DRAFT SUPPLEMENTAL seed treatment label

Supplemental Label for Use as a Seed Treatment

Thiophanate-Methyl 4.1 SC Fungicide

This supplemental label expires on November 27, 2016 and must not be used or distributed after this date.

ACTIVE INGREDIENT:
Thiophanate-methyl (dimethyl[1,2-phenylene)-bis(iminocarbonothioyl)]bis[carbamate])* .................. 41.3%
OTHER INGREDIENTS: .................................................. 58.7%
TOTAL: ................................................................. 100.0%

Contains 4.11 pounds thiophanate-methyl per gallon.
*Also known as dimethyl 4,4’-o-phenylenebis[3-thioallophanate]

EPA Reg. No.8033-129

KEEP OUT OF REACH OF CHILDREN

CAUTION

DIRECTIONS FOR USE

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

Both this supplemental label and the full Thiophanate-Methyl 4.1 SC Fungicide label must be in possession of the user at the time of application. Read the label affixed to the container for Thiophanate-Methyl 4.1 SC Fungicide before applying.

Use of Thiophanate-Methyl 4.1 SC Fungicide according to this labeling is subject to the use precautions and limitations imposed by the label affixed to the container for Thiophanate-Methyl 4.1 SC Fungicide

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Seed treatment applicators and other seed treatment handlers must wear:
- Long-sleeved shirt and long pants,
- Shoes plus socks,
- Chemical-resistant gloves for all mixers and loaders and for applicators using hand-held equipment,
- Chemical-resistant apron for mixers, loaders, and other handlers exposed to the concentrate.
Some materials that are chemical-resistant to this product are nitrile and butyl rubber. If you want more options, follow the instructions for category C on an EPA chemical-resistance category selection chart.

Note: Persons involved in bagging treated seed, sewing or moving bags of treated seed, or cleaning up bagging areas or seed treatment equipment are pesticide handlers and must wear the PPE required on this label for pesticide handlers.

GENERAL INSTRUCTIONS AND INFORMATION: Seed Treatment

NOTE: This product contains no colorant. The purchaser of this product is responsible for ensuring that all seed treated with this product are adequately colored with a suitable colorant to prevent its accidental use as food for man or feed for animals. Refer to 21CFR, Part 2.25. Any colorant added to treated seed must be cleared for use under 40CFR, Part 180.1001. Alternatively, use in combination with other colored seed treatment products may provide adequate coloration.

Thiophanate-Methyl 4.1 SC Fungicide is an effective fungicide for seed treatment that provides early season protection of seedlings against rhizoctonia. Seed should be sound and well-cured before treatment.

Do not use Thiophanate-Methyl 4.1 SC Fungicide in combination with other seed treatment products unless compatibility has been verified. Read and follow carefully all label directions of each combination product. When using combinations of products, the most restrictive of label limitations and precautions must be followed.

Seed Treatment Equipment: Thiophanate-Methyl 4.1 SC Fungicide may be used both for commercial and for on-farm application. It can be applied with mechanical, slurry, or mist-type seed treating equipment, as long as the equipment can be calibrated to accurately and uniformly apply the product to seed without undue mechanical damage to the seed. Uniform application to seed is important for all seed treatment products.

Treatment of mechanically damaged seed or seed of low vigor or poor quality may result in reduced germination. Treat and conduct germination tests on a small test sample of seed before using this product on commercial quantities. Due to seed quality and seed storage conditions beyond the control of Nippon Soda Co., Ltd. (Nisso), Nisso makes no claims or guarantees as to germination of carry-over seed.

Seed should be sound and well-cured before treatment. Refer to the label rates below. Thiophanate-Methyl 4.1 SC Fungicide is typically diluted with water and/or mixed with other products to attain an appropriate slurry application volume (fl.oz/cwt slurry rates) to provide effective treating. The appropriate volume of slurry depends on crop, weather, type of treater and other factors and should be adjusted as per normal treating practices for the circumstances. Contact your local supplier or distributor representative for specific recommendations.
TO ENSURE UNIFORMITY, MIX PRODUCT WELL BEFORE USE.

Thiophanate-Methyl 4.1 SC Fungicide plus water and/or other treatments should be mixed thoroughly prior to treating seed. Recalibrate treating equipment to compensate for the required slurry rate to ensure all products are applied at the correct rate.

