

Group

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Fungicide

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ACCELERON[®]

D-612

Fungicide Seed Treatment

For commercial use only
Seed treatment for cotton and soybean

Active Ingredient:

fluxapyroxad*: 1H-pyrazole-4-carboxamide,3-(difluoromethyl)-

1-methyl-N-(3',4',5'-trifluoro[1,1'-biphenyl]-2-yl)..... 28.7%

Other Ingredients: 71.3%**Total:** 100.0%

* Equivalent to 2.72 pounds of active ingredient per gallon

EPA Reg. No. 7969-308-264

EPA Est. No. 51036-GA-001

KEEP OUT OF REACH OF CHILDREN
CAUTION/PRECAUCION

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.)

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.
For MEDICAL And TRANSPORTATION Emergencies ONLY Call 24 Hours A Day 1-800-334-7577. For PRODUCT USE Information Call 1-866-99BAYER (1-866-992-2937).

Net Contents: 1.5 gallons

MON62801288B 210128B 11/21

PRODUCED FOR: Bayer CropScience LP • 800 N. Lindbergh Blvd
St. Louis, Missouri 63167
Product of Germany

FIRST AID

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 to an unconscious person.

HOTLINE NUMBER

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

For MEDICAL And TRANSPORTATION Emergencies ONLY Call 24 Hours A Day 1-800-334-7577.

Precautionary Statements

Hazards to Humans and Domestic Animals

CAUTION. Harmful if swallowed.

Personal Protective Equipment (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material including 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
- Shoes plus socks

* Includes natural rubber blends and laminates

User Safety Requirements

Follow the manufacturer's instructions for cleaning and 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.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. As soon as possible, wash thoroughly and change into clean clothing.

Environmental Hazards

This pesticide is toxic to fish and aquatic invertebrates. Runoff may be hazardous to aquatic organisms in water adjacent to treated areas. Treated seed exposed on the soil surface may be hazardous to birds and other wildlife. Cover or incorporate all treated seed. For terrestrial uses, **DO NOT** contaminate water when disposing of equipment wash waters, rinsate, or treated seed.

DO NOT discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. **DO NOT** discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or the regional office of the EPA.

Groundwater Advisory

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

Surface Water Advisory

This product may impact surface water quality due to runoff of rain water. This is especially true for poorly draining soils and soils with shallow ground water.

This product is classified as having a 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 including ponds, streams, and springs will reduce the potential loading of flupoxpyroxad from runoff water and sediment. Runoff of this product will be reduced by avoiding the planting of treated seed when rainfall or irrigation is expected to occur within 48 hours.

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.

Acceleron D-612 Fungicide Seed Treatment is not for sale, distribution, or use in Nassau and Suffolk counties in New York State.

STORAGE AND DISPOSAL

DO NOT contaminate water, food, or feed by storage or disposal.

Pesticide Storage

Store in original containers only. Keep container closed when not in use. DO NOT store near food or feed.

Pesticide Disposal

Wastes resulting from using this product may be disposed of on-site or at an approved waste disposal facility. If these wastes cannot be disposed of according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representatives at the nearest EPA Regional Office for guidance.

Container Handling

Nonrefillable Container. DO NOT reuse or refill this container. Triple rinse or pressure rinse container (or equivalent) promptly after emptying; then offer for recycling, if available, or reconditioning, if appropriate, or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures approved by state and local authorities.

Triple rinse containers small enough to shake (capacity \leq 5 gallons) 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.

Triple rinse containers too large to shake (capacity > 5 gallons) as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 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.

Pressure rinse as follows: Empty the remaining contents into application equipment or 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.

In Case of Emergency

In case of large-scale spillage regarding this product, call:

- CHEMTREC 1-800-424-9300
- BAYER CROPSCIENCE LP 1-800-334-7577

In case of medical emergency regarding this product, call:

- Your local doctor for immediate treatment
- Your local poison control center (hospital)
- For Emergencies ONLY Call 24 Hours A Day 1-800-334-7577

Steps to be taken in case material is released or spilled:

- In case of spill on floor or paved surfaces, mop and remove to chemical waste storage area until proper disposal can be made if product cannot be used according to label.
- Dike and contain the spill with inert material (sand, earth, etc.) and transfer liquid and solid diking material to separate containers for disposal.
- Remove contaminated clothing and wash affected skin areas with soap and water.
- Wash clothing before reuse.
- Keep the spill out of all sewers and open bodies of water.

Product Information

Acceleron D-612 Fungicide Seed Treatment is a broad-spectrum fungicide that provides preventive seed and seedling protection from several seed-borne and soilborne diseases. Make all applications according to the use directions in this label. Use the higher rates of **Acceleron D-612 Fungicide Seed Treatment** when disease pressure is expected to be high.

