

100-799

3/9/2010

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OFFICE OF PREVENTION, PESTICIDES AND TOXIC SUBSTANCES

Patrick McCain
Syngenta Crop Protection, Inc.
P.O. Box 18300
Greensboro, NC 27419-8300

MAR 9 2010

Subject: Apron XL LS
EPA Reg. No. 100-799
EPA Decision No. 423408
Amendment dated 10/22/2009

Dear Mr. McCain,

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable providing the following changes are made:

1. On page 3, add the word "exist" following the word "washables" in the first paragraph.
2. On page 3, add the following statements to the "User Safety Recommendations".
"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." Also insert "/PPE" following the word "clothing: within the second bullet statement in the "User Safety Recommendations" box.
3. On page 4, within the "Conditions of sale and Limitations of Warranty and Liability" section, replace the phrasing "to the extent permitted by" with "to the extent consistent with" in the three paragraphs following the Notice text box.
4. On page 5, revise the second paragraph under the "Directions for Use" header, as follows. "Apron XL may only be used in accordance with directions on this label or separately published EPA approved supplemental labeling for this product."
5. On page 6, within the Note box, delete the following sentence. "Therefore, Syngenta cannot assume liability for crop damage resulting from insensitive strains of fungi". This sentence is covered by the warranty statement.

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6. On page 7, within the third paragraph starting “If using Apron XL”, revise the following sentence as noted. “No label dosage may be exceeded and the most restrictive label precautions and limitations must be followed”.
7. On page 7, revise the final sentence as follows: “Treated seed bagged for later use must contain an EPA-approved dye or colorant that imparts an unnatural color to the seed”.
8. On page 14, within the first paragraph of the “Seed Treatment” section, revise the last sentence as follows. “Verify the actual registered rate in country of destination and/or use”.
9. On page 15, revise the Pesticide as follows: “Store in the original container and only in a cool, dry, secure place”.

One copy of the label stamped “Accepted with Comments” is enclosed for your records. Please submit one copy of the final printed label before the product is released for shipment. If you have questions concerning this letter, please contact Shaunta Hill at 703-347-8961 or myself at 703-308-9354.

Sincerely,



Mary Waller
Product Manager, Team 21
Fungicide Branch
Registration Division (7504P)

Enclosure: Label stamped “Accepted with Comments”

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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

Contains 3.0 lbs. active ingredient 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 799A-

_____gallon
Net Contents

**ACCEPTED
with COMMENTS
In EPA Letter Dated
MAR 9 2010**

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

100-799

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 do so by a poison control center or doctor. • Do not give anything by mouth 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 eye. • 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. If you want more options, follow the instructions for Category A on an EPA chemical-resistance category selection chart.

Applicators and other handlers must wear:

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

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, 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 immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Environmental Hazards

Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Apply only as specified on this label. Do not contaminate water when disposing of equipment wash water or rinsate.

Groundwater Advisory

This chemical is known to leach through soil into groundwater under certain conditions as a result of agricultural use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

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, Inc. or Seller. To the extent permitted by 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 permitted by applicable law: (1) this warranty does not extend to the use of the product contrary to label instructions or under conditions not reasonably foreseeable to or beyond the control of Seller or SYNGENTA, and, (2) Buyer and User assume the risk of any such use. **TO THE EXTENT PERMITTED BY APPLICABLE LAW, SYNGENTA MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS WARRANTED BY THIS LABEL.**

To the extent permitted by applicable law, in no event shall SYNGENTA be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **TO THE EXTENT PERMITTED BY APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF SYNGENTA AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF SYNGENTA OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

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

DIRECTIONS FOR USE

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

Apron XL LS should be used only in accordance with recommendations on this label or in separately published Syngenta supplemental labeling recommendations 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 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.

GENERAL 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 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.

Note: Apron XL LS is a systemic fungicide having a specific mode of action. Apron XL LS could be subject to development of insensitive strains of fungi. Development of insensitivity cannot be predicted. Therefore, Syngenta cannot assume liability for crop damage resulting from insensitive strains of fungi. Consult with your State Agricultural Experiment Station or Extension Service Specialist for guidance and ways to control any possible Apron XL LS insensitive strains of fungi which may occur.

