



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

April 21, 2016

Tammy Tyler
Regulatory Product Manager
Syngenta Crop Protection, LLC
P.O. Box 18300
Greensboro, NC 27419-8300

Subject: PRIA Label Amendment – Addition of Rapeseed Subgroup 20A Seed Treatment Use
Product Name: APRON XL LS
EPA Registration Number: 100-799
Application Date: 09/23/2014
Decision Number: 497003

Dear Ms. Tyler:

The application referred to above, submitted under the Federal Insecticide, Fungicide and Rodenticide Act, as amended is acceptable under FIFRA sec 3 (c)(5). You must submit and/or cite all data required for registration/reregistration/registration review of your product when the Agency requires all registrants of similar products to submit such data.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one (1) 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 18 months from the date of this letter. After 18 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.

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.

Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance

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with FIFRA section 6. If you have any questions, please contact Maryam K. Muhammad by phone at 703-347-0301, or via email at Muhammad.maryam@epa.gov.

Sincerely,

A handwritten signature in cursive script that reads "C Giles-Parker".

Cynthia Giles-Parker, Chief
Fungicide Branch, Registration Division (7505P)

Enclosure –stamped approved label

GROUP 4 FUNGICIDE

Apron XL® LS

Fungicide

A seed treatment product for protection against *Pythium* and *Phytophthora* causing damping-off, seed rot, and systemic downy mildew diseases of certain crops

Active Ingredients:

Mefenoxam* 33.3%

Other Ingredients: 66.7%

Total: 100.0%

*CAS Nos. 70630-17-0 and 69516-34-3

Apron XL LS is a solution for seed treatment containing 3.0 pounds of mefenoxam per gallon.

KEEP OUT OF REACH OF CHILDREN.

WARNING/AVISO

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 additional precautionary statements and directions for use inside booklet.

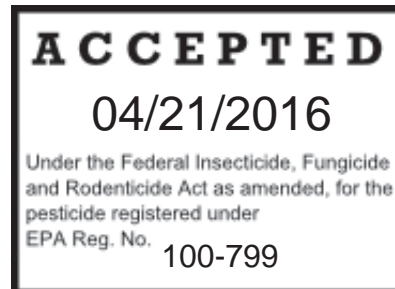
EPA Reg. No. 100-799

EPA Est.

Product of
Formulated in

SCP 799 MAS 1111

_____ gallons
Net Contents



FIRST AID	
If swallowed	<ul style="list-style-type: none">• 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 by a poison control center or doctor.• Do not give anything to an unconscious person.
If on skin or clothing	<ul style="list-style-type: none">• Take off contaminated clothing.• Rinse skin immediately with plenty of water for 15-20 minutes.• Call a poison control center or doctor for treatment advice.
If in eyes	<ul style="list-style-type: none">• Hold eye open and rinse slowly and gently with water for 15-20 minutes.• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.• Call a poison control center or doctor for 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 Medical Emergency Assistance (Human or Animal) or Chemical Emergency Assistance (Spill, Leak, Fire, or Accident), Call 1-800-888-8372	

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

WARNING/AVISO

Causes substantial but temporary eye irritation. Harmful if swallowed or absorbed through skin. Avoid contact with skin, eyes or clothing.

Personal Protective Equipment (PPE)

Some materials that are chemical resistant to this product are listed below.

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material
- Shoes plus socks
- Protective eyewear: faceshield, goggles, or safety glasses

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

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 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:

- 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

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.

Groundwater Advisory

Mefenoxam is known to leach through soil into groundwater under certain conditions as a result of label use. 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 groundwater. 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 mefenoxam from runoff water and sediment. Runoff of this product will be reduced by avoiding applications when rainfall or irrigation is expected to occur within 48 hours.

CONDITIONS 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 CROP PROTECTION, LLC or Seller. To the extent consistent with applicable law, Buyer and User agree to hold SYNGENTA and Seller harmless for any claims relating to 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 consistent with 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 CONSISTENT WITH 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 consistent with 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 CONSISTENT WITH 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.

