NET CONTENTS 2-1/2 GALLONS

A FUNGICIDE SEED TREATMENT PRODUCT PROVIDING SYSTEMIC SEED AND SEEDLING PROTECTION AGAINST LISTED EARLY SEASON SEEDLING DISEASES

Active Ingredients By Wt.
Metalaxyl\(^1\) ........................................ 4.51%
Metconazole\(^2\) ........................................ 2.25%
Other Ingredients .................................. 93.24%
Total ........................................ 100.00%

\(^1\) N-(2,6-dimethylphenyl)-N-(methoxyacetyl)alanine methyl ester
\(^2\) 5-[(4-chlorophenyl)methyl]-2,2-dimethyl-1-\(1H\)-1,2,4-triazol-1-ylmethyl)cyclopentanol

Metlock® CT Fungicide contains 0.387 lbs metalaxyl and 0.193 lbs metconazole per gallon.

EPA Reg. No. 59639-191
EPA Est. 67545-AZ-01\(^\circ\), 61842-CA-001\(^\circ\), 086555-MO-001\(^\circ\)
Superscript is first letter of lot number.

KEEP OUT OF REACH OF CHILDREN
CAUTION
SEE NEXT PAGE FOR PRECAUTIONARY STATEMENTS AND FIRST AID.
PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION

Harmful if swallowed. Causes moderate eye irritation. This product may cause sensitization reactions of the patient.

NOTE TO PHYSICIAN

No specific antidote. Supportive care. Treatment based on judgment of the physician in response to reactions of the patient.

HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 800-892-0099 for emergency medical treatment information.

USER SAFETY RECOMMENDATIONS

Users should:

• Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
• Remove clothing/PPE 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

This pesticide is toxic to birds, mammals, fish and aquatic invertebrates. Do not apply over water, or areas where surface water is present or to intertidal areas below the high mean water mark. Do not contaminate water by disposing of equipment washwater or rinsewater. Metalaxyl and Metconazole have properties and characteristics associated with chemicals detected in groundwater. These chemicals may leach into groundwater if used in areas where soils are permeable, particularly where the water table is shallow. Therefore contain any product spills or equipment leaks and dispose of wastes according to the disposal instructions on this label. Metconazole may impact surface water quality through runoff of rainwater. This product has a high potential for runoff for several months after application. Poorly drained soils and soils with shallow water tables are more prone to produce runoff that contains this product. A level, well maintained vegetative buffer strip between areas to which this product is applied and surface water features such as ponds, streams, and springs will reduce the potential for contamination of water from rainfall-runoff. Runoff of this product will be reduced by avoiding applications when rainfall is forecasted to occur within 48 hours.

Agricultural Use Requirements

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 190. 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 products 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 24 hours.

Exception: Once the seeds are planted in soil, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area without restriction if there will be no worker contact with the soil subsurface or treated seed.

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 such as barrier laminates, butyl rubber, nitrile rubber, or Viton; shoes plus socks.

DIRECTORY OF 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 State or Tribal agency responsible for pesticide regulation.

DISCLAIMER, RISKS OF USING THIS PRODUCT, LIMITED WARRANTY, AND LIMITATION OF LIABILITY

IMPORTANT: Read the entire label including this Disclaimer, Risks of Using This Product, Limited Warranty, and Limitation of Liability before using this product. If the terms are not acceptable THEN DO NOT USE THE PRODUCT, rather, return the unopened product within 15 days of purchase for a refund of the purchase price.

