**ACCELERON® D-281**

**Fungicide Seed Treatment**

A seed treatment for use on field corn seed for the protection against listed plant pathogenic fungi.

**ACTIVE INGREDIENT:**
Fluoxastrobin: \((2E)-(2-(6-(2-chlorophenoxy)-5-fluoro-4pyrimidinyl)\)oxyphenyl-\((5,6\text{-dihydro}-1,4,2\text{-dioxazin-3yl})\)methanone O-methylxime)*

\[41.4\%\]

**OTHER INGREDIENTS:**

\[58.6\%\]

**TOTAL:**
100.0%

Contains 4 lbs Fluoxastrobin per gallon (480 g/liter)

*(CAS Number 361377-29-9)

EPA Reg. No. 264-1169-524

**KEEP OUT OF REACH OF CHILDREN**

For MEDICAL Emergencies Call Collect Day or Night 1-314-694-4000.

In case of emergency call the Monsanto Company Emergency Call Collect Day or Night 1-314-694-4000.

Have a product container or label with you when calling a poison control center or doctor, or going for treatment.

For PRODUCT USE Information Call 1-877-775-8787

Please refer to booklet for additional precautionary statements and directions for use.

**Net Contents: 2.5 gallons**

Produced For: Monsanto Company • 800 N. Lindbergh Blvd.
St. Louis, MO 63167 • 1-877-775-8787
PRECAUTIONARY STATEMENTS

Personal Protective Equipment (PPE)

Workers involved with treating the seed (e.g., connecting and disconnecting hoses and transfer pumps, mixing, equipment calibration, etc.) and other exposed to the concentrate, and cleaners/repairers of seed treatment equipment must wear a long-sleeve shirt and long pants, shoes plus socks, and waterproof (such as made of barrier laminate, butyl rubber ≥ 14 mils, nitrile rubber ≥ 14 mils, neoprene rubber ≥ 14 mils, natural rubber ≥ 14 mils, polyethylene polyvinyl chloride (PVC) ≥ 14 mils, or viton ≥ 14 mils) gloves.

Baggers and bag sewers must wear a long-sleeve shirt and long pants, and shoes plus socks.

Applicators and other handlers must wear:
- Long-sleeved shirt
- Long pants
- Shoes plus socks
- Water-proof gloves

User Safety Requirements

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.

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 fish and aquatic invertebrates. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. The active ingredient in this product can be persistent for several months or longer. Do not apply to water or to areas where surface water is present or to intertidal areas below the mean high water mark, or other sensitive areas that may be exposed to spray drift. Do not contaminate water when disposing of equipment washwaters or rinsate.

Treated seed exposed on soil surface may be hazardous to wildlife. Cover or collect seed spilled during loading.

DIRECTIONS FOR USE

STOP - READ THE ENTIRE LABEL BEFORE USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. For use only in commercial seed treatment equipment. Not for use in hopper box, planter box, slurry box, or other on-farm seed treatment applications. Read the entire label and observe all label directions and precautions before use. Do not use this product except as directed on this label or on other Monsanto Company supplemental labeling for this product.

PRODUCT INFORMATION

Acceleron D-281 Fungicide Seed Treatment is a broad spectrum seed treatment labeled for the control or suppression of certain plant pathogenic fungi that cause seed and seedling blight. Aids in the suppression of late season stalk rot caused by Fusarium spp. & Colletotrichum spp.

LABELED USES

Corn (Field corn and field corn grown for seed)

RESISTANCE MANAGEMENT

The active ingredient in Acceleron D-281 Fungicide Seed Treatment (fluoxastrobin) belongs to the strobilurin class of chemistry (Group 11). Because resistance development cannot be predicted, the use of this product should conform to resistance management strategies established for the crop and use area. Such strategies may include rotating and/or tank mixing with products having different modes of action; or limiting the total number of applications per season. Use labeled rates. Contact your local extension specialist, certified crop advisor, and/or manufacturer for fungicide/insecticide resistance management and/or integrated pest management recommendations for specific crops and pest populations. Monsanto Company encourages responsible product stewardship to ensure effective long-term control of pests on this label.

COMPATIBILITY

It is essential that before using Acceleron D-281 Fungicide Seed Treatment in any tank mixture the compatibility of the mixture be established. Add Acceleron D-281 Fungicide Seed Treatment at the labeled rate to a clean quart jar containing approximately one-half the amount of water intended for a final slurry application rate. Next, follow with all other tank mix components that will be used in the total slurry application. Add last the remaining balance of water. The total amount of volume is determined by the seed size and how much is necessary to ensure complete and uniform coverage and distribution on the seed, as well as the type of commercial seed treating application equipment that will be used.

DO NOT USE MIXTURES THAT CURDLE, PRECIPITATE, OR GEL. USE TANK MIXTURES IMMEDIATELY AFTER MIXING WITH ADEQUATE AGITATION.

USE INFORMATION

Uniform application of seed is necessary to ensure seed safety and best disease protection. Dilute with a sufficient amount of water to achieve uniform application to seed which is necessary to ensure seed safety and best disease control. Use high quality, properly cleaned seed. Seed treated with this product must
be visually identifiable from untreated seed by the use of an approved colorant or dye 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 153.155c.

