

100-1184

08-27-2009

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

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

AUG 27 2009

Mr. Pat Dinnen  
Syngenta Crop Protection, Inc.  
P. O. Box 18300  
Greensboro, NC 27419-8300

Subject: Revision of Storage and Disposal Statements

Dear Mr. Dinnen:

The Agency is in receipt of your Application(s) for Pesticide Notification under Pesticide Registration Notice (s) (PRN) 2007-4 dated August 10/11 2009 for:

**EPA Registration Number 100-1208**

**EPA Registration Number 100-1184** ✓

**EPA Registration Number 100-973**

**Cruise® Extreme Insecticide and Fungicide Prepack**

**Cruiser® XL**

**Helix™**


The Registration Division (RD) has conducted a review of this request for applicability under PRN 2007-4 and find that the label change(s) requested falls within the scope of PRN 2007-4. The label has been date-stamped "Notification" and will be placed in our records.

If you have any questions, call me at 703 305-5409 or electronically at [daniel.dani@epa.gov](mailto:daniel.dani@epa.gov)

Sincerely,

A handwritten signature in black ink, appearing to be "Dani Daniel".

Dani Daniel  
Registration Division (7505P)  
Insecticide/Rodenticide Branch

	United States	NOTIFICATION	Registration	OPP Identifier Number	
	Environmental Protection Agency			Amendment	Notification
	Washington, DC 20460			<input checked="" type="checkbox"/> Other	

**Application for Pesticide - Section I**

1. Company/Product Number 100-1184	2. EPA Product Manager Venus Eagle	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Cruiser XL Insecticide and Fungicide Prepack	PM# 1	
5. Name and Address of Applicant (Include ZIP Code) Syngenta Crop Protection, Inc. P. O. Box 18300 Greensboro, NC 27419  <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to:  EPA Reg. No. _____  Product Name _____	

**Section - II**

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application. _____
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

**Explanation:** Use additional page(s) if necessary. (For Section I and Section II.)

Notification of label change per PR Notice 2007-4. This Notification is consistent with the guidance of PR Notice 2007-4 and the requirements of EPA's regulations at 40 CFR §§156.10, 156.140, 156.144, 156.146, and 156.156. No other changes have been made to the labeling or the Confidential Statement of Formula for this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if the amended label is not consistent with the requirements of 40 CFR §§156.10, 156.140, 156.144, 156.146, and 156.156, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Syngenta is amending the Storage and Disposal section of the label by Notification according to the directions stated in PR Notice 2007-4.

**Section - III**

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Metal	<input checked="" type="checkbox"/> Plastic
*Certification must be submitted		If "Yes" Unit Packaging wgt.    No. per Container	If "Yes" Unit Packaging wgt.    No. per container	<input type="checkbox"/> Glass	<input type="checkbox"/> Paper
				<input type="checkbox"/> Other (Specify) _____	
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 2.5 gal, 15 gal, and 120 gal		5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product		<input type="checkbox"/> Lithograph	<input type="checkbox"/> Paper glued	<input checked="" type="checkbox"/> Other	Pressure Sensitive
		<input type="checkbox"/> Stenciled			

**Section - IV**

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)					
Name Pat Dinnen		Title Label Group Leader		Telephone No. (Include Area Code) 336-622-2494	
<b>Certification</b>					6. Date Application Received (Stamped)
I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.					
2. Signature <i>Pat Dinnen</i>		3. Title Regulatory Specialist			
4. Typed Name Pat Dinnen		5. Date August 11, 2009			

Syngenta Crop Protection, Inc.  
P.O. Box 18300  
Greensboro, NC 27419-8300  
www.syngenta.com



**FedEx**

August 11, 2009

Document Processing Desk (NOTIF)  
Office of Pesticide Programs (7504P)  
U.S. Environmental Protection Agency  
Room S-4900, One Potomac Yard  
2777 South Crystal Drive  
Arlington, VA 22202-4501

Attention: Ms. Linda Arrington

**SUBJECT: CRUISER® XL INSECTICIDE AND FUNGICIDE PREPACK  
EPA REG. NO. 100-1184  
NOTIFICATION OF LABEL CHANGE PER PR NOTICE 2007-4**

Syngenta Crop Protection, Inc. is submitting Notification for Cruiser XL Insecticide and Fungicide Prepack, EPA Reg. No. 100-1184. Syngenta is amending the Storage and Disposal section of the label by Notification according to the directions stated in PR Notice 2007-4.

