**Fungicide**

A seed treatment for protection against certain diseases of barley, canola, oat, rye, soybean, triticale, and wheat.

Active Ingredient: Sedaxane (CAS No. 874967-67-6) . . . . . . 45.45%

Other Ingredients: 54.55%

Total: 100.00%

Contains 4.3 pounds sedaxane per gallon.

**KEEP OUT OF REACH OF CHILDREN.**

See additional precautionary statements and directions for use on label.

EPA Reg. No. 100-1374 EPA Est. 100-NE-001

SCP 1374A-L3A 0912 4016274

**PRODUCT ID.**

46672 15 gallons Net Contents

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**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 water mark. Do not contaminate water when disposing of equipment washwater or rinsate.

**CONSIDERATIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY**

**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 must be followed carefully. It is impossible to eliminate all risks inherently 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 SYNGENTA or Seller. To the extent permitted by applicable law, Buyer and User agree to hold SYNGENTA and Seller harmless for any claims arising from such factors.

SYNGENTA warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. To the extent permitted by applicable law: (1) this warranty does not extend to the use of the product contrary to label instructions or under conditions not reasonably foreseeable to or beyond the control of Seller or SYNGENTA, and, (2) Buyer and User assume the risk of any such use. TO THE EXTENT PERMITTED BY APPLICABLE LAW SYNGENTA MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS WARRANTED BY THIS LABEL.

To the extent permitted by applicable law, in no event shall SYNGENTA be liable for any incidental, consequential or special damages resulting from the use or handling of this product. TO THE EXTENT PERMITTED BY APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF SYNGENTA 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 SYNGENTA OR SELLER, THE REPLACEMENT OF THE PRODUCT.

SYNGENTA and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitation of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of SYNGENTA.

**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.

For 24 Hour Medical Emergency Assistance (Human or Animal) or Chemical Emergency Assistance (Spill, Leak, Fire, or Accident), call 1-800-888-8372.

**FIRST AID**

In case of emergency, call 1-800-888-8372 for the nearest Poison Control Center, and follow the instructions given.

**PRECAUTIONARY STATEMENTS**

**Hazards to Humans and Domestic Animals**

**CAUTION**

Harmful if swallowed. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.

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

**Applicators and other handlers must wear:**

- Long-sleeved shirt and long pants
- Chemical resistant gloves such as barrier laminates, butyl rubber ≥14 mils, nitrile rubber ≥14 mils, neoprene rubber ≥14 mils, polyvinyl chloride (PVC) ≥14 mils, Viton® ≥14 mils
- Shoes plus socks

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.

**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)), 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**

For terrestrial uses: Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean water mark. Do not contaminate water when disposing of equipment washwater or rinsate.
Fungicide
continued from label attached to front of container...

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 exemptions for the use of such statements on this label when used in personal protective equipment (PPE), notifications to workers, 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. If the treated product is an insecticide, the restricted-entry interval shall be the time during which the treated seed will be handled. If the product is a fungicide or herbicide, the restricted-entry interval shall be the time during which the treated area will be kept off-limits to the public. During this time, 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.

• Chemical protective goggles or face shields
• Chemical resistant gloves such as barrier laminate, butyl rubber ≥14 mils, nitrile rubber ≥14 mils, neoprene rubber ≥14 mils, polyvinyl chloride (PVC) ≥14 mils, Viton® ≥14 mils
• Shoes plus socks

FAILURE TO FOLLOW THE DIRECTIONS FOR USE AND PRECAUTIONS ON THIS LABEL MAY RESULT IN CROP INJURY, POOR DISEASE CONTROL, OR ILLLEGAL RESIDUES.

PRODUCT INFORMATION
Vibrance is a seed treatment fungicide which provides protection against certain soil-borne and seed-borne diseases of crop plants. Vibrance is effective against seed and seedling blight or damping off caused by, certain seed and soil borne pathogens, including Rhizoctonia sp. Vibrance is particularly effective against certain smut diseases in cereal crops. Where rate ranges are shown, use the higher rate when disease pressure is expected to be severe.

MIXING INSTRUCTIONS
Apply Vibrance as a water-based slurry utilizing standard slurry treatment equipment which provides uniform seed coverage. Unwashed or incomplete seed coverage may not give the desired level of disease control. Thoroughly mix the specified amount of Vibrance into the required amount of water for the slurry treatment and dilution rate to be used. Follow the manufacturer application instructions for the seed treatment equipment being used. Maintain constant agitation of the slurry during the treatment. Use an EPA-approved dye or colorant that imparts an unnatural color to the seed as stated in 40 CFR 153.155 (1). Allow seed to dry before bagging.

