ACCELERON®

DX-309

Fungicide Seed Treatment

A seed treatment chemical for control of seed rot and damping-off diseases of certain crops

Active Ingredients:
Metalaxyl: N-(2,6-dimethylphenyl)-N-(methoxyacetyl)alanine methyl ester ........................................... 28.35%
Other Ingredients: ................................................................................................................................. 71.65%
Total: ............................................................................................................................................... 100.00%

Contains 2.6 pounds Metalaxyl per gallon.

EPA Reg. No. 264-935-524 EPA Est.

KEEP OUT OF REACH OF CHILDREN
WARNING/AVISO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.
(If you do not understand the label, find someone to explain it to you in detail.)

FOR ADDITIONAL PRECAUTIONARY STATEMENTS: See inside booklet.

For Medical and Transportation Emergencies Only
Call 24 Hours a Day 1-314-694-4000
For Product Use Information Call 1-877-775-8787

Net Contents: 2.5 gallons

Product of China 100112L6-1

Produced for: Monsanto Company • 800 N. Lindbergh Blvd.
St. Louis, Missouri 63167 • 1-314-694-4000
# FIRST AID

| **IF ON SKIN OR CLOTHING:** | • Take off contaminated clothing.  
• Rinse skin immediately with plenty of water for 15-20 minutes.  
• Call a poison control center or doctor for treatment advice. |
| **IF SWALLOWED:** | • Call a poison control center or doctor immediately for treatment advice.  
• Have person sip a glass of water if able to swallow.  
• Do not induce vomiting unless told to do so by a poison control center or doctor.  
• Do not give anything by mouth to an unconscious person. |
| **IF IN EYES:** | • Hold eye open and rinse slowly and gently with water for 15-20 minutes.  
• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.  
• Call a poison control center or doctor for treatment advice. |

In case of emergency call toll free the Monsanto Company Telephone No. 1-314-694-4000.  
Have a product container or label with you when calling a poison control center or doctor, or going for treatment.

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## Precautionary Statements

**Hazards to Humans and Domestic Animals**

**Warning.** Causes skin irritation. Harmful if swallowed or absorbed through skin. Causes moderate eye irritation. Do not get on skin or on clothing. Avoid contact with eyes. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

**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 E on an EPA chemical resistance category selection chart.

**Applicators and other handlers must wear:** Coveralls over short-sleeved shirt and short pants, socks, and chemical-resistant footwear and chemical-resistant gloves (such as nitrile, butyl, neoprene, and/or barrier laminate).

Follow manufacturer’s instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

**User Safety Recommendations**

**Users should:** Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change clothing.

**Environmental Hazards**

For terrestrial uses, do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not apply when weather conditions favor drift from treated areas. Do not contaminate water when disposing of equipment washwater or rinsate.

**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 24 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, socks and chemical resistant footwear, chemical resistant gloves, such as barrier laminate or nitrile rubber or neoprene rubber or Viton and protective eyewear.

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## Storage and Disposal

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

### Pesticide Storage.

Store in a cool dry location. Do not store in direct hot sunlight. Do not store above 90°F for prolonged periods of time. After prolonged storage in intense cold, allow product to return to approximately 75°F before using.

### Pesticide Disposal.

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

### Container Disposal.

Non-refillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse or pressure 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 or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

Pressure rinse as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure-rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip. Once container is rinsed, offer for recycling if available, or puncture and dispose of in a sanitary landfill or incineration, or if allowed by state and local authorities, by burning. If burned stay out of smoke.
In California – Only for use in commercial seed treating establishments. Not allowed for “on-farm” use.

NOTE: Seed treated commercially or for sale must be dyed an unnatural color using an EPA approved dye before being sold. Federal law requires that bags containing treated seeds shall be labeled with the following information. “This seed has been treated with Acceleron® DX-309 Fungicide Seed Treatment which contains the active ingredient Metalaxyl. Do not use for feed, food or oil purposes. Store away from feeds and foodstuffs.”

Acceleron® DX-309 Fungicide Seed Treatment is a systemic fungicide seed dressing specifically for control of systemic downy mildews, Pythium, and Phytophthora spp. For control of other soilborne diseases, combination of Captan and VITAVAX® registered formulations are compatible. Do not use with other seed treatment products unless previous experience assures compatibility.

