

# OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

February 26, 2025

Carolyn Miter Registrations Specialist Albaugh, LLC PO Box 2127 Valdosta, GA 31604

Subject: Label Amendment - Registration Review Mitigation for Fludioxonil

Product Name: Fludioxonil 4L ST EPA Registration Number: 42750-248

Application Dates: February 20, 2019 and October 4, 2024

Decision Number: 596690

# Dear Carolyn Miter:

The Agency, in accordance with the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, has completed reviewing all the information submitted with your application to support the Registration Review of the above referenced product in connection with the Fludioxonil Interim Decision, and has concluded that your submission is acceptable. The label referred to above, submitted in connection with registration under FIFRA, as amended, is acceptable.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide, Fungicide, and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance Assurance.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling and must be used at your next label printing. You must

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submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 12 months from the date of this letter. After 12 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

If you have any questions about this letter, please contact Tracy Jackson by phone at 202-566-2268, or via email at <a href="mailto:jackson.tracy@epa.gov">jackson.tracy@epa.gov</a>.

Sincerely,

Linda Arrington, Branch Chief

Risk Management and Implementation Branch 4
Pesticide Re-Evaluation Division

Office of Pesticide Programs

**ENCLOSURE: Stamped label** 

FLUDIOXONIL GROUP 12 FUNGICIDE

# FLUDIOXONIL 4L ST

# Fungicide

A seed treatment product for protection against certain seed and seedling diseases of crop plants

# ACTIVE INGREDIENT: Fludioxonil (CAS No. 131341-86-1). 40.3% OTHER INGREDIENTS: 59.7% TOTAL: 100.0%

FLUDIOXONIL 4L ST contains 4 lbs. active ingredient per gallon.

KEEP OUT OF REACH OF CHILDREN.

# **CAUTION**

See additional precautionary statements and directions for use inside booklet.

|   | FIRST AID  |  |  |  |  |
|---|--|--|--|--|--|
| IF ON SKIN<br>OR  | <ul> <li>Take off contaminated clothing.</li> <li>Rinse skin immediately with plenty of water for 15-20 minutes.</li> </ul>  |  |  |  |  |
| CLOTHING  | Call poison control center or doctor for treatment advice.   |  |  |  |  |
| IF IN EYES  | <ul> <li>Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>Remove contact lenses, if present, after the first five minutes, then continue rinsing eye.</li> </ul> |  |  |  |  |
|   | Call poison control center or doctor for treatment advice.   |  |  |  |  |
| IF INHALED  | Move person to fresh air.     If person is not breathing, call 911 or an ambulance, then give artificial respiration,  |  |  |  |  |
|   | preferably by mouth-to-mouth, if possible.  • Call poison control center or doctor for further treatment advice.   |  |  |  |  |
| Have the product container or label with you when calling a poison control center or doctor, or going for treatment.  HOT LINE NUMBER - For 24 Hour Emergency Assistance for Incidents involving this product call CHEMTREC at 1-800-424-9300 |  |  |  |  |  |

EPA Reg. No. 42750-248

EPA Est. No. 42750-MO-1

MANUFACTURED BY: Albaugh, LLC Ankeny, IA 50021

# ACCEPTED

Feb 26, 2025

Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 407750 040

42750-248

# PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

# CAUTION

Harmful if absorbed through skin or inhaled. Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing. Avoid breathing vapors or spray mist.

# PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves, made of barrier laminate, butyl rubber ≥14 mils, nitrile rubber ≥14 mils, neoprene rubber ≥14 mils, polyvinyl chloride (PVC) ≥14 mils or 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 used closed systems in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

# **USER SAFETY RECOMMENDATIONS**

Users should:

- 1. Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- 2. Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- 3. 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 product is toxic to fish and aquatic invertebrates. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean highwater mark. Do not contaminate water when disposing of equipment wash water or rinsates.

# **CHEMICAL HAZARDS**

Do not store near or use with oxidizing agents.

# DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

FLUDIOXONIL 4L ST must be used only in accordance with directions on this label or in separately published Albaugh, LLC supplemental labeling approved by EPA for this product.

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 12 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
- Chemical-resistant gloves, made of barrier laminate, butyl rubber ≥14 mils, nitrile rubber ≥14 mils, neoprene rubber ≥14 mils, polyvinyl chloride (PVC) ≥14 mils, or 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, AND/OR ILLEGAL RESIDUES.

