizoctonia* species or *Fusarium* species disease pressure, add additional Maxim 4FS as directed in the rate table.

**CRUISERMAXX RATE TABLE**

Crop	Rate of CruiserMaxx		Additional Apron XL		Additional Maxim 4 FS	
	fl oz per 100 lb seed	grams ai per 100 kg seed	fl oz per 100 lb seed	grams ai per 100 kg seed	fl oz per 100 lb seed	grams ai per 10 kg seed
<b>Peas (All <i>Pisum</i> species) including:</b> dwarf pea edible-pod pea English pea field pea garden pea green pea snow pea sugar snap pea	1.5 fl oz	Thiamethoxam 25 gm	0.08 - 0.56 fl oz	1.875 - 13.125 gm	0.04 fl oz	1.25 gm
		Mefenoxam 1.875 gm				
		Fludioxonil 1.25 gm	1.12 fl oz <sup>1</sup>			
<b>Bean(All <i>Lupinus</i> species) including:</b> grain sweet white white sweet lupin <b>Bean(All <i>Phaseolus</i> species) including):</b> black bean cranberry bean field bean great Northern bean kidney bean lima bean navy bean pinto bean runnerbean snap bean small red bean tepary bean wax bean yellow bean	3.0 fl oz	Thiamethoxam 50 gm	0.16 - 0.48 fl oz	3.75 - 11.25 gm		
		Mefenoxam 3.75 gm				
		Fludioxonil 2.5 gm				

<sup>1</sup>1.12 fl oz for systemic downey mildew protection



**CRUISERMAXX RATE TABLE (continued)**

Crop	Rate of CruiserMaxx			Additional Apron XL		Additional Maxim 4 FS	
	fl oz per 100 lb seed	grams ai per 100 kg seed	fl oz per 100 lb seed	grams ai per 100 kg seed	fl oz per 100 lb seed	grams ai per 10 kg seed	
Bean (All <i>Vigna</i> species) including: adzuki bean asparagus bean blackeyed pea catjang Chinese longbean cowpea Crowder pea moth bean mung bean rice bean southern pea urd bean yardlong bean Broad bean (fava bean) Chickpea (garbanzo bean) Guar Jackbean Lalab bean (hyacinth bean) Lentil Pigeon pea Sword bean	3.0 fl oz	Thiamethoxam 50 gm Mefenoxam 3.75 gm Fludioxonil 2.5 gm	0.16 - 0.48 fl oz	3.75 - 11.25 gm			

**SOYBEAN\***

Rate of CruiserMaxx				Additional Apron XL	
Crop	fl oz per 100 lb seed or fl oz per 140,000 seeds*	grams ai per 100 kg seed	mg ai per seed*	fl oz per 100 lb seed or gm ai per 100 kg	mg ai per seed or fl oz per 1,000 seeds or fl oz per 140,000 seeds
Soybeans	2.95 fl oz per 100 lb seed or 1.38 fl oz per 140,000 seeds	Thiamethoxam 50 Mefenoxam 3.75 Fludioxonil 2.5 Total - 56.25	Total of All Active Ingredients - 0.0850	0.16-0.48 fl oz per 100 lb seed or 3.75-11.25 gm ai per 100 kg seed	0.0057 -0.0170 mg ai per seed or 0.00053-0.0016 fl oz per 1000 seeds or 0.0746-0.224 fl oz per 140,000 seeds

\*The mg ai per seed and fl oz CruiserMaxx per 140,000 seeds rates are based on 3,000 seeds per pound.