MIXING INSTRUCTIONS
When applied with seed treatment application equipment designed to treat seed utilizing a treatment slurry mixture, add approximately 1/2 to 2/3 of the required water to the treatment slurry tank followed by the accompanying seed treatment products and Acceleron D-281 Fungicide Seed Treatment. The order of product addition is dependent on the accompanying seed treatment products and application equipment used. Allow each slurry component to disperse completely prior to the next addition until a uniform suspension is obtained. After all slurry components have been added and dispersed completely add the remaining 1/2 to 1/3 of required water for proper slurry volume and mix until uniform. Do not store mixed slurries for greater than 72 hours. Maintain adequate agitation until treatment slurry is applied. For additional instructions for use, slurry component mixing order, and other application suggestions contact your Monsanto Company representative.

APPLICATION RATES
May be used in combination with other registered Acceleron seed treatment fungicides and insecticides. Pre-test for compatibility with other seed treatment products.

To aid in the control of seedborne & soilborne fungi, Penicillium spp & Aspergillus spp, causing seed & seedling blights.

<table>
<thead>
<tr>
<th>Crop</th>
<th>seeds/ lb</th>
<th>fl oz / one hundred pounds of seed</th>
<th>ml / one hundred kilograms of seed</th>
<th>fl oz / 80,000 seed unit</th>
<th>ml / 80,000 seed unit</th>
<th>mg Al/ seed¹</th>
</tr>
</thead>
<tbody>
<tr>
<td>Field Corn</td>
<td>1681</td>
<td>0.96 - 1.92</td>
<td>62.59 - 125</td>
<td>0.457 - 0.914</td>
<td>13.51 - 26.98</td>
<td>0.0811</td>
</tr>
<tr>
<td>Field Corn Grown for Seed</td>
<td></td>
<td></td>
<td>0.075 - 0.15</td>
<td>2.25 - 4.50</td>
<td>0.014 - 0.027</td>
<td></td>
</tr>
</tbody>
</table>

¹Do not apply more than 0.36 lb ai of fluoxastrobin per acre per year including seed treatment, foliar, in-furrow or banded applications

1 Rate is calculated based on seeds/lb averages of Field corn (1681).

SEED BAG TAG
The Federal Seed Act requires that the container of seed treated with Acceleron D-281 Fungicide Seed Treatment must be labeled with the following statements: This seed has been treated with Acceleron D-281 Fungicide Seed Treatment which contains 41.4% Fluoxastrobin.

• Do not use treated seed for food, feed, or oil production.
• User is responsible for ensuring that the seed bag meets all requirements under the Federal Seed Act.

In addition, the US Environmental Protection Agency requires the following statements on the container of seed treated with Acceleron D-281 Fungicide Seed Treatment.

• Store away from feeds and foodstuffs.
• Do not allow children, pets, or livestock to have access to treated seeds.
• Wear long sleeved shirt, long pants, and waterproof gloves when handling treated seed.
• Treated seeds exposed on soil surface may be hazardous to wildlife. Cover or collect treated seeds spilled during loading and planting (such as in row ends).
• Dispose of all excess treated seed. Left over treated seed may be double sown around the headland or buried away from water sources in accordance with local requirements.
• Do not contaminate water bodies when disposing of planting equipment washwaters.
• Dispose of seed packaging in accordance with local requirements.
• 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 pesticides remain in ethanol by-product that are used for agronomic practice.
• Do not use empty seed bags for any other purpose.
• To reduce seed dust which can drift onto blooming crops or weeds, ensure that planting equipment is
functioning properly in accordance with manufacturer's recommendations. Surplus seed or empty seed containers should be stored or disposed according to state or local regulations.

**STORAGE AND DISPOSAL**

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

**PESTICIDE STORAGE:** Store in original container and keep tightly closed when not in use. Store in a cool dry place. Avoid cross-contamination with other pesticides.

**PESTICIDE DISPOSAL:** Pesticide wastes may be toxic. Improper disposal of unused pesticide, spray mixture, or rinse water is a violation of federal law. If these wastes cannot be disposed of by use according to label instruction, 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**

Containers with capacities equal to or less than 5 gallons

Non-refillable container. Do not reuse or refill this container.

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 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.

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.

Offer for recycling, if available, or puncture and dispose of in a sanitary landfill, or by incineration.

**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

**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. 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. 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. To the extent consistent with applicable law, 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 OTHER 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 SHALL NOT BE LIABLE 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.

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OTHER INGREDIENTS: ...................................................................................................................................... 58.6%

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*(CAS Number 361377-29-9)

KEEP OUT OF REACH OF CHILDREN

See inside for complete First Aid, Precautionary Statements, Directions For Use, Conditions of Sale and Warranty, and state-specific crop and/or use site restrictions. PRECAUTIONARY STATEMENTS: ENVIRONMENTAL HAZARDS: This pesticide is toxic to fish and aquatic invertebrates. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. The active ingredient in this product can be persistent for several months or longer. Do not apply to water or to areas where surface water is present or to intertidal areas below the mean high water mark, or other sensitive areas that may be exposed to spray drift. Do not contaminate water when disposing of equipment washwaters or rinsate. Treated seed exposed on soil surface may be hazardous to wildlife. Cover or collect seed spilled during loading. STORAGE AND DISPOSAL: Do not contaminate water, food, or feed by storage or disposal. PESTICIDE STORAGE: Store in original container and keep tightly closed when not in use. Store in a cool dry place. Avoid cross-contamination with other pesticides. PESTICIDE DISPOSAL: Pesticide wastes may be toxic. Improper disposal of unused pesticide, spray mixture, or rinse water is a violation of federal law. If these wastes cannot be disposed of by use according to label instruction, 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.

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