Treatment of highly mechanically scarred or damaged seed, or seed known to be of low vigor and poor quality, except for the purpose of curative control of existing disease pests, may result in reduced germination and/or reduction of seed and seedling vigor. Treat using equipment similar to that planned for treating the total seed lot. Conduct germination tests on a small portion of seed before committing the total seed lot to a selected seed treatment. Due to seed quality and seed storage conditions beyond the control of Albaugh, LLC, no claims are made to guarantee the germination of carry-over seed or propagating material for all crop seed.

#### PRODUCT INFORMATION

FLUDIOXONIL 4L ST is a seed treatment fungicide which provides protection against certain soil-borne and seed-borne diseases of crop plants. FLUDIOXONIL 4L ST is active against *Fusarium*, *Rhizoctonia*, *Helminthosporium*, and weakly pathogenic fungi such as *Aspergillus* and *Penicillium*. When rate ranges are given, use higher rate when disease pressure is expected to be severe.

FLUDIOXONIL 4L ST does not control diseases caused by Pythium spp. or Phytophthora spp. If these diseases are expected to be a problem, apply FLUDIOXONIL 4L ST tank mixed with Apron XL®. If Apron XL is not registered on that crop, apply Maxim 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.

# MIXING PROCEDURES

Apply FLUDIOXONIL 4L ST as a water-based slurry utilizing standard slurry seed treatment equipment which provides uniform seed coverage. Uneven or incomplete seed coverage may not give the desired level of disease control. Thoroughly mix the specified amount of FLUDIOXONIL 4L ST into the required amount of water for the slurry treater 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. Allow seed to dry before bagging.

# SEED BAG LABEL REQUIREMENTS

The Federal Seed Act requires that containers containing treated seeds shall be labeled with the following statements:

- This seed has been treated with Fludioxonil seed treatment.
- Do not use treated seed for feed, food, or oil purposes.

The U.S. Environmental Protection Agency requires the following statements on containers containing seed treated with fludioxonil:

- Store treated seed away from food and feedstuffs.
- Do not allow children, pets or livestock to have access to treated seeds.
- Wear long pants, long-sleeved shirt and protective 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.
- 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 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.
- Forage may not be grazed until 30 days after planting.

All seed must be adequately dyed with a suitable colorant 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 40 CFR, part 153.155.

# RESISTANCE MANAGEMENT

#### GROUP 12 FUNGICIDE

FLUDIOXONIL 4L ST is a protective fungicide used to aid in the control of soil-borne diseases.

FLUDIOXONIL 4L ST contains fludioxonil which is in the phenylpyrrole class of chemistry and has a unique mode of action, which prevents fungal respiration (Fungicide Action Group 12). Fungal isolates with acquired resistance to Group 12 may eventually dominate the fungal population if Group 12 fungicides are used repeatedly or in successive years as the primary method of control for targeted species. This may result in partial or total loss of control of those species by fludioxonil or other Group 12 fungicides. A disease management program that includes alternation or tank mixes between FLUDIOXONIL 4L ST and other labeled fungicides that have a different mode of action, may prevent pathogen populations from developing resistance. Cultural practices to minimize disease are also recommended to aid in control, as well as to assist in preventing/delaying resistance development.

To delay fungicide/bactericide resistance, take one or more of the following steps:

- Rotate the use of FLUDIOXONIL 4L ST or other Group 12 fungicides/bactericides within a growing season sequence with different groups that control the same pathogens.
- Use tank mixtures with fungicide/bactericides from a different group that are equally effective on the target pest when such use is permitted. Use at least the minimum application rate as labeled by the manufacturer.
- Adopt an integrated disease management program for fungicide/bactericide use that includes scouting, uses historical information related to pesticide use, and crop rotation, and which considers host plant resistance, impact of environmental conditions on disease development, disease thresholds, as well as cultural, biological and other chemical control practices.
- Where possible, make use of predictive disease models to effectively time fungicide/bactericide applications. Note that using predictive models alone is not sufficient to manage resistance.
- Monitor treated fungal/bacterial populations for resistance development.
- Contact your local extension specialist or certified crop advisor for any additional pesticide resistance-management and/or 1PM recommendations for specific crops and pathogens.
- For further information or to report suspected resistance contact Albaugh, LLC at (1-800-247-8013) or at (www.albaugh.com). You can also contact your pesticide distributor or university extension specialist to report resistance.

# BRASSICA (COLE) LEAFY VEGETABLE GROUP

Broccoli (including Chinese and raab), brussels sprouts, cabbage (including Chinese bok choy, Chinese napa, and Chinese mustard), cauliflower, cavalo broccola, collards, kale, kohlrabi, mizuna, mustard greens, mustard spinach, and rape greens.