Attached are:

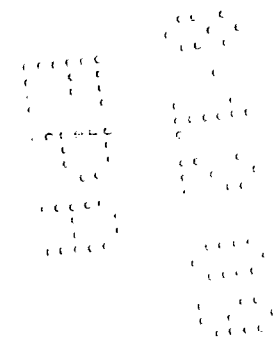
- One copy of the label with the changes clearly marked
- One unmarked copy of the label
- A CD of the unmarked copy of the label for "Electronic Comparison and Review"
- Certificate with Respect to Label Integrity Form
- Completed EPA Form 8570-1

Thank you in advance for approving this Notification. If you have any questions, please contact me at 336-632-2494.

Sincerely,

Pat Dinnen  
Label Group Leader  
Regulatory Affairs

Enclosures



# NOTIFICATION

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Cruiser® XL

Insecticide and Fungicide Prepack

A seed treatment chemical for protection against certain early season insects, seed-borne diseases, and seedling diseases of field corn, popcorn, and sweet corn.

Active Ingredients:	
Thiamethoxam (CAS No. 153719-23-4).....	25.00%
Fludioxonil (CAS No. 131341-86-1) .....	1.25%
Mefenoxam (CAS No. 70630-17-0).....	0.50%
<hr/>	
Other Ingredients:	73.25%
Total:	100.00%

One gallon of Cruiser XL contains 2.58 lbs. thiamethoxam, 0.13 lbs. of fludioxonil and 0.05 lbs. mefenoxam.

**KEEP OUT OF REACH OF CHILDREN.**

## CAUTION

See additional precautionary statements and directions for use in booklet.

EPA Reg. No. 100-1184

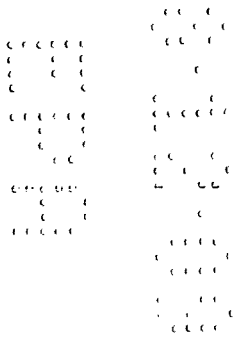
EPA Est.

SCP 1184-M(2-5-04) (2.5 gal.)

SCP 1184-M(2-5-04) (15 gal., 120 gal.)

- 2.5 gallons
- 15 gallons
- 120 gallons

Net Contents



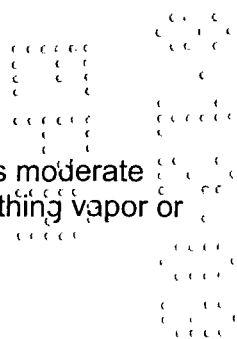
<b>FIRST AID</b>	
<b>If on skin or clothing</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If swallowed</b>	<ul 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 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>
<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>
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>	

**PRECAUTIONARY STATEMENTS**

**Hazards to Humans and Domestic Animals**

**CAUTION**

Harmful if absorbed through the skin, swallowed or inhaled. Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing. Avoid breathing vapor or



spray mist. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before re-use.

**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, nitrile rubber, neoprene rubber, polyvinyl chloride (PVC) or viton).
- Shoes plus socks

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.

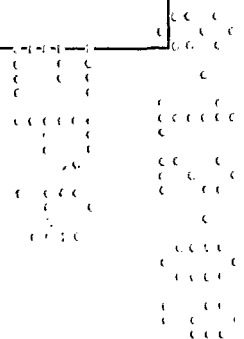
**Engineering Control Statements**

When handlers use closed systems, enclosed cabs, or aircraft 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 should 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, Inc. or Seller. All such risks shall be assumed by Buyer and User, and 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. This warranty does not extend to the use of the product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or SYNGENTA, and Buyer and User assume the risk of any such use. SYNGENTA MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

In no event shall SYNGENTA or Seller be liable for any incidental, consequential or special damages resulting from the use or handling of this product. 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.