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.

Maximum usage when applying both metalaxyl- and mefenoxam-containing products to the same crop within the same season: Do not apply more than the maximum seasonal total for the active ingredient as stated on the label of the product containing the lowest seasonal total on that crop.

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 should be exceeded and the most restrictive label precautions and limitations should be followed. This product should not be mixed with any product which prohibits such mixing.

Note: Federal law requires that bags containing treated seeds shall be labeled with the following information: "This seed has been treated with mefenoxam fungicide. Do not use for feed, food, or oil purposes. Store away from feeds and foodstuffs." **Use with an EPA-approved dye that imparts an unnatural color to the seed.**

SEED TREATMENT - DOMESTIC USE

Brassica (Cole) Leafy Vegetables	<p>Broccoli (including Chinese and raab), brussels sprouts, cabbage (including Chinese bok choy, Chinese napa and Chinese mustard), cauliflower, cavalo broccolo, collards, kale, kohlrabi, mizuna, mustard greens, mustard spinach, and rape greens.</p> <p>For direct seeded crops and for seeds sown for transplant purposes: For Pythium damping-off protection, apply Apron XL as a seed treatment at 0.085-0.64 fl. oz./100 lbs. of seed. For seeds sown for transplant production: Always use Apron XL seed treatment with a label rate of Dynasty. Do not apply a preplant or an at-plant application of mefenoxam or metalaxyl products to seed treated with Apron XL. However, Ridomil Gold products can be applied beginning 6 weeks after transplanting.</p>
Bulb Vegetables	<p>Garlic (including great-headed), leek, onion (dry bulb and green), welch onion, and shallot.</p> <p>For Pythium damping-off protection: Apply Apron XL LS as a seed treatment at 0.085-0.64 fl. oz./100 lbs. of seed.</p>
Canola	<p>For Pythium damping-off protection: Apply Apron XL LS as a seed treatment at 0.32 fl. oz./100 lbs. of seed.</p>
Carrots	<p>For Pythium damping-off protection: Apply Apron XL LS as a seed treatment at 0.32-0.64 fl. oz./100 lbs. of seed.</p>
Cereal Grains	<p>Wheat, barley, rye, oats, millet, rice, corn (field corn, sweet corn, and popcorn), buckwheat, and triticale.</p> <p>For Pythium damping-off protection on all cereal crops except field corn and popcorn: Apply Apron XL LS as a seed treatment at the rate of 0.32-0.64 fl. oz./100 lbs. of seed.</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 General Information section of this for additional guidance on rate selection for Apron XL LS.</p> <p>Field Corn and Popcorn: For Pythium seed rot and damping-off protection in field corn and popcorn, apply Apron XL LS as shown below. For a greater spectrum of seedling disease protection of corn, combine Apron XL LS with Maxim® XL, Dynasty®, or Maxim® 4FS.</p>

Apron XL Use Rate			
Expected <i>Pythium</i> pressure	fl. oz./100 lbs. seed	fl. oz./80,000 kernel count	mg active ingredient per kernel
Low to Moderate	0.0425	0.019	0.0025
High	0.085	0.038	0.005

Note: Apron XL LS contains 10.42 grams of active ingredient per ounce.

Sweet Corn: For *Pythium* seed rot and damping-off protection in sweet corn or when applied in combination with Maxim or Captan products at labeled rates: Apply Apron XL LS as a seed treatment at 0.32 fl. oz./100 lbs. of seed when low to moderate *Pythium* pressure is expected, or at 0.64 fl. oz./100 lbs. of seed when a high level of *Pythium* pressure is expected.

All sweet corn seed treated with Apron XL LS should be planted and not carried over to the following year.

For systemic downy mildew protection of sweet corn: Apply Apron XL LS as a seed treatment at the rate of 1.28 fl. oz./100 lbs. of seed.