For protection against seed-borne and soil-borne fungi which cause decay, damping-off, and seedling blight, apply 0.08 - 0.16 fl. oz. of FLUDIOXONIL 4L ST per 100 lbs. of seed.

# **BULB VEGETABLES**

Garlic (including great headed), leek, onion (dry bulb and green), welch onion, and shallot.

For protection against seed-borne and soil-borne fungi which cause decay, damping-off, and seedling blight, apply 0.08 - 0.16 fl. oz. of FLUDIOXONIL 4L ST per 100 lbs. of seed or propagating material.

# CEREAL GRAINS (INCLUDES FORAGE AND SILAGE)

Barley, buckwheat, corn (field corn, popcorn, and sweet corn), millet (pearl and proso), oats, rice, rye, sorghum, teosinte, triticale, wheat, and wild rice.

Corn (Field Corn and Popcorn):

For protection against seed-borne and soil-borne fungi which cause seed decay, damping-off, and seedling blights, and for control of seed-borne head smut (*Sphacelotheca reiliana*), apply FLUDIOXONIL 4L ST as shown below. For *Pythium* spp. control, use FLUDIOXONIL 4L ST in combination with labeled rates of Apron XL and Dynasty®. Observe all precautions, limitations, rates, and directions for use on the respective labels before applying.

| Fluid Ounces/ 100 lbs. seed | Fluid Ounces/80,000 kernel count | Mg active ingredient per kernel |
|-----------------------------|----------------------------------|---------------------------------|
| 0.08                        | 0.036                            | 0.0064                          |

| 0.16 | 0.072 | 0.0128 |
|------|-------|--------|
| 0.10 | 0.072 | 0.0120 |

FLUDIOXONIL 4L ST contains 14.18 grams of active ingredient per ounce.

# Grain Sorghum:

For protection against seed-borne and soil-borne fungi which cause seed decay, damping-off, and seedling blights, apply 0.08 - 0.16 fl. oz. of FLUDIOXONIL 4L ST per 100 lbs. of seed (0.0008 - 0.0016 mg fludioxonil per seed\*).

Apply Apron XL in combination with FLUDIOXONIL 4L ST for protection against damping-off due to *Pythium* spp. Apply 0.32 - 0.64 fl. oz. of Apron XL per 100 lbs. of seed (0.0023 – 0.0047 mg mefenoxam per seed\*) tank mixed with labeled rates of FLUDIOXONIL 4L ST.

For systemic downy mildew control on cultivars which possess sorghum downy mildew resistance, apply 0.64 fl. oz. of Apron XL per 100 lbs. of seed (0.0047 mg mefenoxam per seed\*) as a tank mix with recommended rates of FLUDIOXONIL 4L ST. To those cultivars which do not possess resistance to a particular race of sorghum downy mildew grown in areas with recent history of severe disease, apply 1.28 fl. oz. of Apron XL (0.0094 mg mefenoxam per seed\*) tank mixed with recommended rates of FLUDIOXONIL 4L ST. Follow all application instructions found on the Apron XL label.

\*Based upon 14,500 seeds per pound of sorghum seed.

Note: Seed treated with the 1.28 fl. oz. of Apron XL should be planted and not stored or carried over to the following year. Only high quality sorghum seed (>90% germ) should be treated with Apron products.

#### Rice:

For protection against seed-borne and soil-borne fungi which cause seed decay, damping-off, and seedling blights, apply 0.02 to 0.08 fl. oz. of FLUDIOXONIL 4L ST per 100 lbs. of seed.

# Sweet Corn:

For protection against seed-borne and soil-borne fungi which cause seed decay, damping-off, and seedling blights, apply 0.08 fl. oz. of FLUDIOXONIL 4L ST per 100 lbs. of seed.

Apply Apron XL seed treatment product in combination with FLUDIOXONIL 4L ST for protection against damping-off due to *Pythium* spp. Apply Apron XL at 0.32 fl. oz. per 100 lbs. of seed tank mixed with the label rates of FLUDIOXONIL 4L ST. For protection against systemic downy mildew of sweet corn, apply Apron XL at 1.28 fl. oz. per 100 lbs. of seed tank mixed with label rates of FLUDIOXONIL 4L ST. Follow application and other instructions found on the Apron XL product label.

For all other cereal crops: For protection against seed-borne and soil-borne fungi which cause seed decay, damping-off, and seedling blights, apply 0.08 - 0.16 fl. oz. of FLUDIOXONIL 4L ST per 100 lbs. of seed.

# Important:

- (1) Do not use treated seed for feed, food, or oil.
- (2) Cereal forage may not be grazed until 30 days after planting.