RISKS OF USING THIS PRODUCT

The Buyer and User (referred to collectively herein as ‘Buyer’) of this product should be aware that there are inherent unintended risks associated with the use of this product which are impossible to eliminate. These risks include, but are not limited to, injury to plants and crops to which this product is applied, lack of control of the target pests, resistance of the target pest to this product. Such risks of crop injury, non-performance, resistance or other unintended consequences are unavoidable and may result because of such factors as weather, soil conditions, disease, moisture conditions, irrigation practices, condition of the crop at the time of application, presence of other materials either applied in the tank mix with this product or prior to or application of this product, cultural practices or the manner of use or application, (or a combination of such factors) all of which are factors beyond the control of Valent. The Buyer should be aware that these inherent unintended risks may reduce the harvested yield of the crop in all or a portion of the treated acreage, or may affect the crop such that additional care, treatment and expense are required to take the crop to harvest. If the Buyer chooses not to accept these risks, THEN DO NOT APPLY PRODUCT. By applying this product Buyer acknowledges and accepts these inherent unintended risks and AGREES THAT TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, RISKS ASSOCIATED WITH THE APPLICATION AND USE ARE ASSUMED BY THE BUYER.

LIMITATION OF LIABILITY

To the extent consistent with applicable law, Valent shall not be liable for losses or damages (including, but not limited to, loss of profit or revenue resulting from the use of the crop or such incidental, consequential or special damages that may be claimed) resulting from use of this product in any manner not set forth on the label. To the extent consistent with applicable law, Buyer assumes all risks associated with the use of this product in any manner or under conditions not specifically directed or approved on the label.

LIMITED WARRANTY

Valent warrants only that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the label, under average use conditions, when used in accordance with the label and subject to the Risks of Using This Product as described above. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, EXCEPT AS SET FORTH ABOVE, VALENT MAKES NO OTHER WARRANTIES, EITHER EXPRESSED OR IMPLIED. No agent or representative of Valent or Seller is authorized to make or create any other express or implied warranty.

LIMITATION OF LIABILITY

To the extent consistent with applicable law, Valent or Seller shall not be liable for any incidental, consequential, indirect or special damages resulting from the use or handling of this product. The limitation includes, but is not limited to, loss of yield on all or any portion of the treated acreage, increased care, treatment or other expenses required to take the crop to harvest, increased financial charges or altered credit ratings, emotional or mental distress and/ or exemplary damages. TO THE FULLEST EXTENT ALLOWED BY LAW, THE EXCLUSIVE REMEDY OF THE BUYER, AND THE EXCLUSIVE MAXIMUM LIABILITY OF VALENT OR SELLER FOR ALL AND ANY 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 THIS PRODUCT OR, AT THE ELECTIVE LAW OF VALENT OR SELLER, THE REPLACE-
MENT OF THE PRODUCT.

PROMPT NOTICE OF CLAIM

To the extent consistent with applicable law, Valent must be provided notice as soon as Buyer has reason to believe it may have a claim, but no in event later than twenty-one days from the date of planting, or twenty-one days from the date of application, whichever is later, (continued)
Metalaxyl fungicide must be used only in accordance with use instructions on this label utilizing mechanical, slurry or mist-type seed treating equipment, provided that the equipment can be calibrated to accurately and uniformly apply the product to seed. This product is for commercial application only. Always mix product thoroughly before use.

As stated by regulations specified in 40 CFR 153.155, all seed treated with Metlock CT Fungicide must be colored with an EPA-approved dye or colorant to visually distinguish seed treated with a pesticide. It is mandatory that such dye or colorant be added into the slurry mixture containing Metlock CT Fungicide, prior to application. This regulation is necessary to prevent treated seed from accidental use as a food for man or feed for animals.

Seed Quality and Storage of Treated Seed
Seed treatments applied to low vigor or poor quality seed or to mechanically damaged seed may result in loss of seed germination or reduced seedling vigor. To verify seed safety, treat a small portion of seed with the desired slurry mixture (Metlock CT Fungicide alone or in combination with other commercial seed treatment products) prior to treatment of an entire seed lot. Utilize standard seed germination methodologies to determine and verify seed safety. Proper storage conditions of treated seed prior to treatment of an entire seed lot. Utilize standard seed treatment equipment washwaters.

Dispense of seed packaging in accordance with local requirements. Do not contaminate water bodies when disposing of planting equipment washwaters.

