



# Warden™ RTA®

## Fungicide

A seed treatment fungicide for control of certain seed-borne, soil-borne, and seedling diseases of soybeans

Active Ingredients:

|  |       |
|--|-------|
| Mefenoxam (CAS No. 70630-17-0)                   |       |
| (R)-2-[(2,6-dimethylphenyl)-methoxyacetylamino]- |       |
| propionic acid methyl ester .....                | 2.15% |
| Related Compounds .....                          | 0.06% |
| Fludioxonil (CAS No. 131341-86-1)                |       |
| (4-(2,2-difluoro-1,3-benzodioxol-4-yl)-          |       |
| 1H-pyrrole-3-carbonitrile) .....                 | 0.72% |

|                    |         |
|--------------------|---------|
| Other Ingredients: | 97.07%  |
| Total:             | 100.00% |

**KEEP OUT OF REACH OF CHILDREN.**

**CAUTION**

See additional precautionary statements and directions for use inside booklet.

EPA Reg. No. 100-1146-1381

EPA Est. 67545-AZ-1

Distributed by:

2.5 gallons  
U.S. Standard Measure

Agrilience LLC  
P.O. Box 64089  
St. Paul, MN 55164-0089

0/C18/2

SCPPL 1146-L1 0302

(2.5 gal.)

| <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 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 swallowed</b>   | <ul style="list-style-type: none"><li>• Call a poison control center or doctor immediately for treatment advice.</li><li>• Have a person sip a glass of water if able to swallow.</li><li>• Do not induce vomiting unless told to do so by a 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 mouth-to-mouth, if possible.</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><br>For 24 Hour Medical Emergency Assistance (Human or Animal)<br>Call 1-877-424-7452 or<br>Chemical Emergency Assistance (Spill, Leak, Fire, or Accident),<br>Call Chemtrec 1-800-424-9300 |   |

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## **PRECAUTIONARY STATEMENTS**

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### **Hazards to Humans and Domestic Animals**

#### **CAUTION**

Harmful if absorbed through skin. Avoid contact with eyes, skin, or clothing. Wash thoroughly with soap and water after handling.

## **Personal Protective Equipment**

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for Category A 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
- Shoes plus socks

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product. Do not reuse them. 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.
- Remove PPE immediately after handling this product.
- Wash the outside of gloves before removing.
- As soon as possible, wash thoroughly and change into clean clothing.

### **Environmental Hazards**

Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment wash water.

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

### **Groundwater Advisory**

This chemical is known to leach through soil into groundwater under certain conditions as a result of agricultural use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

## **DIRECTIONS FOR USE**

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

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

## **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 over long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material
- Shoes plus socks

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

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## **STORAGE AND DISPOSAL**

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Do not contaminate water, food, or feed by storage and disposal.

### **Pesticide Storage**

Store in a cool, dry place. Store in an area designated for pesticides and away from food or feed. Store in original containers only. Keep container closed when not in use.

### **Pesticide Disposal**

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use 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.

### **Container Disposal**

Do not reuse empty container. Triple rinse (or equivalent), puncture and dispose of in a sanitary landfill, or by incineration, or by open burning, if allowed by state and local authorities. If burned, keep out of smoke from burning containers.

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.

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### **GENERAL INFORMATION**

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Warden RTA Fungicide is a seed treatment fungicide that protects against damping-off and seed rots due to *Pythium*, *Phytophthora*, *Fusarium*, *Rhizoctonia* spp., and early season *Phytophthora* root rot. Warden RTA Fungicide also suppresses seed-borne *Sclerotinia* and *Phomopsis* spp. Warden RTA Fungicide contains the active ingredient mefenoxam found in Apron XL™ that provides protection against *Pythium* and early season *Phytophthora* root rot. Warden RTA Fungicide also contains the active ingredient fludioxonil found in Maxim® that provides protection against the remaining diseases mentioned in this label.

**Note:** Warden RTA Fungicide is a systemic fungicide having a specific mode of action against fungal pathogens. Warden RTA Fungicide 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 Warden RTA Fungicide insensitive strains of fungi which may occur.

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### **MIXING PROCEDURES**

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Warden RTA Fungicide is especially formulated for on-farm treatment, using standard mechanical slurry or mist-type seed treatment equipment which accurately measures and mixes a flowable seed treatment. The equipment must provide uniform coverage of Warden RTA Fungicide on the seed. Uneven seed coverage may not give the desired level of disease control. The product does not require the addition of water for application. 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. Do not mix Warden RTA Fungicide with other pesticides unless sufficient compatibility, loading rates, and crop safety factors are determined.

## For Soybean Seed Treatment

Warden RTA Fungicide provides protection against damping-off and seed rots due to *Pythium*, *Phytophthora*, *Fusarium*, *Rhizoctonia* spp., and early season *Phytophthora* root rot. Warden RTA Fungicide also suppresses seed-borne *Sclerotinia* and *Phomopsis* spp. For these soybean diseases, Warden RTA Fungicide is applied at the rate of 5.0 fl. oz. per 100 lbs. of seed. The suggested Warden RTA Fungicide rates will deliver 7.5 grams active ingredient of Apron XL (mefenoxam) and 2.5 grams active ingredient of Maxim (fludioxonil) per 100 kilograms of seed. Read and follow all label directions for Apron XL use.

**Note:** Federal law requires that bags containing treated seeds shall be labeled with the following information: "This seed has been treated with fludioxonil and (R)-2-((2,6-dimethylphenyl)-methoxyacetyl-amino)-propionic acid methyl ester fungicides. Do not use for feed, food, or oil purposes. Store away from feeds and foodstuffs." Use an EPA-approved dye or colorant that imparts an unnatural color to the seed.

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### Notice of Warranty

Seller warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use. SELLER MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, NOR IS ANY REPRESENTATIVE OF SELLER AUTHORIZED TO MAKE ANY SUCH WARRANTY OR MODIFY THESE TERMS. This warranty does not extend to the storage, handling or use of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to Seller, and Buyer assumes the risk of any such storage, handling or use. Seller shall not be responsible for incidental or consequential damages, if any, resulting from a breach of warranty.

Treatment of highly mechanically damaged seed or seed of known low vigor and poor quality except for the purposes of curative control of existing disease or insect pests may result in reduced germination and/or reduced vigor. Treat and conduct germination tests on a small portion of seed before committing the total seed lot to a selected chemical treatment. Due to seed quality conditions beyond the control of Agrilience, LLC no claims are made to guarantee germination of carry-over seed.

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Apron XL®, Maxim®, RTA® are trademarks of a Syngenta Group Company  
Warden is a trademark of Agrilience, LLC  
U.S. Patent No. 4,705,800

SCPPL 1146-L1 0302 (2.5 gal.)