Resistance Management

Fluxapyroxad, the active ingredient of **Acceleron D-612 Fungicide Seed Treatment**, belongs to the group of respiration inhibitors classified by the U.S. EPA and Canada PMRA as a target-site-of-action Group 7 fungicide. Because of the minimal amounts of **Acceleron D-612 Fungicide Seed Treatment** applied to the seed, the potential for development of resistance is low. Therefore, **Acceleron D-612 Fungicide Seed Treatment** seed treatments can be followed by foliar use. Follow resistance management guidelines of foliar use fungicides containing fluxapyroxad as specified on the respective labels.

Application Instructions

For use at commercial treatment facilities.

Apply **Acceleron D-612 Fungicide Seed Treatment** as a water-based mixture using standard slurry or mist-type seed treatment application equipment. The exact amount of water needed to provide the mixture or slurry rate (ml/100 kg or oz/cwt of seed) for optimum coverage is difficult to predict because weather conditions (hot or cold), seed type and surface, and equipment used all have a bearing on coverage. Consult a seed treatment specialist regarding specified slurry rates for the crop seed to be treated with **Acceleron D-612 Fungicide Seed Treatment**. The required amount of **Acceleron D-612 Fungicide Seed Treatment** must then be diluted with the specified amount of water that will provide uniform and complete coverage on the seed surface. Uniform application on seed and complete seed coverage are necessary for seed safety and best disease protection. Seed must be of a good quality and well cleaned before treatment.

The purchaser of **Acceleron D-612 Fungicide Seed Treatment** is responsible for ensuring that all seed treated with this product are adequately dyed with a suitable color to prevent accidental use as food for man or feed for animals. Refer to 21CFR, Part 2.25. Use an

EPA-approved dye or colorant that imparts an unnatural color to the seed. Any dye or colorant added to treated seed must be cleared for use under 40CFR, Part 180.900, "Exemptions from the requirement of a tolerance". Federal regulations have established official tolerances or exemptions from tolerances for residues on food and forage crops that must not be exceeded when the product (dye or colorant) is used at specified rates.

Consult the seed treatment specialist for calibration and operation procedures of the seed treatment equipment being used. Mechanical agitation is required for proper mixing of **Acceleron D-612 Fungicide Seed Treatment**. Prepare no more mixture of **Acceleron D-612 Fungicide Seed Treatment** than is needed for immediate treating.

Add 3/4 of the required volume of water to the mix tank.

With agitation running, add the required amount of **Acceleron D-612 Fungicide Seed Treatment** in the tank along with other seed treatment components. Add the remaining 1/4 amount of the required volume of water. Use the mixing sequence that follows in the **Tank Mixing Instructions** section. Agitate thoroughly before and during application.

Acceleron D-612 Fungicide Seed Treatment with Tank Mix Partners

Acceleron D-612 Fungicide Seed Treatment mixes easily with water and other water-based seed treatments. When using **Acceleron D-612 Fungicide Seed Treatment** in a tank mixture with seed treatment products, observe all directions for use, crops/sites, use rates, dilution ratios, precautions, limitations, and restrictions that appear on the tank mix partner label. Label dosage or application rate must not be exceeded, and the most restrictive label precautions, limitations and restrictions must be followed. **Acceleron D-612 Fungicide Seed Treatment** must not be mixed with any product that prohibits such mixing. All applications must be made according to the use directions.

When mixing **Acceleron D-612 Fungicide Seed Treatment** with seed treatment products, test the compatibility before use by conducting a jar test as follows:

1. Mix all intended seed treatments with the appropriate amount of water in a clear glass container.
2. Mix well and allow to sit for 1 hour.
3. Remix and observe for incompatibility.

Physical compatibility is only part of compatibility. Testing also needs to be done with the seed to make sure the combination of products does not have detrimental effects on the seed.

Tank Mixing Instructions

1. Add 3/4 of the required amount of water to the mix tank and turn on the agitation. Mechanical agitation is preferred.
2. Use the following mixing sequence: dye or colorant, wet table powders, soluble powders, flowable formulations, emulsifiable concentrates, and remaining 1/4 of the required water. The 1/4 of the required water as the last item for addition to the premix tank can be used as rinsewater for the chemical container or to adjust the total slurry to compensate for water displacement by powdered products.
3. Maintain agitation until the entire slurry mixture has been used.
4. Ensure that seed is dry before bagging.

SEED LABELING NOTE

Federal law requires that bags of treated seed be labeled with the following information:

"This seed has been treated with **Acceleron D-612 Fungicide Seed Treatment** containing fluxapyroxad. DO NOT use treated seed for food, feed or oil purposes. Store treated seed away from food and feedstuffs. DO NOT allow children, pets or livestock to have access to treated seed. Wear long pants, long-sleeved shirt and protective gloves when handling treated seed.

