



# ILEVO®

Net Contents:

**2.5 Gallons**

GROUP 7 FUNGICIDE

A systemic seed treatment for use on Soybean for the protection against damage caused by early season plant pathogenic nematodes. As a soybean seed treatment provides protection from seedling infections by *Fusarium virguliforme*, the causal agent of Sudden Death Syndrome.

**ACTIVE INGREDIENT:**

FLUOPYRAM: N-[2-[3-chloro-5-(trifluoromethyl)-2-pyridinyl]ethyl]-2-(trifluoromethyl)benzamide\* . . . . . **48.4%**

**OTHER INGREDIENTS:** . . . . . **51.6%**

**TOTAL: 100.0%**

Contains 5 lbs FLUOPYRAM per gallon (600 g FLUOPYRAM per liter)

\*(CAS Number 658066-35-4)

EPA Reg. No. 264-1167

SUSPENSION CONCENTRATE

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

See additional precautionary statements and directions for use on label.

Produced for:  
Bayer CropScience LP  
P.O. Box 12014, 2 T.W. Alexander Drive  
Research Triangle Park, North Carolina 27709  
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Product of Germany

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## FIRST AID

<b>IF SWALLOWED:</b>	<ul style="list-style-type: none"><li>• Call a poison control center or doctor immediately for treatment advice.</li><li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li><li>• Have person sip a glass of water if able to swallow.</li><li>• Do not give anything to an unconscious person.</li></ul>
<p><b>For MEDICAL Emergencies Call 24 Hours A Day 1-800-334-7577.</b> In case of emergency call toll free the Bayer CropScience Emergency Response Telephone No. 1-800-334-7577. Have a product container or label with you when calling a poison control center or doctor, or going for treatment.</p>	
<b>NOTE TO PHYSICIAN:</b> Treat Symptomatically.	

For **PRODUCT USE** Information Call 1-866-99BAYER (1-866-992-2937)

## 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):

Workers involved with treating the seed (e.g. connecting and disconnecting hoses and transfer pumps, mixing, equipment calibration, etc) and others 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 gloves (such as natural rubber, barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, polyethylene, polyvinyl chloride, or viton).

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

#### 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.
- User should 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 high water mark. Do not contaminate water when disposing of equipment washwater or rinsate. This product may impact surface water quality due to runoff of rain water. This is especially true for poorly

*(continued)*

draining soils and soils with shallow ground water. This product is classified as having high potential for reaching surface water via runoff for several months or more after application. 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 loading of FLUOPYRAM. Runoff of this product will be reduced by avoiding applications when rainfall or irrigation is expected to occur within 48 hours. Sound erosion control practices will reduce this product's potential to reach aquatic sediment via runoff.

This chemical has properties and characteristics associated with chemicals detected in ground water. This chemical may leach into groundwater if used in areas where soils are permeable, particularly where the water table is shallow.

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 Bayer CropScience supplemental labeling for this product.

### **PRODUCT INFORMATION**

ILeVO<sup>®</sup> is a seed treatment labeled for the control or suppression of certain plant pathogenic fungi and nematodes.

### **LABELED USES**

Soybean

### **RESISTANCE MANAGEMENT**

The active ingredient in ILeVO belongs to the pyridinyl-ethyl-benzamides (Group 7). 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. Bayer CropScience encourages responsible product stewardship to ensure effective long-term control of pests on this label.

### **ROTATIONAL CROP RESTRICTIONS**

The following crops can be replanted immediately following the last application of Fluopyram:

Artichoke, globe; Berry, low growing, except cranberry, subgroup 13-07G; Brassica, Head and Stem, subgroup 5A; Brassica Leafy Greens, subgroup 5B; Bushberry subgroup 13-07B; Caneberry subgroup 13-07A; Carrot; Cherry subgroup 12-12A; Corn, field, grain; Corn, pop, grain; Corn, sweet, kernel plus cob with husks removed; Cottonseed subgroup 20C; Dill seed; Fruit, citrus, group 10-10; Fruit, pome, group 11-10; Fruit, small vine climbing, except fuzzy kiwifruit, subgroup 13-07F; Ginseng; Grain, cereal, group 15 (except corn) which include: barley, buckwheat, millet (pearl and proso), oats, rice; rye, sorghum, teosinte, triticale, and wheat; Herb subgroup 19A; Hop, dried cones; Leafy greens subgroup 4A; Leaf petioles subgroup 4B (except watercress); Legume Vegetables (except cowpea and dried peas); Melon subgroup 9A; Nut, tree, group 14-12; Onion, bulb, subgroup 3-07A; Onion, green, subgroup 3-07B; Peach subgroup 12-12B;

*(continued)*

Plum subgroup 12-12C; Peanut; Pepper/eggplant subgroup 8-10B; Rapeseed subgroup 20A; Soybean; Squash/Cucumber subgroup 9B; Sugarbeet, roots; Sunflower subgroup 20B; Tomato subgroup 8-10A; Vegetable, root, except sugarbeet, subgroup 1B; Vegetable, tuberous and corm, subgroup 1C.

Alfalfa can be planted after 14 days and sugarcane can be planted after 14 days in Region 3.

Do not rotate to crops other than those listed above.