Vibrance seed treatment is caused by Pythium spp. or Phytophthora spp. If these diseases are expected to be a problem, apply Vibrance with Apron XL® LS to seed treatment products that contain mancozeb as active ingredients. If Apron XL® LS is not registered on that crop, apply Vibrance as a tank mix with another labeled seed treatment product that has activity against these diseases. Consult the label for appropriate use rate and follow all use instructions for the products.

Follow the label directions for the most restrictive of label precautions and limitations. This product cannot be mixed with any product containing a label prohibition against such mixing.

TANK MIXES
Small-grain cereals (Wheat, Barley, Oats, Rye, and Triticale): Tank mix when a problem is expected with the diseases that are not controlled by Vibrance. Vibrance fungicide may be mixed with Dividend XL® RTA, Fungicide or Dividend Extreme® Fungicide for broad spectrum disease control of cereals. For protection from various insects, Vibrance fungicide may be mixed with Cruiser® SFS insecticide along with specified rates of Dividend Extreme seed treatments in commercial seed treatment facilities with closed transfer including closed mixing, loading, calibrating, and closed treatment equipment only. For combined protection from labelled insect pests and soil- and seed-borne pathogens, Vibrance fungicide may be mixed with Cruiser Maxx® Corns seed treatment or Cruiser Maxx® Cereals commercial seed treatment. Follow all appropriate directions, precautions, as specified on the respective product labels.

SEED BAG LABEL REQUIREMENTS
The Federal Seed Act requires that bags containing treated seeds shall be labeled with the following statements:

• This seed has been treated with sedaxane fungicide.
• Do not use for food, feed, or oil purposes.
• User is responsible for ensuring that the seed bag meets all requirements under the Federal Seed Act.

In addition, the U.S. Environmental Protection Agency requires the following statements on bags containing seed treated with Vibrance fungicide:
• Store away from food and feedstuffs.
• 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.
• Do not mix or combine treated seed. Left over treated seed may be discoloured around the headland or buried away from water sources in accordance with local requirements. Do not contaminate water bodies when disposing of planting equipment washwater.
• Dispose of seed packaging in accordance with local requirements.
• In the event of crop failure or harvest of a crop grown from Vibrance treated seed, the field may be replanted immediately to canola, soybean, and cereal grains (barley, oat, rye, triticale, and wheat). All other crops may be planted no less than 30 days after planting treated seeds.
• Excess treated seed may be used for ethanol production only if (1) it by-products are not used for livestock feed and (2) no measurable residues of pesticide remain in ethanol by-products that are used for agronomic practice.
• The maximum number of applications per season is 2.

CROP USE DIRECTIONS
Restrictions:
The maximum number of applications per season is 2.

<table>
<thead>
<tr>
<th>Crop</th>
<th>Disease Controlled</th>
<th>Use Rate</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Barley</td>
<td>True Loose Smut caused by &lt;i&gt;Ustilago nuda&lt;/i&gt;</td>
<td>0.08 - 0.16</td>
<td>2.5 – 5</td>
</tr>
<tr>
<td>Barley</td>
<td>Seed Decay, Seeding Blight and Damping-off caused by &lt;i&gt;Rhizoctonia solani&lt;/i&gt;</td>
<td>0.08 - 0.16</td>
<td>2.5 – 5</td>
</tr>
<tr>
<td>Wheat</td>
<td>Loose Smut caused by &lt;i&gt;Ustilago nivalis&lt;/i&gt;</td>
<td>0.08 - 0.16</td>
<td>2.5 – 5</td>
</tr>
<tr>
<td>Soybeans</td>
<td>Seed Decay, Seedling Blight and Damping-off caused by &lt;i&gt;Rhizoctonia solani&lt;/i&gt;</td>
<td>0.008 - 0.016</td>
<td>0.0038 - 0.0076</td>
</tr>
<tr>
<td>Canola</td>
<td>Seed Decay, Seedling Blight and Damping-off caused by &lt;i&gt;Rhizoctonia solani&lt;/i&gt;</td>
<td>0.008 - 0.016</td>
<td>2.5 – 5</td>
</tr>
</tbody>
</table>

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

Pesticide Storage: Store in original containers only. Keep container closed when not in use. Do not store near food or feed. In case of spill on floor or paved surfaces, mop and remove chemical waste storage area until proper disposal can be made if product cannot be used according to the label.

Pesticide Disposal: Pesticide wastes are toxic. 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 of the nearest EPA Regional Office for guidance.

Container Handling: Non-refillable container. Do not reuse or refill this container. Offer for recycling if available. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/5 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by state and local authorities.

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 and disposal of waste. In the event of a major spill, fire, or other emergency, call 1-800-888-4372, day or night.

CONTAINER IS NOT SAFE FOR FOOD, FEED OR DRINKING WATER.