Apron XL LS may only be used in accordance with directions on this label or separately published EPA approved supplemental labeling 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.

Treatment of highly mechanically scarred or damaged seed or seed known to be of low vigor and poor quality may result in reduced germination and/or reduction of seed and seedling vigor. Conduct germination tests with a representative sample of the seed lot before committing the total seed lot to a selected seed treatment. Because seed quality and seed storage conditions are beyond the control of Syngenta, no claims are made to guarantee the germination of seed or propagating material for all crops.

Seed treated with this product must be visually identifiable from untreated seed by the use of an approved colorant or dye to prevent accidental use of treated seed as food for humans or feed for animals. Refer to 21 CFR, Part 2.25. Any colorant or dye added to treated seed must be cleared for use in accordance with 40 CFR, Part 153.155(c). Refer to the section on this label **SEED CONTAINER LABEL REQUIREMENTS** for language that must appear on the container or on the tag that is attached to the container of treated seed.

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 48 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 any waterproof material
- Shoes plus socks
- Protective eyewear

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

PRODUCT INFORMATION

Apron XL LS is a systemic fungicide seed dressing specifically for protection against systemic downy mildews and diseases caused by soil-borne *Pythium* and *Phytophthora* spp. When a rate range is specified, use higher specified rates of Apron XL LS when the disease pressure is expected to be high.

For protection against other soil-borne diseases, such as *Rhizoctonia* spp., Apron XL LS should be applied in combination with other registered seed dressing fungicides.

Apron XL LS may be applied as a water-based slurry with other registered seed treatment insecticides and fungicides through standard slurry- or mist-type commercial seed treatment equipment.

Where mefenoxam/metalaxyl products used allow the same maximum poundage of active ingredient per acre per calendar year:

If more than one product containing mefenoxam/metalaxyl active ingredient is used on an acre during the same calendar year and the mefenoxam/metalaxyl products used allow the same maximum poundage of active ingredient per acre per calendar year, then the total poundage of all such mefenoxam/metalaxyl products used must not exceed any of the specified individual mefenoxam/metalaxyl product maximum poundage of active ingredient allowed per acre per calendar year.

Where mefenoxam/metalaxyl products used allow different maximum poundage of active ingredient per acre per calendar year:

If more than one product containing mefenoxam/metalaxyl active ingredient is used on an acre during the same calendar year and the mefenoxam/metalaxyl products used allow different maximum poundage of active ingredient per acre per calendar year, then

the total poundage of all such mefenoxam/metalaxyl products used must not exceed the lowest specified individual mefenoxam/metalaxyl product maximum poundage of active ingredient allowed per acre per calendar year.

Mixing Instructions

Prepare no more mixture than is required for the immediate operation. Agitate the solution continuously during mixing and during application. Mechanical agitation is recommended for proper mixing of Apron XL LS mixtures.

Apron XL LS Alone: Add $\frac{1}{4}$ - $\frac{1}{2}$ of the required amount of water to the mix tank. With the agitator running, add the Apron XL LS to the tank. Continue agitation while adding the remainder of the water. Begin application of the solution after the Apron XL LS has completely dispersed into the mix water. Maintain agitation until all of the mixture has been applied.

Apron XL LS + Tank Mixtures: Add $\frac{1}{4}$ - $\frac{1}{2}$ of the required amount of water to the mix tank. Start the agitator before adding any tank mix partners. In general, tank mix partners should be added in this order: wettable powders, dry flowable formulations, liquid flowable formulations, liquids such as Apron XL LS, and emulsifiable concentrates. Always allow each tank mix partner to become fully dispersed before adding the next product. Provide sufficient agitation while adding the remainder of the water and the Apron XL LS to the mix tank. Allow the Apron XL LS to completely disperse into the mix water. Maintain agitation until all of the mixture has been applied.

Note: When using Apron XL LS in tank mixtures, all products in water-soluble packaging should be added to the tank before any other tank mix partner, including Apron XL LS. Allow the water-soluble packaging to completely dissolve and the product(s) to completely disperse before adding any other tank mix partner to the tank.