Wheat, Barley, Rye, Triticale, and Oats: For *Pythium* damping-off protection in wheat, barley, rye, triticale, and oats when applied in combination with Dividend® or other seed treatment products labeled for disease control in these crops: Apply Apron XL LS as a seed treatment at 0.0425-0.085 fl. oz./100 lbs. of seed.

Rice: For *Pythium* seed rot and damping-off protection in rice when applied in combination with Vitavax® 200, 42-S, Thiram, or RTU® Vitavax-Thiram at labeled rates: Apply Apron XL LS as a seed treatment at 0.0425-0.085 fl. oz./100 lbs. of seed.

Cotton	For <i>Pythium</i> seed rot and damping-off protection: Apply Apron XL LS as a seed treatment to machine-delinted or acid-delinted cottonseed at the rate of 0.32-0.64 fl. oz./100 lbs. of seed.
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Cucurbits	<p>Chayote (fruit), Chinese waxgourd, citron melon, cucumber, gherkin, edible gourd (includes hyotan, cucuzza, Chinese okra, and hechima), <i>Momordica</i> spp. (includes balsam apple, balsam pear, bitter melon, Chinese cucumber), muskmelon (includes 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 (includes crookneck squash, scallop squash, straightneck squash, vegetable marrow, zucchini), winter squash (includes butternut squash, calabaza, hubbard squash), <i>Cucumis mixta</i>; <i>Cucumis pepo</i> (includes acorn squash, spaghetti squash), watermelon (includes hybrids and/or varieties of <i>Citrullus lanatus</i>.)</p> <p>For direct seeded crops and for seeds sown for transplant purposes: For Pythium damping-off protection, apply Apron XL as a seed treatment at 0.085-0.64 fl. oz./100 lbs. of seed. For seeds sown for transplant production: Always use Apron XL seed treatment with a label rate of Dynasty. Do not apply a preplant or an at-plant application of mefenoxam or metalaxyl products to seed treated with Apron XL. However, Ridomil Gold products can be applied beginning 6 weeks after transplanting.</p>
Forage Grasses	<p>All grasses (including bermudagrass, fescue, bromegrass), Graminae 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 silage or for hay.</p> <p>For Pythium damping-off protection: Apply Apron XL LS as a seed treatment at 0.085-0.64 fl. oz./100 lbs. of seed.</p>
Forage Legumes	<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>For Pythium damping-off and early season Phytophthora protection: Apply Apron XL LS as a seed treatment at the rate of 0.64 fl. oz./100 lbs. of seed.</p> <p>For suppression of early season downy mildew in alfalfa and soybeans: Apply Apron XL LS as a seed treatment at the rate of 0.64 fl. oz./100 lbs. of seed.</p>

<p>Fruiting Vegetables</p>	<p>Eggplant, groundcherry, pepino, pepper (includes bell pepper, chili pepper, cooking pepper, pimento, sweet pepper), tomatillo, and tomato.</p> <p>For direct seeded crops and for seeds sown for transplant purposes: For <i>Pythium</i> damping-off protection, apply Apron XL as a seed treatment at 0.085-0.64 fl. oz./100 lbs. of seed. For seeds sown for transplant production: Always use Apron XL seed treatment with a label rate of Dynasty. Do not apply a preplant or an at-plant application of mefenoxam or metalaxyl products to seed treated with Apron XL. However, Ridomil Gold products can be applied beginning 6 weeks after transplanting.</p>
<p>Globe Artichoke</p>	<p>For <i>Pythium</i> spp. damping-off and early season <i>Phytophthora</i> spp. root rot control, apply as a seed treatment at 0.32 to 2 fl. oz. (0.0075 lb. a.i. to 0.047 lb. a.i.) of Apron XL LS per 100 pounds of seed.</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>For <i>Pythium</i> damping-off protection: Apply Apron XL LS as a seed treatment at 0.085-0.64 fl. oz./100 lbs. of seed.</p> <p>Note: Do not apply Apron XL LS to spinach that is destined to be grown in the greenhouse or enclosed environmentally-controlled rooms. Containers or bags containing Apron XL LS-treated spinach seed must be labeled with the restriction, "Do not use seed for spinach destined to be grown in the greenhouse or inside environmentally-controlled rooms."</p>