APPLICATION INSTRUCTIONS

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<thead>
<tr>
<th>Crop(s)</th>
<th>Application Rate</th>
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<tr>
<td><strong>WHEAT, TRITICALE</strong></td>
<td>0.153 – 0.307 fl.oz/cwt</td>
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<tr>
<td><em>For early season control of seed decay (Fusarium, Rhizoctonia) and suppression of seedling blight (Fusarium, Rhizoctonia)</em></td>
<td><strong>SOYBEANS</strong></td>
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<tr>
<td></td>
<td>Per Seed Unit: 0.072-0.144 fl.oz./seed unit (140,000 seeds) (applies 0.0075-0.015 mg ai/seed)</td>
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<td></td>
<td>OR Per Seed Weight: 0.153 – 0.307 fl.oz./cwt</td>
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<tr>
<td><strong>SOYBEANS</strong></td>
<td></td>
</tr>
<tr>
<td><em>For early season control of seed decay (Phomopsis, Fusarium, Rhizoctonia) and suppression of seedling blight (Fusarium, Rhizoctonia)</em></td>
<td><strong>DRY BEANS and SNAP BEANS:</strong></td>
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<td></td>
<td>0.153 – 0.307 fl.oz./cwt</td>
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Use higher rates for higher levels of seedling blight protection.

TREATED SEED LABELING

THE FEDERAL SEED ACT REQUIRES THAT BAGS CONTAINING TREATED SEED MUST BE LABELED WITH THE FOLLOWING INFORMATION:

- "This bag contains seed treated with Thiophanate-Methyl 4.1 SC Fungicide containing thiophanate-methyl. **Do not** use for food, feed, or oil purposes. Store away from feed and food stuffs."

LABELS FOR COMMERCIAL TREATED SEED MUST ALSO INCLUDE THE FOLLOWING ENVIRONMENTAL HAZARDS STATEMENTS:
• “Exposed treated seed may be hazardous to birds and wildlife. Dispose of all excess treated seed and seed packaging or containers by burial away from bodies of water in accordance with any local requirements. Cover, incorporate, or collect treated seeds spilled during loading and planting. DO NOT contaminate bodies of water when disposing of planting equipment wash water.”

THE U.S. ENVIRONMENTAL PROTECTION AGENCY REQUIRES THE FOLLOWING STATEMENTS ON CONTAINERS CONTAINING TREATED SEED:

• “DO NOT allow children, pets or livestock to have access to treated seeds.”
• “DO NOT graze or feed livestock on treated areas for 45 days after planting.”
• “Wear long pants, long-sleeved shirt, shoes, socks and chemical-resistant gloves when opening this bag or loading/pouring the treated seed.”
• “After the seeds have been planted, do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 12 hours. Exception: If 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, and chemical-resistant footwear.”

USE RESTRICTIONS
Care must be exercised in the handling of treated seed. Augers used for handling treated seed should not be used to move seed for feed, food or oil processing. Do not re-use bags from treated seed to handle food or feed products.

<table>
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<th>IMPORTANT INFORMATION</th>
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<td>CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY</td>
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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 reflect the opinion of experts based on field use and tests, and must be followed carefully. It is impossible to eliminate all risks 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 Nippon Soda Co., Ltd. or Seller. Handling, storage, and use of the product by Buyer or User are beyond the control of Nippon Soda Co., Ltd. and Seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold Nippon Soda Co., Ltd. and Seller harmless for any claims relating to such factors.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, NIPPON SODA CO., LTD. AND SELLER MAKE NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR
A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY
EXCEPT AS STATED ON THIS LABEL.

To the extent consistent with applicable law, Nippon Soda Co., Ltd. or Seller shall not be liable for any incidental, consequential or special damages resulting from the use or handling of this product and THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF NIPPON SODA CO., LTD. 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 NIPPON SODA CO., LTD. OR SELLER, THE REPLACEMENT OF THE PRODUCT.

Treatment of seed, especially seed that is mechanically damaged 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 and conduct germination tests on a small test sample of seed before treating commercial quantities with a selected chemical treatment that includes this product. Due to seed quality and seed storage conditions beyond the control of Nippon Soda Co., Ltd. (Nisso), Nisso makes no claims or guarantees as to germination of carry-over seed.

Nippon Soda Co., Ltd. and Seller offer this product, and Buyer and User accept it, subject to the foregoing conditions of sale and limitations of warranty and of liability, which may not be modified except by written agreement signed by the duly authorized representative of Nippon Soda Co., Ltd.

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