No plant back restriction for Barley, Canola, Corn (including field, sweet and pop), Oat, Peanut, Rye, Soybean, Sugar Beet, Triticale and Wheat. A 30-day plant back interval for Brassica Leafy Vegetables and Leafy Vegetables. A 120-day plant back interval for all other crops.

USE INFORMATION
Metlock CT Fungicide is a systemic fungicide formulated for seed treatment use to provide protection against seed-borne and soil-borne diseases, enhancing plant health and plant stand establishment of seed/seedlings. The fungicide active ingredients in Metlock CT Fungicide are metconazole, a broad-spectrum, systemic, triazole fungicide and metalaxyl, an oomycete-active, systemic acylalanine fungicide. The fungicide components provide activity against Pythium spp., Rhizoctonia solani, Fusarium spp. and other Deuteromycete and Basidiomycete (smut and bunt) fungi.

MODE OF ACTION
Metalaxyl fungicide contained in Metlock CT Fungicide is a member of the acylalanine chemical group (FRAC Code 3) and interrupts fungal nucleic acid synthesis. Metconazole belongs to the sterol biosynthesis inhibitor group of fungicides (FRAC Code 4).

APPLICATION DIRECTIONS
Accurate application of Metlock CT Fungicide to seed is required for best performance. Application to seed by commercial seed treatment equipment utilizing standard liquid or slurry treaters, is necessary. Thorouly mix Metlock CT Fungicide in the desired seed slurry mixture, prior to application to seed.

Always pre-test tank mixtures with other seed treatment products to evaluate formulation compatibility and to ensure proper physical compatibility of products. Follow more restrictive limitations or cautions documented on labels of all products used in a seed treatment mixture. Do not tank mix with any products which contain a prohibition on tank mixing.

ROTTATIONAL RESTRICTIONS
• No plant back interval for barley, canola, corn (including field, sweet and pop), oat, peanut, rye, soybean, sugar beet, triticale and wheat.
• A 30-day plant back interval for brassica leafy vegetables and leafy vegetables.
• A 120-day plant back interval for all other crops.

The following tables provide use rates of Metlock CT Fungicide by labeled crop, with disease protection guidelines:

Table 1.

<table>
<thead>
<tr>
<th>Seed/Seedling Diseases</th>
<th>BARLEY</th>
<th>Covered smut</th>
<th>Early season common root rot</th>
<th>Early season fusarium seedling dieback</th>
<th>Early season rhizoctonia root rot</th>
<th>Fusarium seed scab</th>
<th>Loose smut</th>
<th>Pythium seed rot and seedling dieback</th>
<th>Seed decay fungi</th>
</tr>
</thead>
<tbody>
<tr>
<td>fl oz/100 lbs seed</td>
<td></td>
<td>1.0 - 1.5</td>
<td>Metaxyl (0.01 - 0.015)</td>
<td>Metconazole (0.0005 - 0.00075)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>mg ai/seed</td>
<td></td>
<td></td>
<td>0.0015 - 0.00225</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*mg active ingredient per seed is based on 13,805 seeds per pound.

Table 2.

<table>
<thead>
<tr>
<th>Seed/Seedling Diseases</th>
<th>CORN (FIELD, POP, SWEET, includes seed production)</th>
<th>Fusarium seed/seedling dieback</th>
<th>Pythium seed rot and seedling dieback</th>
<th>Rhizoctonia damping-off</th>
<th>Seed decay fungi</th>
</tr>
</thead>
<tbody>
<tr>
<td>fl oz/100 lbs seed</td>
<td>fl oz/80,000 Kernel Count</td>
<td>1.0 - 1.5</td>
<td>0.49 - 0.74</td>
<td>0.026 - 0.0189</td>
<td></td>
</tr>
<tr>
<td>mg ai/seed</td>
<td></td>
<td>Metaxyl (0.0084 - 0.0126)</td>
<td>Metconazole (0.0042 - 0.0063)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*calculation is based on 1,830 seeds per pound.
### Table 3. COTTON Seed/Seedling Diseases

