

100-1283

04/21/2009

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

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

APR 21 2009

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

Subject: Label Notification(s) for Pesticide Registration Notice 2007-4 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 March 24, 2009 for:

**EPA Registration Number 100-896**  
**EPA Registration Number 100-974**

**EPA Registration Number 100-897**  
**EPA Registration Number 100-1283**

**Avid 0.15EC Miticide/Insecticide**  
**Platinum Ridomil Gold™**

**Zephyr® 0.15EC Miticide/Insecticide**  
**THX/MXM/FDL CZ**

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, 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 "Ls1".

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

Please read instructions on reverse before completing form.

	United States <b>Environmental Protection Agency</b> Washington, DC 20460	<b>NOTIFICATION</b>	Registration Amendment Other	OPP Identifier Number Notification
	<b>Application for Pesticide - Section I</b>			
	1. Company/Product Number 100-1283			2. EPA Product Manager Venus Eagle

4. Company/Product (Name) THX/MXM/FDL CZ	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
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 4007-4. 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**

<b>1. Material This Product Will Be Packaged In:</b>				<b>2. Type of Container</b>	
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 <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
*Certification must be submitted		If "Yes" Unit Packaging wgt.    No. per Container	If "Yes" Unit Packaging wgt.    No. per container		
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 2.5 gal., Bulk		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 checked="" type="checkbox"/> Other <u>Pressure Sensitive</u> <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled					

**Section - IV**

<b>1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)</b>		
Name Pat Dinnen	Title Label Group Leader	Telephone No. (include Area Code) 336-632-2494
<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 March 24, 2009	

# Certification with Respect to Label Integrity

Version: 9/11/02

I certify that the information (including, but not limited to, text, tables, and graphics) contained in the electronic file identified below by file name and submitted with this certification is the same information as that on the paper copies of these documents included with this submission.

PROPOSED LABEL		
EPA Registration #	Date Submitted to EPA	Electronic file name
100-1283	03/24/2009	000100-01283.20090324.THX-MXM-FDL-CZ_PRN2007-4_MAR2009.pdf

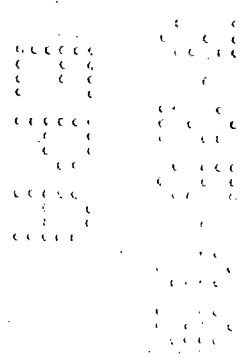
I certify that the statements that I have made on this form are true, accurate, and complete. I acknowledge that any knowingly false or misleading statements may be punishable by fine or imprisonment or both under applicable law.

Pat Dinnen  
Signature

March 24, 2009  
Date

Pat Dinnen  
Name (typed)

Label Group Leader  
Title





NOTIFICATION

5/28

**THX/MXM/FDL CZ**

**Insecticide with Fungicides**

A seed treatment product for protection against damage from certain insects, seed-borne diseases, and seedling diseases on soybean

**Active Ingredients:**

Thiamethoxam*	21.50 %
Mefenoxam**	3.21 %
Fludioxonil***	1.07 %
<b>Other Ingredients:</b>	<b>74.22 %</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 THX/MXM/FDL CZ contains 2.06 lbs. thiamethoxam, 0.31 lbs. mefenoxam and 0.10 lbs. fludioxonil.

**KEEP OUT OF REACH OF CHILDREN.**

**CAUTION**

**See additional precautionary statements and directions for use in booklet.**

EPA Reg. No. 100-1283

EPA Est. XXXXX

SCP 1283A-M(12-11-07)

Net Contents

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

**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 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 washwater.

**Physical and Chemical Hazards**

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



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

**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. Ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, 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. 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, 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.

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## 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, 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 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 THX/MXM/FDL CZ.

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**GENERAL INFORMATION**

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THX/MXM/FDL CZ is a seed treatment product containing the active ingredients: thiamethoxam (insecticide) and fludioxonil and mefenoxam (fungicides). THX/MXM/FDL CZ protects against damage from certain early season insects, soil-borne and seed-borne diseases of soybeans.

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 THX/MXM/FDL CZ thoroughly before using.

The typical density of THX/MXM/FDL CZ is 9.6 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 THX/MXM/FDL CZ 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 THX/MXM/FDL CZ 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. THX/MXM/FDL CZ is compatible with several liquid inoculant products. Consult the maker of the inoculant product and a Syngenta Crop Protection representative for directions before applying THX/MXM/FDL CZ with inoculants.

Under certain disease conditions, additional amounts of fungicides may be required. When needed, apply additional Apron XL LS® according to the **CROP USE DIRECTIONS**. Other tank mix partners may be used with THX/MXM/FDL CZ; 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.

THX/MXM/FDL CZ 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.

In addition, the U.S. Environmental Protection Agency requires the following statements on bags containing seeds treated with THX/MXM/FDL CZ:

- 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.
- Refer to THX/MXM/FDL CZ product label for **Rotational Restrictions**.

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## CROP USE PRECAUTIONS

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### Resistance Management

THX/MXM/FDL CZ contains thiamethoxam insecticide which 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 grown from THX/MXM/FDL CZ treated seed.

THX/MXM/FDL CZ contains the fungicide mefenoxam, a systemic fungicide having a specific mode of action against fungal pathogens.

**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.

## CROP USE DIRECTIONS

When applied according to the **THX/MXM/FDL CZ RATE TABLE**, THX/MXM/FDL CZ provides early season protection against injury by aphids, bean leaf beetle, grape colaspis, leaf miners, leaf hoppers, Mexican bean beetle, seed corn maggot, three cornered alfalfa hopper, thrips, white grubs, and wireworm.