If using Apron XL LS in a tank mixture with other seed treatment products, observe all directions for use, crops/sites, use rates, dilution ratios, precautions, and limitations which appear on the tank mix partner label. No label dosage may be exceeded and the most restrictive label precautions and limitations must be followed. This product may not be mixed with any product which prohibits such mixing.

SEED CONTAINER LABEL REQUIREMENTS

User is responsible for ensuring that the seed container meets all requirements under the Federal Seed Act.

The Federal Seed Act requires that the container of seed treated with Apron XL LS shall be labeled with the following statements:

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

In addition, include the following statements on the container of seed treated with Apron XL LS.

- Store away from food and feedstuffs.
- Do not allow children, pets or livestock to have access to treated seeds.
- Treated seed exposed on soil surface may be hazardous to wildlife; cover or collect treated seed that are spilled during loading and in areas such as row ends.
- Wear long-sleeved shirt, long pants, shoes, socks, and chemical-resistant gloves when handling treated seed.
- 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 pesticides remain in ethanol by-products that are used for agronomic practice.
- Treated seed must be incorporated into the soil at the recommended depth.
- **Ground Water Advisory:** Mefenoxam is known to leach through soil into groundwater under certain conditions as a result of label use. This chemical may leach into groundwater if used in areas where soils are permeable, particularly where the water table is shallow.

CROP USE DIRECTIONS

GROUP 4 FUNGICIDE

RESISTANCE MANAGEMENT

Apron XL LS contains mefenoxam, a Group 4 fungicide. Mefenoxam belongs to the phenylamide class of chemistry which interferes with fungal RNA synthesis.

Fungal populations may contain individuals naturally resistant to Group 4 fungicides and if used repeatedly in the same fields, then resistant members may eventually dominate the population. Because resistance development cannot be predicted, the use of this product should conform to sound resistance management strategies such as alternation with fungicides with a different mode of action and/or tank mixes established for the crop and use area.

Use should be based on an IPM program that includes field sanitation, scouting, historical information related to pesticide use, and crop rotation. The IPM program should also consider cultural, biological, and other chemical control practices.

Syngenta encourages responsible product stewardship to ensure effective long term control of the fungal diseases on this label.

For additional information on Fungicide Resistance Management:

- Contact Syngenta representatives at 1-800-334-9481
- Contact your local extension specialist or certified crop advisor
- Visit the Fungicide Resistance Action Committee (FRAC) on the web at:
<http://www.frac.info>

SEED TREATMENT - DOMESTIC USE

Crop	Target Diseases	Product Use Rate fl oz/100 lb of seed	Remarks/Restrictions
<p>Brassica (Cole) Leafy Vegetables</p> <p>Broccoli (Chinese and raab), brussels sprouts, cabbage (Chinese bok choy, Chinese napa and Chinese mustard), cauliflower, cavalo broccolo, collards, kale, kohlrabi, mizuna, mustard greens, mustard spinach, and rape greens</p>	<p>Pythium damping-off</p>	<p>0.085 – 0.64</p>	<p>RESTRICTION: Do Not Apply a Pre-plant Or an At-plant Application of Mefenoxam or Metalaxyl products to seed treated with Apron XL LS.</p> <p>For seeds sown for transplant production: Use Apron XL LS with a labeled rate of Dynasty®.</p> <p>Ridomil Gold® products are allowed to be applied beginning 6 weeks after transplanting</p>
<p>Bulb Vegetables</p> <p>Garlic (great-headed), leek, onion (dry bulb and green), welch onion, and shallot.</p>	<p>Pythium damping-off</p>	<p>0.085 - 0.64</p>	
<p>Carrots</p>	<p>Pythium damping-off</p>	<p>0.32 - 0.64</p>	
<p>Cereal Grains</p> <p>Barley, Buckwheat, Millet, Oats, Rice, Rye, Triticale and Wheat</p> <p>Field Corn and Popcorn</p> <p>Sweet Corn</p> <p>Barley, Oats, Rye, Triticale, and Wheat</p> <p>Rice</p>	<p>Pythium damping-off all cereal crops except field corn and popcorn</p> <p>Pythium seed rot and damping-off</p> <p>Pythium seed rot and damping-off when applied in combination with Maxim or Captan products at labeled rates</p> <p>Systemic downy mildew</p> <p>Pythium damping-off when applied in combination with Dividend® or other seed treatment products labeled for disease control in these crop</p> <p>Pythium seed rot and damping-off when applied in combination with Vitavax® 200, 42-S, Thiram, or RTU® Vitavax-Thiram at labeled rates</p>	<p>0.32 - 0.64</p> <p>0.0425 - 0.085</p> <p>0.32 - 0.64</p> <p>1.28</p> <p>0.0425 - 0.085</p> <p>0.0425 - 0.085</p>	<p>When used in combination with other seed treatment fungicides, see rates and application directions for each cereal grain crop listed below. Refer to the Product Information section for additional guidance on rate selection for Apron XL LS.</p> <p>For a greater spectrum of seedling disease protection of corn, combine Apron XL LS with Maxim® XL, Dynasty, or Maxim 4FS.</p> <p>All sweet corn seed treated with Apron XL LS should be planted and not carried over to the following year.</p>
<p>Cotton</p>	<p>Pythium seed rot and damping-off</p>	<p>0.32 - 0.64</p>	