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**ROTATIONAL RESTRICTIONS**

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In the event of a crop failure or harvest of a crop grown from CruiserMaxx treated seed, the field may be replanted immediately to alfalfa, *Brassica* (cole) leafy vegetables, cereal grains (including barley, buckwheat, corn, pearl millet, proso millet, oats, popcorn, rice (dry-seeded), rye, sorghum, teosinte, triticale, wheat and wild rice), canola, cotton, cucurbit vegetables, dry bulb onions, fruiting vegetables, leafy vegetables, legume vegetables (including soybeans), mint (peppermint and spearmint), oil seed crops (rapeseed, Indian rapeseed, Indian mustard seed, field mustard seed, black mustard seed, flax seed, safflower seed, crambe seed and borage seed), peanuts, root vegetables, strawberry, sunflowers, tobacco, and tuberous and corm vegetables. For any other crop, the minimum plant-back interval is 120 days from the date CruiserMaxx treated seed was planted. A cover crop other than the crops listed above that is planted for erosion control or soil improvement may be planted sooner than the 120 day interval; however, the crop may not be grazed or harvested for food or feed.

**STORAGE AND DISPOSAL**

Do not contaminate water, food, or feed by storage, disposal, or cleaning of equipment.

**Pesticide Storage**

Store in a cool, dry place. Storage for extended periods above 90°F is not recommended.

For minor spills, leaks, etc., follow all precautions indicated on this label and clean up immediately. Take special care to avoid contamination of equipment and facilities during cleanup procedures and disposal of wastes.

**Pesticide Disposal**

Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. If these wastes cannot be used according to label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance in proper disposal methods.

**Container Handling [less than 5 gallons]**

Non-refillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two

more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by state and local authorities.

**Container Handling** [*Bulk/Mini-Bulk*]

Non-refillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container  $\frac{1}{4}$  full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by state and local authorities, by burning. If burned, stay out of smoke.

**CONTAINER IS NOT SAFE FOR FOOD, FEED, OR DRINKING WATER!**

Apron®, CruiserMaxx®, Maxim®, the ALLIANCE FRAME, the Syngenta Logo and the PURPOSE ICON are Trademarks of a Syngenta Group Company

U.S. Patent 5,852,012

Viton® is a registered trademark of E.I. DuPont de Nemours and Company

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For non-emergency (e.g., current product information), call  
Syngenta Crop Protection at 1-800-334-9481.

Manufactured for :  
Syngenta Crop Protection, LLC  
P.O. Box 18300  
Greensboro, North Carolina 27419-8300

SCP 1247-MAS 1209

(Container Label – 2.5 gal.)

GROUP	4A	INSECTICIDE
GROUP	4   12	FUNGICIDE

**CruiserMaxx®**

**Insecticide with Fungicides**

A seed treatment product for protection against damage from certain insects, seed-borne diseases, and seedling diseases on legume vegetables (including soybeans)

**Active Ingredients:**

Thiamethoxam*	22.61%
Mefenoxam**	1.70 %
Fludioxonil***	1.12 %
<b>Other Ingredients:</b>	<b>74.57 %</b>
<b>Total:</b>	<b>100.00%</b>

\*CAS No. 153719-23-4

\*\*CAS No. 70630-17-0 and CAS No. 69516-34-3

\*\*\*CAS No. 131341-86-1

One gallon of CruiserMaxx contains 2.15 lbs thiamethoxam, 0.16 lbs of mefenoxam and 0.11 lbs fludioxonil.

**KEEP OUT OF REACH OF CHILDREN.**

**CAUTION**

See additional precautionary statements and directions for use in booklet.

**AGRICULTURAL USE REQUIREMENTS**

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. Refer to supplemental labeling under "Agricultural Use Requirements" in the Directions for Use section for information about this standard.

EPA Reg. No. 100-1247  
EPA Est. XXXXX

SCP 1247 MAS 1209

2.5 gallons

Net Contents

**PRECAUTIONARY STATEMENTS****Hazards to Humans and Domestic Animals****CAUTION**

Harmful if swallowed. Wash thoroughly with soap and water after handling, and before eating, drinking, chewing gum, using tobacco, or using the toilet. Causes moderate eye irritation. Avoid contact with eyes, skin, or clothing.

<b>FIRST AID</b>	
<b>If swallowed</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>If in eyes</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If on skin or clothing</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If inhaled</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
<b>HOT LINE NUMBER</b> For 24-Hour Medical Emergency Assistance (Human or Animal) Or Chemical Emergency Assistance (Spill, Leak, Fire or Accident) Call <b>1-800-888-8372</b>	

**Environmental Hazards**

This product is toxic to wildlife and highly toxic to aquatic invertebrates. Do not contaminate water when disposing of equipment wash water.