Follow more restrictive labeling of any tank mix partner. Do not tank mix with any product, which contains a prohibition on tank mixing.

Acceleron® DX-309 Fungicide Seed Treatment may be applied as a water based slurry with other registered seed treatment insecticides and fungicides through standard slurry or mist-type commercial seed treatment equipment.

Excess treated seed may be used for ethanol production only if (1) by-products are not used for livestock feed and (2) no measurable residues of pesticide remain in ethanol by-products that are used in agronomic practice.

NOTE: Acceleron® DX-309 Fungicide Seed Treatment is a systemic fungicide having a specific mode of action. Acceleron® DX-309 Fungicide Seed Treatment could be subject to development of resistant strains of fungi. Development of resistance cannot be predicted. Consult your State Agricultural Experiment Station or Extension Service Specialist for guidance and ways to control any possible Acceleron® DX-309 Fungicide Seed Treatment resistant strains of fungi which may occur. FAILURE TO FOLLOW DIRECTIONS ON THIS LABEL MAY RESULT IN CROP INJURY OR POOR DISEASE CONTROL.

<table>
<thead>
<tr>
<th>Soybeans</th>
<th>To aid in the control of seed decay and damping-off caused by Pythium: Apply Acceleron® DX-309 Fungicide Seed Treatment as a commercial seed treatment at the rate of 0.10-0.375 fl oz per 100 lbs of seed. Apply in combination with EPA registered rates of broad-spectrum seed treatment fungicides.</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Cotton</th>
<th>For Pythium seed rot and damping-off. Apply Acceleron® DX-309 Fungicide Seed Treatment as a seed treatment:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Acceleron® DX-309 Fungicide Seed Treatment Application rate</td>
</tr>
<tr>
<td></td>
<td>seeds/lb</td>
</tr>
<tr>
<td>3600</td>
<td>0.75 - 1.5</td>
</tr>
<tr>
<td>4400</td>
<td>0.75 - 1.5</td>
</tr>
<tr>
<td>5200</td>
<td>0.75 - 1.5</td>
</tr>
<tr>
<td>6000</td>
<td>0.75 - 1.5</td>
</tr>
</tbody>
</table>

Do not apply by seed treatment more than 0.004 pounds of Metalaxyl (0.2 fl oz Acceleron® DX-309 Fungicide Seed Treatment) per acre per year.
Soybean For Pythium damping-off and early season Phytophthora control. Apply Acceleron® DX-309 Fungicide Seed Treatment as a seed treatment:

<table>
<thead>
<tr>
<th>Acceleron® DX-309 Fungicide Seed Treatment</th>
<th>Maximum Planting rate - seeds/A*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Application rate</td>
<td></td>
</tr>
<tr>
<td>seeds/lb</td>
<td>fl oz/CWT</td>
</tr>
<tr>
<td>2000</td>
<td>0.75 - 1.5</td>
</tr>
<tr>
<td>2400</td>
<td>0.75 - 1.5</td>
</tr>
<tr>
<td>2800</td>
<td>0.75 - 1.5</td>
</tr>
<tr>
<td>3200</td>
<td>0.75 - 1.5</td>
</tr>
<tr>
<td>3600</td>
<td>0.75 - 1.5</td>
</tr>
</tbody>
</table>

* Do not apply by seed treatment more than 0.0166 pounds of Metalaxyl (0.83 fl oz Acceleron® DX-309 Fungicide Seed Treatment) per acre per year.

Use the higher rate of Acceleron® DX-309 Fungicide Seed Treatment when disease pressure is above what is usual. Increasing the use rate of Acceleron® DX-309 Fungicide Seed Treatment will provide both increased levels of control along with a longer time of activity.

**Directions for use at reduced rates in combination with other fungicides**

Acceleron® DX-309 Fungicide Seed Treatment is a systemic fungicide seed dressing which may be applied in combination with other EPA-registered fungicides to aid in control of Pythium. Acceleron® DX-309 Fungicide Seed Treatment may be applied as a water based slurry through standard slurry or mist-type commercial seed treatment equipment.

Field Corn For Pythium damping-off control: Apply Acceleron® DX-309 Seed Treatment Fungicide as a seed treatment at the rate of 0.75 fl oz per 100 lbs of seed.