Crop	Target Diseases	Product Use Rate fl oz/100 lb of seed	Remarks/Restrictions
<p>Cucurbits</p> <p>Chayote (fruit), Chinese waxgourd, citron melon, cucumber, gherkin, edible gourd (hyotan, cucuzza, Chinese okra, and hechima), <i>Momordica</i> spp. (balsam apple, balsam pear, bitter melon, Chinese cucumber), muskmelon (true cantaloupe, cantaloupe, casaba, crenshaw melon, golden pershaw melon, honeydew melon, honey balls, mango melon, Persian melon, pineapple melon, Santa Claus melon, and snake melon), pumpkin, summer squash (crookneck squash, scallop squash, straightneck squash, vegetable marrow, zucchini), winter squash (butternut squash, calabaza, hubbard squash), <i>Cucumis mixta</i>; <i>Cucumis pepo</i> (acorn squash, spaghetti squash), watermelon (hybrids and/or varieties of <i>Citrullus lanatus</i>.)</p>	<p>Pythium damping-off</p>	<p>0.085 - 0.64</p>	<p>RESTRICTION: Do Not Apply a Pre-plant Or an At-plant Application of Mefenoxam or Metalaxyl products to seed treated with Apron XL LS.</p> <p>For seeds sown for transplant production: Use Apron XL LS with a labeled rate of Dynasty.</p> <p>Ridomil Gold products are allowed to be applied beginning 6 weeks after transplanting</p>
<p>Forage Grasses</p> <p>All grasses (bermudagrass, fescue, bromegrass), Graminae family (either green or cured, except sugarcane) and those in the cereal grains group that will be fed to or grazed by livestock, all pasture and range grasses, and grasses grown for silage or for hay</p>	<p>Pythium damping-off</p>	<p>0.085 - 0.64</p>	