Cruiser XL must be used only in accordance with recommendations on this label or in separately published Syngenta supplemental labeling recommendations for this product.

#### 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:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material – Category C (e.g., barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, polyvinyl chloride (PVC) or viton)
- Shoes plus socks

**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, except for the purpose of curative control of existing disease pests, may result in reduced germination and/or reduction of seed and seedling vigor. Treat a small quantity of seed using equipment similar to that planned for treating the total seed lot. Conduct germination tests on a small portion of seed before committing the total seed lot to a selected seed treatment. Due to seed quality and seed storage conditions beyond the control of Syngenta, no claims are made to guarantee the germination of carry-over seed or propagating material for all crop seed.

Follow recommended Syngenta minimum germination guidelines and seed carryover recommendations when treating seed lots.

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## **STORAGE AND DISPOSAL**

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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. Offer for recycling if available. 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 and 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, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

### **Container Handling [greater than 5 gallons]**

Non-refillable container. Do not reuse or refill this container. Offer for recycling if available. 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 ¼ 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 and 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, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

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

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### **GENERAL INFORMATION**

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Cruiser XL, a prepack of the active ingredients of Cruiser (thiamethoxam) insecticide, Maxim® (fludioxonil) and Apron XL® LS (mefenoxam) fungicides, is a seed treatment which protects against damage from certain soil-borne and seed-borne diseases of crop plants and early season insects. The fungicide Maxim (fludioxonil) is active against *Fusarium*, *Rhizoctonia*, seed-borne *Sclerotinia*, *Helminthosporium*, and weakly pathogenic fungi, *Aspergillus* and *Penicillium*. The fungicide Apron XL (mefenoxam) is active against *Pythium*, *Phytophthora* and systemic downy mildew. Under some growing conditions, additional Apron XL LS will be required to control *Pythium*, *Phytophthora*, and systemic downy mildew. The amount of additional Apron XL LS needed will depend on the level of disease pressure. Follow all directions on the Apron XL LS label if mixed with Cruiser XL.

Cruiser (thiamethoxam) is a systemic seed treatment insecticide belonging to the neonicotinoid class of chemistry. Cruiser protects against certain chewing and sucking insects through contact and ingestion. When rate ranges are given, use higher rates when insect pressure is expected to be high.

**The following guidelines may be used to determine the required rate of each product :**

Step 1 – Select the rate of thiamethoxam in Cruiser XL based on the expected level of insect infestation. Use the higher rate of 0.25 mg. active ingredient per kernel if higher levels of early season insects such as wireworm, white grub, seed corn maggot and chinch bug are expected.

Step 2 – If high levels of the Pythium seed rot and damping off is present or expected additional Apron XL LS may need to be applied to the slurry mixture. Consult the Apron XL LS label for appropriate additional rates for field corn, sweet corn, and popcorn.

**Important:** (1) Do not use treated seed for feed, food, or oil. (2) Forage may not be grazed until 30 days after planting.

Federal law requires that bags containing treated seeds shall be labeled with the following information: "This seed has been treated with thiamethoxam insecticide and fludioxonil and mefenoxam fungicides. Do not use for feed, food, or oil purposes. Store away from feeds and foodstuffs. Forage may not be grazed until 30 days after planting."

Use an EPA-approved dye or colorant that imparts an unnatural color to the seed.

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## MIXING PROCEDURES

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**Important:** Always re-circulate Cruiser XL thoroughly before using.

Apply Cruiser XL 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 recommended amount of Cruiser XL into the required amount of water for the slurry treater and dilution rate to be used.

Follow the manufacturer application instructions for the seed treatment equipment being used. Maintain constant agitation of the slurry during the treatment. Allow seed to dry before bagging.