<table>
<thead>
<tr>
<th>Seed/Seedling Diseases</th>
<th>Metlock CT Fungicide Use Rates</th>
<th>Active Ingredient (mg ai/seed)</th>
<th>Total Active Ingredient (mg ai/seed)</th>
</tr>
</thead>
<tbody>
<tr>
<td>fl oz/100 lbs seed</td>
<td>Active Ingredient (mg ai/seed)</td>
<td>Total Active Ingredient (mg ai/seed)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fusarium seed/seedling dieback</td>
<td>5.0 - 6.5</td>
<td>Metalaxyl (0.015235 - 0.0198)</td>
<td>0.022833 - 0.029677</td>
</tr>
<tr>
<td>Pythium seed rot and seedling decay</td>
<td></td>
<td>Metconazole (0.007998 - 0.009877)</td>
<td></td>
</tr>
<tr>
<td>Rhizoctonia damping-off</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Seed decay fungi</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Thielaviopsis black root rot</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1 mg active ingredient per seed is based on 4,500 seeds per pound.

### Table 4. OATS Seed/Seedling Diseases

<table>
<thead>
<tr>
<th>Seed/Seedling Diseases</th>
<th>Metlock CT Fungicide Use Rates</th>
<th>Active Ingredient (mg ai/seed)</th>
<th>Total Active Ingredient (mg ai/seed)</th>
</tr>
</thead>
<tbody>
<tr>
<td>fl oz/100 lbs seed</td>
<td>Active Ingredient (mg ai/seed)</td>
<td>Total Active Ingredient (mg ai/seed)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Early season common root rot</td>
<td>1.0 - 1.5</td>
<td>Metalaxyl (0.00072 - 0.00107)</td>
<td>0.00108 - 0.00161</td>
</tr>
<tr>
<td>Early season fusarium seedling dieback</td>
<td></td>
<td>Metconazole (0.00096 - 0.00054)</td>
<td></td>
</tr>
<tr>
<td>Early season rhizoctonia root rot</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fusarium seed scab</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Loose smut</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pythium seed rot and seedling dieback</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Seed decay fungi</td>
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</tbody>
</table>

1 mg active ingredient per seed is based on 19,047 seeds per pound.

### Table 5. WHEAT Seed/Seedling Diseases

<table>
<thead>
<tr>
<th>Seed/Seedling Diseases</th>
<th>Metlock CT Fungicide Use Rates</th>
<th>Active Ingredient (mg ai/seed)</th>
<th>Total Active Ingredient (mg ai/seed)</th>
</tr>
</thead>
<tbody>
<tr>
<td>fl oz/100 lbs seed</td>
<td>Active Ingredient (mg ai/seed)</td>
<td>Total Active Ingredient (mg ai/seed)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Common bunt</td>
<td>1.0 - 1.5</td>
<td>Metalaxyl (0.0012 - 0.0018)</td>
<td>0.0018 - 0.0027</td>
</tr>
<tr>
<td>Early season common root rot</td>
<td></td>
<td>Metconazole (0.0006 - 0.0009)</td>
<td></td>
</tr>
<tr>
<td>Early season fusarium seedling dieback</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Early season rhizoctonia root rot</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Early season leaf and stripe rust (Suppression)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rag smut</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fusarium seed scab</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Loose smut</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Pythium seed rot and seedling dieback</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Seed decay fungi</td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

1 mg active ingredient per seed is based on 11,338 seeds per pound.
STORAGE AND DISPOSAL
Do not contaminate water, food or feed by storage and disposal.

PESTICIDE STORAGE
Store in a dry place away from excessive heat.
Do not store near food or feed.
Store in original container only.
To close package, replace and tighten cap to form an airtight seal.

PESTICIDE DISPOSAL
Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER HANDLING
Nonrefillable container. Do not reuse or refill this container. Clean container 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 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Offer for recycling, if available; otherwise dispose of in a sanitary landfill or incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.
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