<table>
<thead>
<tr>
<th>Acceleron® DX-309 Fungicide Seed Treatment</th>
<th>Maximum Planting rate - seeds/A*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Application rate</td>
<td></td>
</tr>
<tr>
<td>seeds/lb</td>
<td>fl oz/CWT</td>
</tr>
<tr>
<td>1200</td>
<td>0.1 - 0.375</td>
</tr>
<tr>
<td>1600</td>
<td>0.1 - 0.375</td>
</tr>
<tr>
<td>2000</td>
<td>0.1 - 0.375</td>
</tr>
<tr>
<td>2400</td>
<td>0.1 - 0.375</td>
</tr>
</tbody>
</table>

* Do not apply by seed treatment more than 0.0076 pounds of Metalaxyl (0.46 fl oz Acceleron® DX-309 Fungicide Seed Treatment) per acre per year.
Seed treatment-export use only.
Not for domestic sales or use.

For treatment of the following seed for export only to countries requiring treatment with Metalaxyl before importation.

| Corn | For Pythium damping-off control: Apply Acceleron® DX-309 Fungicide Seed Treatment as a seed treatment at 0.75 - 1.50 fl oz per 100 lbs of seed. For systemic downy mildew control: Apply Acceleron® DX-309 Fungicide Seed Treatment as a seed treatment at 3.0 fl oz per 100 lbs of seed. |

Seed treated in accordance with the export use pattern must be labeled as follows:

For export only
Not for domestic sales or use.
**IMPORTANT: Read before use**

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following Conditions, disclaimer of Warranties and Limitations of Liability.

Treatment of highly mechanically damaged seed, or seed of known 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 portion of seed before committing the total seed lot to a selected chemical treatment. Due to seed quality conditions beyond the control of Monsanto Company, no claims are made to guarantee germination of carry-over seed.

**Conditions:** The directions for use of this product are believed to be adequate and must be followed carefully. However, 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 weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Monsanto Company. All such risks shall be assumed by the user or buyer.

**DISCLAIMER OF WARRANTIES:** TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, MONSANTO COMPANY MAKES NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, THAT EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. No agent of Monsanto Company is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, MONSANTO COMPANY DISCLAIMS ANY LIABILITY WHATSOEVER FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

**LIMITATIONS OF LIABILITY:** TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER IN CONTRACT, WARRANTY, TORT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE, SHALL NOT EXCEED THE PURCHASE PRICE PAID, OR AT MONSANTO COMPANY’S ELECTION, THE REPLACEMENT OF PRODUCT.

**Acceleron®** is a registered trademark of Monsanto Technology LLC.

**VITAVAX®** is a registered trademark of Chemtura Corporation

Produced For:
Monsanto Company
800 N. Lindbergh Blvd.
St. Louis, Missouri 63167
1-314-694-4000
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**Fungicide Seed Treatment**

A seed treatment chemical for control of seed rot and damping-off diseases of certain crops

**Active Ingredients:**
- Metalaxyl: N-(2,6-dimethylphenyl)-N-(methoxyacetyl)alanine methyl ester .......................... 28.35%
- Other Ingredients: .................................................................................................................. 71.65%

**Total:**
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**FIRST AID:** If on skin or clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

If swallowed: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person. If in eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice. **In case of emergency call toll free the Monsanto Company Telephone No. 1-314-694-4000.** Have a product container or label with you when calling a poison control center or doctor, or going for treatment. **Precautionary Statements:** Hazards to Humans and Domestic Animals. Warning. Causes skin irritation. Harmful if swallowed or absorbed through skin. Causes moderate eye irritation. Do not get on skin or on clothing. Avoid contact with eyes. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. **Environmental Hazards:** For terrestrial uses, do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not apply when weather conditions favor drift from treated areas. Do not contaminate water when disposing of equipment washwater or rinseate. **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. **Storage and Disposal:** Do not contaminate water, food or feed by storage and disposal or by cleaning of equipment. **Pesticide Storage.** Store in a cool dry location. Do not store above 90°F for prolonged periods of time. After prolonged storage in intense cold, allow product to return to approximately 75°F before using. **Pesticide Disposal.** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. **Container Disposal.** Non-refillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse or pressure rinse container (or equivalent) promptly after emptying. **Net Contents:** 2.5 gallons

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