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## CROP USE DIRECTIONS

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### Resistance Management

Cruiser belongs to the neonicotinoid class of chemistry, which is not known to be cross-resistant to any other class of insecticide. However, insect pests are known to develop resistance to products used repeatedly. 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. The following label restrictions must be followed to reduce the chance of resistance development:

- Do not apply a neonicotinoid insecticide to any crop which has been previously treated with a Cruiser seed treatment.

**Note:** The fungicide mefenoxam contained in this product could be subject to development of insensitive strains of fungi or may be ineffective against naturally occurring strains of fungi. Development of insensitivity or natural tolerance cannot be predicted. Therefore, Syngenta cannot assume liability for crop damage resulting from insensitive or tolerant strains of fungi. Consult with your State Agricultural Experiment Station or Extension Service Specialist for guidance and ways to control any possible insensitive or tolerant strains of fungi which may occur.

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 insect pests on this label.

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**CORN: FIELD CORN, SWEET CORN, AND POPCORN**

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Note: If corn seed to be treated with Cruiser XL has existing infestations of stored grain pests, it is recommended that the seed be fumigated prior to treating with Cruiser XL and bagging

Consult your Syngenta Seed Treatment representative for recommendations on slurry additives to use during application of Cruiser XL.

Follow planter manufacturer recommendations for use of talc, graphite, or other hopper box additives at planting.

To provide early season protection of seedlings against injury by wireworm, seed corn maggot, southern corn leaf beetle, chinch bug, flea beetle, white grub, and suppression of cutworm apply thiamethoxam in Cruiser XL at a rate to achieve between 0.125 and 0.25 mg. thiamethoxam per kernel. Each fl. oz. of Cruiser XL contains 9.1 gm. active ingredient of thiamethoxam, 0.45 gm. active ingredient of fludioxonil and 0.18 gm. active ingredient mefenoxam.

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

Do not apply a neonicotinoid insecticide to any crop which has been previously treated with a Cruiser XL seed treatment.

For control of seed-borne and soil-borne fungi that cause seed decay, damping-off, and seedling blight, apply 0.125 mg. active ingredient of thiamethoxam per kernel. If the *Pythium* disease pressure is high, apply an additional 0.0425 fl. oz. of Apron XL LS on field corn and popcorn. For sweet corn, if the *Pythium* disease pressure is high, apply an additional 0.278 to 0.598 fl. oz. per 100 lbs. of seed of Apron XL LS. Follow application and other instructions found on the Apron XL LS product label.

**Note:** If the 0.25 mg. active ingredient rate of thiamethoxam is used for field corn and popcorn, do not apply additional Apron XL LS.

**Rates of Fludioxonil and Mefenoxam Delivered by Cruiser XL Based on Recommended Rates of Thiamethoxam**

Rate of thiamethoxam in mg. active ingredient per kernel	Rate of fludioxonil in fl. oz. per 100 lbs. of seed, if applied as Maxim 4 FS**	Rate of fludioxonil in mg. active ingredient per kernel	Rate of mefenoxam in fl. oz. per 100 lbs. of seed, if applied as Apron XL LS**	Rate of mefenoxam in mg. active ingredient per kernel
0.125	0.08	0.0064	0.0425	0.0025
0.25	0.16	0.0128	0.085	0.005

\*Refer to the **General Information** section for additional guidance on rate selection.

\*\*Calculations based on using an average corn seed count of approximately 1880 seeds per pound.

**Rotational Crops**

Treated areas may be replanted immediately following harvest or as soon as practical following the last application with any crop on this label or to cucurbit vegetables, fruiting vegetables, tuberous and corm vegetables, and tobacco. For all other crops, a 120-day plantback interval must be observed.

Apron XL®, Cruiser® Maxim ® and the Syngenta logo are trademarks of a Syngenta Group Company  
U.S. Patent Nos. 5,852,012 and 6,022,871

©2003 Syngenta

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

Syngenta Crop Protection, Inc.  
Greensboro, North Carolina 27409  
[www.syngenta-us.com](http://www.syngenta-us.com)

SCP 1184A-M(2-5-04) (2.5 gal)  
SCP1184A-M(2-5-04 (15 gal., 120 gal.)