### **USE INFORMATION**

ILeVO is a seed treatment that when applied to seed, aids in protecting the seed and seedling against certain early season plant pathogenic fungi and nematodes that attack the root system. In areas of high nematode infestation additional control measures may be warranted. The use of ILeVO can suppress early season infection by *Fusarium virguliforme*, the causal agent of Sudden Death Syndrome.

### **COMPATIBILITY**

It is essential that before using ILeVO seed treatment in any tank mixture the compatibility of the mixture be established. Add ILeVO 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.**

### **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 ILeVO. 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 Bayer CropScience representative.

### **APPLICATION RATES**

Can be used in combination with other registered Bayer CropScience seed treatment fungicides and insecticides. Pre-test for compatibility with other seed treatment products.

SOYBEAN		
Disease Control	Application Rates	Product Instructions
Sudden Death Syndrome ( <i>Fusarium viguliforme</i> )	0.15 - 0.25 mg ai/seed or 1.18 to 1.97 fl oz (35 to 58 ml) / 140,000 soybean seeds	Apply using commercial slurry or mist-type seed treatment equipment. Uniform application of seed is necessary to ensure seed safety and best disease protection. Dilute product with sufficient water to ensure complete seed coverage. Apply to high quality, properly cleaned seeds.
Early-season Septoria Brown Spot ( <i>Septoria glycines</i> )		
Soilborne Nematodes ( <i>Heterodera glycines</i> , <i>Meloidogyne incognita</i> , <i>Rotylenchulus reniformis</i> , <i>Pratylenchus</i> spp., <i>Hoplolaimus</i> spp.)	0.075 - 0.25 mg ai/seed or 0.6 to 1.97 fl oz (18 to 58 ml)/ 140,000 soybean seeds	This product does not contain colorant. The purchaser of this product is responsible for ensuring that all seed treated with this product are adequately dyed with a suitable color 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 153.155.
<b>Restrictions:</b>		
<ul style="list-style-type: none"> <li>• Seeds may not be broadcast planted.</li> <li>• Regardless of formulation or method of application soil, foliar or seed treatment, do not apply more than 0.446 lbs of fluopyram per acre per year.</li> <li>• Do not allow livestock to graze soybean forage or hay for 7 days after application and do not harvest soybean forage or bean hay for food or feed for 7 days after application.</li> </ul>		

## SEED BAG TAG

The Federal Seed Act requires that the container of seed treated with ILeVO must be labeled with the following statements:

This seed has been treated with ILeVO, which contains **48.4% of Fluopyram**.

Do not use treated seed for food, feed, or oil purposes. 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.

- Store treated seeds away from food and feedstuffs.
- Do not allow children, pets, or livestock to have access to treated seed.
- Wear long-sleeved shirt, long pants and chemical-resistant gloves when handling treated seed.
- Treated seeds exposed on soil surface may be hazardous to wildlife. Cover or collect treated seeds spilled during loading.
- Dispose of all excess treated seed. Leftover treated seed may be buried away from water sources in accordance with local requirements.
- Do not contaminate water bodies when disposing of planting equipment wash waters.
- Treated seed must be adequately covered with soil at planting.
- Dispose of seed packaging or containers in accordance with local requirements. 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 local federal regulations.
- Do not graze or feed soybean forage and hay to livestock after treating with ILeVO.
- Treated at manufacturer's recommended rate.

# STORAGE AND DISPOSAL

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

## **PESTICIDE STORAGE**

Store in original container away from feed and food. Store in cool, dry area. Do not store in direct sunlight. Do not allow prolonged storage in temperatures that exceed 105°F (40°C) or in temperatures that fall below 14°F (-10°C).

## **PESTICIDE DISPOSAL**

To avoid wastes, use all material in this container by application according to label directions. If wastes cannot be avoided, offer remaining product to a waste facility or pesticide disposal program (often such programs are run by state or local governments or by industry).

## **CONTAINER HANDLING**

### **Dilutable Seed Treatment Products in Non-Refillable Plastic Containers**

Rigid, Non-refillable containers (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.

Once container is rinsed, offer for recycling if available or puncture and dispose of in a sanitary landfill.

## **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 Bayer CropScience, 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 Bayer CropScience. All such risks shall be assumed by the user or buyer.

**DISCLAIMER OF WARRANTIES:** TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BAYER CROPSCIENCE 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 Bayer CropScience is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BAYER CROPSCIENCE 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 BAYER CROPSCIENCE'S ELECTION, THE REPLACEMENT OF PRODUCT.

ILeVO is specially formulated and sold by Bayer CropScience LP for the control of various pathogens according to the directions on this label. The purchase price of ILeVO includes a prepaid license under which purchaser agrees to employ the purchased quantity of ILeVO only for the above-specified uses and to provide notice of the terms and conditions of this license to any subsequent purchaser. Uses of ILeVO other than those specified on this label are not licensed through the purchase of this product.

**Bayer**





**NET CONTENTS: 2 1/2 GALLONS**

**A systemic seed treatment for use on Soybean for the protection against damage caused by early season plant pathogenic nematodes. As a soybean seed treatment provides protection from seedling infections by *Fusarium virguliforme*, the causal agent of Sudden Death Syndrome.**

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\*(CAS Number 658066-35-4)

**EPA Reg. No. 264-1167**

**SUSPENSION CONCENTRATE**

## KEEP OUT OF REACH OF CHILDREN CAUTION

**See additional precautionary statements and directions for use on label.**

**FIRST AID**

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**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.

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.

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