#### **CUCURBIT VEGETABLES**

Chayote, Chinese waxgourd, citron melon, cucumber, gherkin, gourd edible (includes hyotan, cucuzza, hechima, Chinese okra), momordica, all muskmelon, pumpkin, all squash, and watermelon.

For protection against seed-borne and soil-borne fungi which cause decay, damping-off, and seedling blight, apply 0.08 - 0.16 fl. oz. of FLUDIOXONIL 4L ST per 100 lbs. of seed.

#### FLAX, COTTON, CRAMBE, JOJOBA, LESQUERELLA, RAPE, SAFFLOWER, SUNFLOWER

For protection against seed-borne and soil-borne fungi which cause decay, damping-off, and seedling blight, apply 0.08 - 0.16 fl. oz. of FLUDIOXONIL 4L ST per 100 lbs. of seed.

For sunflower, apply 0.08 - 0.16 fl. oz. of FLUDIOXONIL 4L ST per 100 lbs. of seed or 0.0025 - 0.005 mg active ingredient per seed.

#### FRUITING VEGETABLES EXCEPT CUCURBITS

Eggplant, groundcherry, pepino, pepper (includes bell pepper, chili pepper, cooking pepper, pimento, sweet pepper), tomatillo, and tomato.

For protection against seed-borne and soil-borne fungi which cause decay, damping-off, and seedling blight, apply 0.08 - 0.16 fl. oz. of FLUDIOXONIL 4L ST per 100 lbs. of seed.

# GRASS FORAGE, FODDER, AND HAY

All grasses (including turfgrass, bermudagrass, bluegrass, and fescue or bromegrass), Gramineae family (either green or cured) except sugarcane and those included in the cereal grains group, that will be fed to or grazed by livestock, all pasture and range grasses and grasses grown for hay or silage.

For protection against seed-borne and soil-borne fungi which cause decay, damping-off, and seedling blight, apply 0.08 - 0.16 fl. oz. of FLUDIOXONIL 4L ST per 100 lbs. of seed or propagating root or tuber material.

Important: Forage may not be grazed until 30 days after planting.

#### HERBS AND SPICES

All spice, angelica, anise, anise (star), annatto, balm, basil, borage, burnet, camomile, caper buds, caraway, caraway black, cardamom, cassia bark, cassia buds, catnip, celery seed, chervil, chive, Chinese chive, cinnamon, clary, clove buds, coriander (Chinese parsley or cilantro), costmary, culantro (seed), cumin, curry (leaf), dill seed and dill weed, common fennel and florence fennel, fenugreek, grains of paradise, horehound, hyssop, juniper berry, lavender, lemongrass, lovage, lovage seed, mace, marigold, marjoram, mustard (seed), nasturtium, nutmeg, parsley (dried), pennyroyal, pepper (black and white), poppy seed, rosemary, rue, saffron, sage, savory (summer and winter), sweet bay, tansy, tarragon, thyme, vanilla, wintergreen, woodruff, wormwood.

For protection against seed-borne and soil-borne fungi which cause decay, damping-off, and seedling blight, apply 0.08 - 016 fl. oz. of FLUDIOXONIL 4L ST per 100 lbs. of seed or propagating root or tuber material.

# LEAFY VEGETABLES (EXCEPT BRASSICA)

Amaranth (leafy, Chinese spinach, tampala), arugula, cardoon, celery (including Chinese), celtuce, chervil, chrysanthemum (edible-leaved and garland), corn salad, cress (garden and upland), dandelion,

dock, endive, fennel (finochio), lettuce (head and leaf), orach, parsley, purslane (garden and winter), radicchio, rhubarb, spinach (including New Zealand and vine), and swiss chard.

For protection against seed-borne and soil-borne fungi which cause decay, damping-off, and seedling blight, apply 0.08 - 0.16 fl. oz. of FLUDIOXONIL 4L ST per 100 lbs. of seed.

# LEGUME VEGETABLES (SUCCULENT OR DRY) (EXCEPT SOYBEANS)

Bean (*Lupinus* spp. - includes grain lupin, sweet lupin, and white lupin), bean (*Phaseolus* spp. - includes field bean, kidney bean, lima bean, navy bean, pinto bean, runner bean, snap bean, tepary bean, and wax bean), bean (*Vigna* spp. - includes adzuki bean, asparagus bean, blackeyed pea, catjang, Chinese longbean, cowpea, crowder pea, moth bean, mung bean, rice bean, southern pea, urd bean, and yardlong bean), broad bean, chickpea, guar, jackbean, lablab bean, lentils, pea (dwarf, edible-pod, English, field, garden, green, snow, sugar snap), pigeon pea, soybean (immature), and sword bean.