Crop	Target Diseases	Product Use Rate fl oz/100 lb of seed	Remarks/Restrictions
<p>Forage Legumes</p> <p>Alfalfa, clover, lespedeza, beans (for forage), soybeans (for forage), soybean hay, peas (for forage), pea vine hay, cowpeas (for forage), cowpea hay, trefoil, vetch, and velvet beans (for forage)</p>	<p>Pythium damping-off and early season Phytophthora</p>	<p>0.64</p>	<p>Suppression of early-season Downy Mildew in Alfalfa and Soybean</p>
<p>Fruiting Vegetables</p> <p>Eggplant, groundcherry, pepino, pepper (bell pepper, chili pepper, cooking pepper, pimento, sweet pepper), tomatillo, and tomato</p>	<p>Pythium damping-off</p>	<p>0.085 - 0.64</p>	<p>RESTRICTION: Do Not Apply a Pre-plant Or an At-plant Application of Mefenoxam or Metalaxyl products to seed treated with Apron XL LS.</p> <p>For seeds sown for transplant production: Use Apron XL LS with a labeled rate of Dynasty.</p> <p>Ridomil Gold products are allowed to be applied beginning 6 weeks after transplanting</p>
<p>Globe Artichoke</p>	<p><i>Pythium</i> spp. damping-off and early season <i>Phytophthora</i> spp. root rot control</p>	<p>0.32 – 2 (0.0075 - 0.047 lb ai/100 lb of seeds)</p>	
<p>Leafy Vegetables</p> <p>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 (finocchio), lettuce (head and leaf), orach, parsley, purslane (garden and winter), radicchio, rhubarb, spinach (including New Zealand and vine), and Swiss chard</p>	<p>Pythium damping-off</p>	<p>0.085 - 0.64</p>	<p>RESTRICTION: Do not apply Apron XL LS to Spinach that is to be grown in the greenhouse or enclosed environmentally-controlled rooms.</p> <p>RESTRICTION: Containers or bags of Spinach treated with Apron XL LS must be labeled as follows: “Do not use seed for spinach to be grown in the greenhouse or inside environmentally-controlled rooms.”</p>

Crop	Target Diseases	Product Use Rate fl oz/100 lb of seed	Remarks/Restrictions
Legume Vegetables and Okra Black-eyed peas, cowpeas, edible soybeans, field beans, chick peas (garbanzo beans), field peas, garden peas, green beans, kidney beans, lima beans, navy beans, okra, peas, pinto beans, pole beans, snap beans, string beans, wax beans, lentils, and lupines	Pythium damping-off Pythium damping-off in field beans, kidney beans, navy beans, pinto beans, and lentils when disease pressure is expected to be low in combination with other seed treatment products labeled for these crops Early season Phytophthora Pythium damping-off and Systemic downy mildew in peas	0.16 - 0.64 0.085 - 0.32 0.64 1.28	
Millet	Pythium damping-off Systemic downy mildew	0.085 - 0.64 1.28	
Peanut	Pythium seed rot and damping-off	0.16 - 0.64	
Rapeseed Crop Subgroup 20A Borage, Crambe, Cuphea, Echium, Flax seed, Gold of pleasure, Hare's ear mustard, Jojoba, Lesquerella, Lunaria, Meadowfoam, Milkweed, Mustard seed, Oil radish, Poppy seed, Rapeseed (canola), Sesame, Sweet rocket. Cultivars, varieties, and/or hybrids of these	Pythium damping-off	0.32	

Crop	Target Diseases	Product Use Rate fl oz/100 lb of seed	Remarks/Restrictions
<p>Root and Tuber Vegetables (except Potatoes)</p> <p>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 (turnip-rooted), parsnip, radish (oriental daikon), rutabaga, salsify (black and Spanish), skirret, sweet potato, tanier, turmeric, turnip, yam bean (jicama, manioc pea), yam</p>	<p>Pythium damping-off</p>	<p>0.085 - 0.64</p>	<p>RESTRICTION: Do Not Apply Apron XL LS to Potatoes.</p>
<p>Sorghum</p>	<p>Pythium damping-off on all sorghum cultivars</p> <p>Pythium damping-off protection when disease pressure is expected to be low and applied as a seed treatment in combination with Maxim or Captan products at labeled rates.</p> <p>Systemic downy mildew on cultivars which possess sorghum downy mildew resistance</p> <p>Cultivars which do not possess resistance to a particular race of sorghum downy mildew grown in areas with recent history of severe disease</p>	<p>0.32 - 0.64 (0.0023 - 0.0047 mg ai/seed*)</p> <p>0.085 - 0.32 (0.0006 - 0.0023 mg ai/seed*)</p> <p>0.32 - 0.64 (0.0023 - 0.0047 mg ai/seed*)</p> <p>1.28 (0.0094 mg ai/seed*)</p>	<p>*Based on an average seed weight of 14,500 sorghum seeds/lb.</p> <p>Only high quality sorghum seed (90% germ and above) should be treated with Apron XL LS.</p> <p>Seed treated with the 1.28 fl oz rate should be planted and not carried over to the following year.</p>
<p>Soybean</p>	<p>Pythium damping-off and early season Phytophthora protection</p>	<p>0.16 - 0.64 (0.006 - 0.023 mg ai/seed)</p>	<p>*Based on an average seed weight of 3,000 soybean seeds/lb.</p> <p>For best early season Phytophthora protection, use the higher specified rate.</p>
<p>Sunflower</p>	<p>Systemic downy mildew</p>	<p>1.28 (0.029 mg ai/seed*)</p>	<p>*Based on an average seed weight of 4,500 sunflower seeds/lb.</p>
<p>Turfgrasses (All)</p>	<p>Pythium damping-off</p>	<p>0.64 - 1.28</p>	<p>For use on golf courses, home lawns, reclamation and erosion control projects.</p> <p>For long-term protection from Pythium in areas when using seed treated with Apron XL LS, make an application of Subdue MAXX® 7-10 days after seeding.</p>