<p>Legume Vegetables and Okra</p>	<p>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.</p> <p>For Pythium damping-off protection: Apply Apron XL LS as a seed treatment at 0.16-0.64 fl. oz./100 lbs. of seed.</p> <p>For Pythium damping-off protection in field beans, kidney beans, navy beans, pinto beans, and lentils when disease pressure is expected to be low: Apply Apron XL LS as a seed treatment at 0.085-0.32 fl. oz./100 lbs. of seed in combination with other seed treatment products labeled for these crops.</p> <p>For early season Phytophthora protection: Apply Apron XL LS as a seed treatment at 0.64 fl. oz./100 lbs. of seed.</p> <p>For Pythium damping-off and systemic downy mildew protection of peas: Apply Apron XL LS as a seed treatment at the rate of 1.28 fl. oz./100 lbs. of seed.</p>
<p>Millet</p>	<p>For Pythium damping-off protection: Apply Apron XL LS as a seed treatment at 0.085-0.64 fl. oz./100 lbs. of seed.</p> <p>For systemic downy mildew protection: Apply Apron XL LS as a seed treatment at 1.28 fl. oz./100 lbs. of seed.</p>
<p>Peanuts</p>	<p>For Pythium seed rot and damping-off protection: Apply Apron XL LS as a seed treatment at 0.16-0.64 fl. oz./100 lbs. of seed.</p>
<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 (includes oriental daikon), rutabaga, salsify (includes black and Spanish), skirret, sweet potato, tanier, turmeric, turnip, yam bean (jicama, manioc pea), yam.</p> <p>For Pythium damping-off protection: Apply Apron XL LS as a seed treatment at 0.085-0.64 fl. oz./100 lbs. of seed.</p> <p>Note: Do not apply Apron XL LS to potatoes.</p>

<p>Sorghum</p>	<p>For Pythium damping-off protection on all sorghum cultivars: Use 0.32-0.64 fl. oz. of Apron XL LS per 100 lbs. of seed applied as a seed treatment.</p> <p>For Pythium damping-off protection when disease pressure is expected to be low: Apply Apron XL LS as a seed treatment at 0.085-0.32 fl. oz./100 lbs. of seed in combination with Maxim or Captan products at labeled rates.</p> <p>For systemic downy mildew protection: Apply 0.32-0.64 fl. oz. of Apron XL LS per 100 lbs. of seed on cultivars which possess sorghum downy mildew resistance. 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 LS per 100 lbs. of seed as a seed treatment.</p> <p>Note: Seed treated with the 1.28 fl. oz. rate should be planted and not carried over to the following year.</p> <p>Only high quality sorghum seed (90% germ and above) should be treated with Apron XL LS.</p>																				
<p>Soybeans</p>	<p>For Pythium damping-off and early season Phytophthora protection: Apply Apron XL LS as a seed treatment according to the rate table. For best early season Phytophthora protection, use the higher rate.</p> <table border="1" data-bbox="500 1213 1383 1396"> <thead> <tr> <th>Fl. oz./100 lbs. seed</th> <th>mg ai/seed</th> <th>Fl. oz./1,000 seed</th> <th>Fl. oz./140,000 seed</th> </tr> </thead> <tbody> <tr> <td>0.16</td> <td>0.0057</td> <td>0.00053</td> <td>0.075</td> </tr> <tr> <td>0.32</td> <td>0.0113</td> <td>0.00107</td> <td>0.15</td> </tr> <tr> <td>0.48</td> <td>0.0170</td> <td>0.00160</td> <td>0.224</td> </tr> <tr> <td>0.64</td> <td>0.0227</td> <td>0.00213</td> <td>0.30</td> </tr> </tbody> </table> <p>Note: Apron XL LS contains 10.63 grams of mefenoxam per fluid ounce. Based on 3,000 soybean seeds per pound.</p>	Fl. oz./100 lbs. seed	mg ai/seed	Fl. oz./1,000 seed	Fl. oz./140,000 seed	0.16	0.0057	0.00053	0.075	0.32	0.0113	0.00107	0.15	0.48	0.0170	0.00160	0.224	0.64	0.0227	0.00213	0.30
Fl. oz./100 lbs. seed	mg ai/seed	Fl. oz./1,000 seed	Fl. oz./140,000 seed																		
0.16	0.0057	0.00053	0.075																		
0.32	0.0113	0.00107	0.15																		
0.48	0.0170	0.00160	0.224																		
0.64	0.0227	0.00213	0.30																		