(Container Label – 2.5 gal.)

Cruiser® XL

Insecticide and Fungicide Prepack

A seed treatment chemical for protection against certain early season insects, seed-borne diseases, and seedling diseases of field corn, popcorn, and sweet corn.

Active Ingredients:

Thiamethoxam (CAS No. 153719-23-4).....	25.00%
Fludioxonil (CAS No. 131341-86-1) .....	1.25%
Mefenoxam (CAS No. 70630-17-0).....	0.50%
Other Ingredients:	73.25%
Total:	100.00%

One gallon of Cruiser XL contains 2.58 lbs. thiamethoxam, 0.13 lbs. of fludioxonil and 0.05 lbs. mefenoxam.

**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-xxxxx

EPA Est.

SCP 1184A-M(2-5-04) (2.5 gal.)

2.5 gallons

Net Contents



**PRECAUTIONARY STATEMENTS**

**Hazards to Humans and Domestic Animals**

**CAUTION**

Harmful if absorbed through the skin, swallowed or inhaled. Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing. Avoid breathing vapor or spray mist. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before re-use.

<b>FIRST AID</b>	
<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 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 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>
<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>
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
<p align="center"><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></p>	

**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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**STORAGE AND DISPOSAL**

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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. Offer for recycling if available. 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 and 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, if allowed by state and local authorities, by burning.  
If burned, stay out of smoke.

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

Cruiser® and the Syngenta logo are trademarks of a Syngenta Group Company  
U.S. Patent Nos. 5,852,012 and 6,022,871

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Syngenta Crop Protection, Inc.  
Greensboro, North Carolina 27409  
[www.syngenta-us.com](http://www.syngenta-us.com)

SCP 1184A-M(2-5-04) (2.5 gal.)

20  
24

(Container Label -15gal. and 120gal.)

Cruiser® XL

Insecticide

A seed treatment chemical for protection against certain early season insects, seed-borne diseases, and seedling diseases of field corn, popcorn, and sweet corn.

Active Ingredients:

Thiamethoxam (CAS No. 153719-23-4).....	25.00%
Fludioxonil (CAS No. 131341-86-1) .....	1.25%
Mefenoxam (CAS No. 70630-17-0).....	0.50%
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Other Ingredients:	73.25%
Total:	100.00%

One gallon of Cruiser XL contains 2.58 lbs. thiamethoxam, 0.13 lbs. of fludioxonil and 0.05 lbs. mefenoxam.

**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. 100-1184

EPA Est.

SCP 1184A-M(2-5-04) (15 gal.)  
SCP 1184A-M(2-5-04) (120 gal.)

15 gallons  
120 gallons

Net Contents

## PRECAUTIONARY STATEMENTS

### Hazards to Humans and Domestic Animals

#### CAUTION

Harmful if absorbed through the skin, swallowed or inhaled. Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing. Avoid breathing vapor or spray mist. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before re-use.

<b>FIRST AID</b>	
<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 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 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>
<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>
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

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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 should 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, Inc. or Seller. All such risks shall be assumed by Buyer and User, and 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. This warranty does not extend to the use of the product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or SYNGENTA, and Buyer and User assume the risk of any such use. SYNGENTA MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

In no event shall SYNGENTA or Seller be liable for any incidental, consequential or special damages resulting from the use or handling of this product. 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.

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### **STORAGE AND DISPOSAL**

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

#### **Pesticide Storage**

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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. Offer for recycling if available. 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 ¼ 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, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

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

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Product ID

SCP 1184(2-5-04) (15 gal.)  
SCP 1184(2-5-04) (120 gal.)

CRU XL.1184A-M (2-5-04)-lg-2-10-04  
CRU XL 1184A-M (2-5-04) PRN2007-4 NOTIF-AUG2009 CLEAN – pl – 8/11/09  
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