SEED TREATMENT - EXPORT USE

FOR TREATMENT OF THE FOLLOWING SEED FOR EXPORT ONLY TO COUNTRIES REQUIRING TREATMENT WITH APRON XL LS BEFORE IMPORTATION. Verify the actual registered rate in country of destination and/or use.

Crop	Target Diseases	Product Use Rate fl oz/100 lb of seed	Remarks/Restrictions
Brassica (Cole) Leafy Vegetables	Pythium damping-off	0.32 - 0.64	
Corn	Pythium damping-off	0.32 - 0.64	
	Systemic downy mildew	2.2	
Cucurbits	Pythium damping-off	0.32 - 0.64	
Fruiting Vegetables (e.g., tomatoes, peppers, eggplant)	Pythium damping-off	0.32 - 0.64	
Leafy Vegetables	Pythium damping-off	0.32 - 0.64	
Millet	Pythium damping-off	0.32 - 0.64	
	Systemic downy mildew	2.4	
Onions	Pythium damping-off	0.32 - 0.64	
Peas	Pythium damping-off and early season Phytophthora	0.64 - 1.28	
	Downy mildew.	1.28	
Root and Tuber Vegetables	Pythium damping-off	0.32 - 0.64	RESTRICTION: Do Not Apply Apron XL LS to Potatoes.
Sorghum	Pythium damping-off	0.32 - 0.64 (0.0023 - 0.0047 mg ai/seed*)	*Based on an average seed weight of 14,500 sorghum seeds/lb.
	Systemic downy mildew.	2.2 (0.0161 mg ai/seed*)	
Sunflower	Systemic downy mildew	3.75 - 4.45 (0.085 - 0.101 mg ai/seed*)	*Based on an average seed weight of 4,500 sunflower seeds/lb.
Seed treated in accordance with the export use pattern must be labeled as follows: FOR EXPORT ONLY – NOT FOR DOMESTIC SALE OR USE.			

[Storage and Disposal now in a box]

STORAGE AND DISPOSAL

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

Pesticide Storage

Store in the original container and only 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. Open dumping is prohibited.

Container Handling [less than or equal to 5 gallons]

Non-refillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Drain for 10 seconds after the flow begins to drip. Fill the container $\frac{1}{4}$ 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. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures approved by state and local authorities.

Container Handling [greater than 5 gallons]

Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the person refilling. To clean container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing 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 approved by state and local authorities.

Container Handling [greater than 5 gallons]

Non-refillable container. Do not reuse or refill this container. 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 $\frac{1}{4}$ 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. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures approved by state and local authorities.

For minor spills, leaks, etc., follow all precautions and restrictions indicated on this label and clean up immediately. Take special care to avoid contamination of equipment and facilities during cleanup and disposal of wastes. In the event of a major spill, fire, or other emergency, call 1-800-888-8372, day or night.

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

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For non-emergency (e.g., current product information) call
Syngenta Crop Protection at 1-800-334-9481.

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