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

### THX/MXM/FDL CZ RATE TABLE

Crop	Rate of THX/MXM/FDL CZ		Optional Treatment	
			Addition of Apron XL LS (See When to Add Additional Apron XL LS* for treatment details.)	
	Fl. oz. per 100 lbs. seed	Grams a.i. per 100 kg. seed	Fl. oz. per 100 lbs. seed	Grams a.i. per 100 kg. seed
<b>Soybean</b>	3.2 fl. oz.	Thiamethoxam 50 gm. Mefenoxam 7.50 gm. Fludioxonil 2.5 gm.	0.16-0.32 fl.oz.	3.75-7.50 gm.

#### \* When to Add Additional Apron XL LS:

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

#### Stored Grain Protection

When treated according to the directions for post-planting protection against listed pests, THX/MXM/FDL CZ will also provide protection during post treatment storage of the soybean 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 the soybean seed to be treated has existing infestations of stored grain insects, it is

recommended that the seed be fumigated prior to treating with THX/MXM/FDL CZ and bagging.

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### **ROTATIONAL RESTRICTIONS**

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In the event of a crop failure or harvest of a crop grown from THX/MXM/FDL CZ treated seed, the field may be replanted immediately to barley, canola, corn, cotton, cucurbit vegetables, 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), root vegetables (except sugarbeets), sorghum, strawberry, sunflowers, tobacco, tuberous and corm vegetables and wheat. For any other crop, the minimum plant-back interval is 120 days from the date THX/MXM/FDL CZ 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.

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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.

#### **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. 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 [Bulk/Mini-Bulk]**

Refillable container. Refill this container with THX/MXM/FDL CZ Insecticide with Fungicides only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the person refilling.

To clean container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or re-circulate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing 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!**

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Apron XL LS®, the Syngenta logo, and the CP FRAME  are trademarks of a Syngenta Group 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, Inc.  
P. O. Box 18300  
Greensboro, North Carolina 27419-8300  
[www.syngenta-us.com](http://www.syngenta-us.com)

SCP 1283A-M(12-11-07)

THX/MXM/FDL CZ 1283A-M(12-11-07) PRN2007-4 NOTIF-MAR2009 – pl – 3/24/09  
000100-01283.20090324.THX-MXM-FDL-CZ\_PRN2007-4\_MAR2009.pdf

(Non-detachable Container Label)

**THX/MXM/FDL CZ**

**Insecticide with Fungicides**

A seed treatment product for protection against damage from certain insects, seed-borne diseases, and seedling diseases on soybean

Active Ingredients:

Thiamethoxam*	21.50 %
Mefenoxam**	3.21 %
Fludioxonil***	1.07 %
<u>Other Ingredients:</u>	<u>74.22 %</u>
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 THX/MXM/FDL CZ contains 2.06 lbs. thiamethoxam, 0.31 lbs. mefenoxam and 0.10 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. 100-1283

EPA Est. XXXXX

SCP 1283A-M(12-11-07)

Net Contents

19/28

### PRECAUTIONARY STATEMENTS

#### Hazards to Humans and Domestic Animals

#### CAUTION

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

<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.

**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. 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 [Bulk/Mini-Bulk]**

Refillable container. Refill container with THX/MXM/FDL CZ Insecticide with Fungicides only. Do not reuse the container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the person refilling.

To clean container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full

with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing 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 approved by state and local authorities.

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

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U.S. Patent No. xxxxxxxx

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Manufactured for :

Syngenta Crop Protection, Inc.

P.O. Box 18300

Greensboro, North Carolina 27419-8300

[www.syngenta-us.com](http://www.syngenta-us.com)

SCP 1283A-M(12-11-07)

THX/MXM/FDL CZ 1283(12-11-07) PRN2007-4 NOTIF-MAR2009 – pl – 3/24/09  
000100-01283.20090324.THX-MXM-FDL-CZ\_PRN2007-4\_MAR2009.pdf

22/28

(Non-detachable Container Label - Bulk)

**THX/MXM/FDL CZ**

**Insecticide with Fungicides**

A seed treatment product for protection against damage from certain insects, seed-borne diseases, and seedling diseases on soybean

**Active Ingredients:**

Thiamethoxam* .....	21.50 %
Mefenoxam** .....	3.21 %
Fludioxonil*** .....	1.07 %
<b>Other Ingredients:</b> .....	<b>74.22 %</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 THX/MXM/FDL CZ contains 2.06 lbs. thiamethoxam, 0.31 lbs. mefenoxam and 0.10 lbs. fludioxonil.

**KEEP OUT OF REACH OF CHILDREN.**

**CAUTION**

**See additional precautionary statements and directions for use in booklet.**

EPA Reg. No. 100-1283

EPA Est. XXXXX

SCP1283-M(12-11-07)

\_\_\_\_\_gallons  
Net Contents

### PRECAUTIONARY STATEMENTS

#### Hazards to Humans and Domestic Animals

#### CAUTION

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

<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 washwater.

**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. Ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, 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. 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, 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.

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### **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. Refer to supplemental labeling under "Agricultural Use Requirements" in the Directions for Use section for information about this standard.

### **STORAGE AND DISPOSAL**

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

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U.S. Patent No. xxxxxxxx

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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, Inc.  
P.O. Box 18300  
Greensboro, North Carolina 27419-8300  
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THX/MXM/FDL CZ 1283A-M(12-11-07) PRN2007-4 NOTIF-MAR2009 – pl – 3/24/09  
000100-01283.20090324.THX-MXM-FDL-CZ\_PRN2007-4\_MAR2009.pdf

Chron

9/20/07 – Approved new product

12/11/07 – Approved – revised density

3/24/09 – Revised Container Rule per PR Notice 2007-4.