For protection against seed-borne and soil-borne fungi which cause decay, damping-off, and seedling blight, apply 0.08 - 0.16 fl. oz. of FLUDIOXONIL 4L ST per 100 lbs. of seed or propagating root or tuber material.

# NON-GRASS ANIMAL FEEDS (FORAGE, FODDER, STRAW, AND HAY)

Alfalfa, bean (velvet), clover, kudzu, lespedeza, lupin, sainfoin, trefoil, vetch (including crown vetch and milk vetch).

For protection against seed-borne and soil-borne fungi which cause decay, damping-off, and seedling blight, apply 0.08 - 0.16 fl. oz. of FLUDIOXONIL 4L ST per 100 lbs. of seed.

Important: Forage may not be grazed until 30 days after planting.

# **PEANUTS**

For protection against seed-borne and soil-borne fungi which cause decay, damping-off, and seedling blight, apply 0.08 - 0.16 fl. oz. of FLUDIOXONIL 4L ST per 100 lbs. of seed.

# ROOT AND TUBER VEGETABLES

Arracacha, arrowroot, artichoke (Chinese and Jerusalem), beet (garden and sugar), burdock (edible), canna (edible), carrot, cassava (bitter and sweet), celery root, chayote, chervil, chicory, chufa, dasheen, ginger, ginseng, horseradish, leren, parsley, parsnip, potato (0.08 fl. oz. only), radish (including oriental), rutabaga, salsify (oyster, black, and Spanish), skirret, sweet potato, tanier, turmeric, turnip, yam bean (jicama, maonic pea), and true yam.

For protection against seed-borne and soil-borne fungi which cause decay, damping-off, and seedling blight, apply 0.08 - 0.16 fl. oz. of FLUDIOXONIL 4L ST per 100 lbs. of seed or propagating root or tuber material.

Note for Application to Potato:

FLUDIOXONIL 4L ST applications to potato seed pieces must be made only through specific types of equipment. Please contact your Albaugh, LLC seed treatment representative to obtain information on proper equipment for application.

Note for Potatoes Intended for Seed Production:

As a resistance management strategy, if FLUDIOXONIL 4L ST is used on potatoes intended for seed production, a labeled rate of mancozeb seed treatment dust must be applied to seed tubers after the FLUDIOXONIL 4L ST treatment. If the mancozeb dust is not used, an in-furrow application of Quadris® at 0.40 fl. oz. /1000 ft. of row or Amistar® at 0.13 fl. oz./1000 ft. of row must be applied over the Maxim treated seed tubers.

#### **SOYBEANS**

For protection against seed-borne and soil-borne fungi which cause decay, damping-off, and seedling blight, apply FLUDIOXONIL 4L ST as shown here:

| FLUDIOXONIL 4L ST USE RATE |                    |                      |                     |  |  |
|----------------------------|--------------------|----------------------|---------------------|--|--|
| Fluid Ounces/ 100 lbs.     | Fluid Ounces/1,000 | Fluid Ounces/140,000 | Mg active           |  |  |
| seed                       | seeds              | seeds                | ingredient per seed |  |  |
| 0.08                       | 0.00027            | 0.0373               | 0.0038              |  |  |
| 0.16                       | 0.00053            | 0.0747               | 0.0076              |  |  |

FLUDIOXONIL 4L ST contains 14.18 grams of active ingredient per ounce. Based on 3,000 soybean seeds per pound.

#### SEED TREATMENT - EXPORT USE

FOR TREATMENT OF THE SEED FOR EXPORT ONLY TO COUNTRIES REQUIRING TREATMENT WITH FLUDIOXONIL 4L ST AND APRON XL BEFORE IMPORTATION.

User should verify actual registered rate in country of destination and/or use.

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

TREATED SEED. FOR EXPORT ONLY – NOT FOR DOMESTIC SALE OR USE. TREATED WITH THE FUNGICIDE, FLUDIOXONIL.

For additional seed bag label requirements refer to the Seed Bag Label Requirements section.

#### STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in a cool, dry, secure place.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. If these wastes cannot be used according to label instructions, 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 [less than 5 gallons]:

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 and drain for 10 seconds after the flow begins to drip. Fill the

container % full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use and disposal. Drain for 10 seconds after the flow begins to drip. 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, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

# CONTAINER HANDLING [greater than 5 gallon]:

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 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least once 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 and 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, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

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 procedures and disposal of wastes.

#### CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

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 ALBAUGH, LLC or Seller. To the extent permitted by applicable law. Buyer and User agree to hold ALBAUGH, LLC and Seller harmless for any claims relating to such factors.

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