**Physical and Chemical Hazards**

Do not use, pour, spill or store near heat or open flame

**STORAGE AND DISPOSAL**

Do not contaminate water, food, or feed by storage, disposal, or cleaning of equipment.

**Pesticide Storage**

Store in a cool, dry place. Storage for extended periods above 90°F is not recommended.

For minor spills, leaks, etc., follow all precautions indicated on this label and clean up immediately. Take special care to avoid contamination of equipment and facilities during cleanup procedures and disposal of wastes.

**Pesticide Disposal**

Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. If these wastes cannot be used according to label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance in proper disposal methods.

**Container Handling**

Non-refillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by state and local authorities.

**CONTAINER IS NOT SAFE FOR FOOD, FEED, OR DRINKING WATER!**

CruiserMaxx® and the Syngenta Logo are Trademarks of a Syngenta Group Company.

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Manufactured for :  
Syngenta Crop Protection, LLC  
P.O. Box 18300  
Greensboro, North Carolina 27419-8300

SCP 1247 MAS 1209





(Container Label -15gal. and bulk)

GROUP 4A INSECTICIDE

GROUP 4 | 12 FUNGICIDE

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EPA Reg. No. 100-1247

EPA Est. XXXXX

Product ID XXXXX

SCP 1247-MAS 1209

15 gallons  
\_\_\_\_\_gallons  
Net Contents

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### Physical and Chemical Hazards

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### CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

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**NOTICE:** Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions, presence of other materials or other influencing factors in the use of the product, which are beyond the control of SYNGENTA CROP PROTECTION, LLC or Seller. To the extent permitted by applicable law, Buyer and User agree to hold SYNGENTA and Seller harmless for any claims relating to such factors.

SYNGENTA warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. To the extent permitted by applicable law: (1) this warranty does not extend to the use of the product contrary to label instructions, or under conditions not reasonably foreseeable to or beyond the control of Seller or SYNGENTA, and (2) Buyer and User assume the risk of any such use. **TO THE EXTENT PERMITTED BY APPLICABLE LAW, SYNGENTA MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS WARRANTED BY THIS LABEL.**

To the extent permitted by applicable law, in no event shall SYNGENTA be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **TO THE EXTENT PERMITTED BY APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF SYNGENTA AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE**

**RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF SYNGENTA OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

SYNGENTA and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitation of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of SYNGENTA.

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

**AGRICULTURAL USE REQUIREMENTS**

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**CONTAINER IS NOT SAFE FOR FOOD, FEED, OR DRINKING WATER!**

CruiserMaxx® and the Syngenta logo are trademarks of a Syngenta Group Company.

U.S. Patent 5,852,012

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Manufactured for :  
Syngenta Crop Protection, LLC  
P.O. Box 18300  
Greensboro, North Carolina 27419-8300

SCP 1247 MAS 1209

CruiserMaxx 1247 MAS 1209 AMEND – dt – Version C 03-04-14  
000100-01313C.20131206.CRUISERMAXX-AMEND-1213-VERC-CL.pdf

## CHRON

5/24/06 – New product-Approved with comments. Updated to comply with EPA comments.

6/2/06 – Updated and submitted revised Master label reflecting changes specified in approval letter and email correspondence with EPA

6/7/06 – Notification to change primary brand name to CruiserMaxx. Added protective eye wear to early re-entry PPE.

4/10/09 – Approved Container Handling per PR Notice 2007-4

12/1/09 – Approved with comment – expressed soybean rate to reflect other units (separate table); revised Warranty statement; revised Resistance Mgt section; revised Seed Tag requirements; included approved Container Handling; added manufactured for, corrected Syngenta address, and deleted Syngenta web address 12/4/09-updated to EPA comment.

3-3-11- notification to remove patent numbers-requires no label date code change

10/10/09 – LLC changes.

11/15/13 – Rate changes, rotational crop changes, neonic language, added MOA symbol.