Sunflower	For systemic downy mildew protection: Apply Apron XL LS as a seed treatment at 1.28 fl. oz./100 lbs. of seed or 0.029 mg active ingredient per seed.
Turfgrasses (All)	For Pythium damping-off protection on golf courses, home lawns, reclamation, and erosion control projects: Apply Apron XL LS as a seed treatment at the rate of 0.64-1.28 fl. oz./100 lbs. of seed. Note: For long-term protection of Pythium in areas when using Apron XL LS-treated seed, make an application of Subdue MAXX® 7-10 days after seeding.

SEED TREATMENT-EXPORT USE

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

Brassica (Cole) Leafy Vegetables	For Pythium damping-off protection: Apply Apron XL LS as a seed treatment at 0.32-0.64 fl. oz./100 lbs. of seed.
Corn	For Pythium damping-off protection: Apply Apron XL LS as a seed treatment at 0.32-0.64 fl. oz./100 lbs. of seed. For systemic downy mildew protection: Apply Apron XL LS as a seed treatment at 2.2 fl. oz./100 lbs. of seed.
Cucurbits	For Pythium damping-off protection: Apply Apron XL LS as a seed treatment at 0.32-0.64 fl. oz./100 lbs. of seed.
Fruiting Vegetables (e.g., tomatoes, peppers, eggplant)	For Pythium damping-off protection: Apply Apron XL LS as a seed treatment at 0.32-0.64 fl. oz./100 lbs. of seed.
Leafy Vegetables	For Pythium damping-off protection: Apply Apron XL LS as a seed treatment at 0.32-0.64 fl. oz./100 lbs. of seed.
Millet	For Pythium damping-off protection: Apply Apron XL LS as a seed treatment at 0.32-0.64 fl. oz./100 lbs. of seed. For systemic downy mildew protection: Apply Apron XL LS as a seed treatment at 2.4 fl. oz./100 lbs. of seed.
Onions	For Pythium damping-off protection: Apply Apron XL LS as a seed treatment at 0.32-0.64 fl. oz./100 lbs. of seed.
Peas	For Pythium damping-off and early season Phytophthora protection: Apply Apron XL LS as a seed treatment at 0.64-1.28 fl. oz./100 lbs. of seed. For downy mildew protection, apply Apron XL LS as a seed treatment at 1.28 fl. oz./100 lbs. of seed.

Root and Tuber Vegetables	For Pythium damping-off protection: Apply Apron XL LS as a seed treatment at 0.32-0.64 fl. oz./100 lbs. of seed. Note: Do not apply Apron XL LS to potatoes.
Sorghum	For Pythium damping-off protection: Apply Apron XL LS as a seed treatment at 0.32-0.64 fl. oz./100 lbs. of seed. For systemic downy mildew protection: Apply Apron XL LS as a seed treatment at 2.2 fl. oz./100 lbs. of seed.
Sunflower	For systemic downy mildew protection: Apply Apron XL LS as a seed treatment at 3.75-4.45 fl. oz./100 lbs. of seed.
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

Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited.

Pesticide Storage

Store in a cool, dry place.

Pesticide Disposal

Wastes resulting from the use of this product may be disposed of on-site or at an approved waste disposal facility.

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. Drain for 10 seconds after the flow begins to drip. Fill the container ¼ 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 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. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and

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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 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 and disposal of wastes.

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

Manufactured for:
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