Treated seed exposed on soil surfaces may be hazardous to wildlife. Plant treated seed into the soil to the specified minimum depth or greater to minimize exposure. For cotton, the minimum depth is 1/2 inch. Cover or collect treated seed spilled during loading and planting, in particular at row ends and field corners.

Dispose of all excess treated seed by burying seed away from bodies of water. DO NOT contaminate bodies of water when disposing of planting equipment wash water. Dispose of seed packaging or containers 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 pesticide remain in ethanol by-products that are used in agronomic practice.

In the event of crop failure or harvest of a crop grown from this seed, the field may be replanted immediately with barley, berries and small fruits, Brassica leafy vegetables, bulb vegetables, corn (all types), cotton, cucurbit vegetables, dried shelled peas and beans, edible-podded legume vegetables, fruiting vegetables, grapes, leafy vegetables, mint (spearmint and peppermint), nongrass animal feeds (forage, fodder, straw, and hay), oat, oilseed crops (including flax seed, rapeseed and sunflower), peanut, pome fruits, rice, root vegetables, rye, sorghum and millet, soybean, stone fruits, strawberries, succulent shelled peas and beans, sugar beet, sugarcane, tree nuts, tuberous and corn vegetables (including potato), wheat and triticale or any other crop for which a tolerance for fluxapyroxad exists. For all other crops, the minimum plant back interval is 12 months from the date this seed was planted. A cover crop without a tolerance for fluxapyroxad may be planted for purposes of erosion control or soil improvement; however, the crop must not be grazed or harvested for food or feed."

Acceleron D-612 Fungicide Seed Treatment Crop-specific Use Directions for Seed Treatment

Crop	Target Disease	Product Use Rate ml/100 kg seed (grams ai/100 kg seed)	Product Use Rate* fl ozs/100 lbs seed (lb ai/100 lbs seed)
Cotton	Control of Seed and seedling disease (damping-off) caused by <i>Rhizoctonia solani</i>	61 to 123 (20 to 40)	0.94 to 1.88 (0.02 to 0.04)
	Suppression of seed and seedling disease caused by <i>Fusarium</i> spp.		(0.02 to 0.04 mg ai per seed) ^f
	Suppression of black root rot caused by <i>Thielaviopsis basicola</i>	123 (40)	1.88 (0.04) (0.04 mg ai per seed) ^f
Soybean (<i>Glycine</i> spp.)	Control of Seed and seedling disease (damping-off) caused by <i>Rhizoctonia solani</i> and <i>Fusarium solani</i>	15 to 31 (5 to 10)	0.24 to 0.47 (0.005 to 0.01)
	Suppression of seed and seedling disease caused by <i>Fusarium</i> spp. and <i>Phomopsis</i> spp.		(0.0082 to 0.0161 mg ai per seed) ^f

* mg ai per seed rates based on the following seed weights:

- ¹ Cotton – 4,500 seeds per pound
- ² Soybean – 2,800 seeds per pound

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 LP (Bayer), 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. All such risks shall be assumed by the user or buyer.

DISCLAIMER OF WARRANTIES: TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BAYER 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 Bayer 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 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 BAYER'S ELECTION, THE REPLACEMENT OF PRODUCT.

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NVA 2019-04-369-0117

Group 7 Fungicide

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Seed treatment for cotton and soybean

Active Ingredient:

flupyroxad*: 1H-pyrazole-4-carboxamide,3-(difluoromethyl)-
1-methyl-N-(3',4',5'-trifluoro[1,1'-biphenyl]-2-yl)- 28.7%

Other Ingredients: 71.3%

Total: 100.0%

* Equivalent to 2.72 pounds of active ingredient per gallon

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Precautionary Statements: Hazards to Humans and Domestic Animals: CAUTION. Harmful if swallowed. Personal Protective Equipment (PPE) Applicators and other handlers must wear: Long-sleeved shirt and long pants. Chemical-resistant gloves made of any waterproof material including 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. Shoes plus socks. *Includes natural rubber blends and laminates. Follow the manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables exist, use detergent, and hot water. Keep and wash PPE separately from other laundry. Environmental Hazards: This pesticide is toxic to fish and aquatic invertebrates. Runoff may be hazardous to aquatic organisms in water adjacent to treated areas. Treated seed exposed on the soil surface may be hazardous to birds and other wildlife. 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Pesticide Disposal: Wastes resulting from using this product may be disposed of on-site or at an approved waste disposal facility. If these wastes cannot be disposed of according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representatives at the nearest EPA Regional Office for guidance. Container Handling: Nonrefillable Container. DO NOT reuse or refill this container. Triple rinse or pressure rinse container (or equivalent) promptly after emptying; then offer for recycling, if available, or reconditioning, if appropriate, or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures approved by state and local authorities. Triple rinse containers small enough to shake (capacity ≤ 5 gallons) 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. 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