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Master Booklet Label

ACCEPTED , MAY 9 2001 Under the Federal Insecticide. Fungicide. and Rodenticide Act, as amended. for the posticide registered under

**PA** Reg. No. (C()

Apron XL® LS

FUNGICIDE

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

Active Ingredients:	
(R)-[(2,6-dimethylphenyl)-	
methoxyacetylamino]-propionic acid	
methyl ester	32.3%
Related Compounds	1.0%
Inert Ingredients:	66.7%
Total:	100.0%

EPA Est. 67545-AZ-1 EPA Est. 5905-GA-01 EPA Est. 34704-MS-2

EPA Reg. No. 100-799

#### 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.

ONE PINT	ONE GALLON	30 GALLONS	GALLONS
U.S. Standard Measure	U.S. Standard Measure	U.S. Standard Measure	U.S. Standard Measure

NCP 799A-L1 One Gallon NCP 799A-L4 One Pint

[QUARK]APRON XL/N-APRON XL LS-C - ccg - 3/7/01

# DIRECTIONS FOR USE AND CONDITIONS OF SALE AND WARRANTY

**IMPORTANT:** Read the entire **Directions for Use** and the **Conditions of Sale and Warranty** before using this product.

#### CONDITIONS OF SALE AND WARRANTY

The **Directions for Use** of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application all of which are beyond the control of Novartis Crop Protection, Inc. or the Seller. All such risks shall be assumed by the Buyer.

Novartis warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the **Directions for Use** subject to the inherent risks referred to above. Novartis makes no other express or implied warranty of Fitness or Merchantability or any other express or implied warranty. In no case shall Novartis or the Seller be liable for consequential, special, or indirect damages resulting from the use or handling of this product. Novartis and the Seller offer this product, and the Buyer and user accept it, subject to the foregoing **Conditions of Sale and Warranty**, which may be varied only by agreement in writing signed by a duly authorized representative of Novartis.

#### DIRECTIONS FOR USE

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

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

### 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 restrictedentry 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 control of 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 control of 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, Novartis 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.

#### 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 1/4-1/2 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 1/4-1/2 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 watersoluble 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 (R)-[(2,6-dimethylphenyl)-methoxyacetylamino]-propionic acid methyl ester 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	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.
	Use Apron XL LS seed treatment for direct seeding only and not for plants intended for transplanting.
	For Pythium damping-off control: Apply Apron XL LS as a seed treatment at 0.085-0.64 fl. oz./100 lbs. of seed.
Bulb Vegetables	Garlic (including great-headed), leek, onion (dry bulb and green), welch onion, and shallot.
	For Pythium damping-off control: Apply XL LS as a seed treatment at 0.085-0.64 fl. oz./100 lbs. of seed.
Canola	For Pythium damping-off control: Apply Apron XL LS as a seed treatment at 0.32 fl. oz./100 lbs. of seed.
Carrots	For Pythium damping-off control: Apply Apron XL LS as a seed treatment at 0.32-0.64 fl. oz./100 lbs. of seed.

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Cereal Grains	<ul> <li>-6-</li> <li>Wheat, barley, rye, oats, millet, rice, corn (field corn, sweet corn, and popcorn), buckwheat, and triticale.</li> <li>For Pythium damping-off control: Apply Apron XL LS as a seed treatment at the rate of 0.32-0.64 fl. oz./100 lbs. of seed.</li> <li>For Pythium seed rot and damping-off control in field corn when applied in combination with Maxim® or captan products at labeled rates: Apply Apron XL LS as a seed treatment at 0.0425 fl. oz./100 lbs. of seed.</li> <li>For systemic downy mildew control of sweet corn: Apply Apron XL LS as a seed treatment at the rate of 1.28 fl. oz./100 lbs. of seed.</li> <li>For Pythium damping-off control in wheat, barley, rye, and oats when applied in combination with Dividend® or other seed treatment at 0.0425-0.085 fl. oz./100 lbs. of seed.</li> <li>For Pythium seed rot and damping-off control in these crops: Apply Apron XL LS as a seed treatment at 0.0425-0.085 fl. oz./100 lbs. of seed.</li> <li>For Pythium seed rot and damping-off control in these crops: Apply Apron XL LS as a seed treatment at 0.0425-0.085 fl. oz./100 lbs. of seed.</li> <li>For Pythium seed rot and damping-off control in these crops: Apply Apron XL LS as a seed treatment at 0.0425-0.085 fl. oz./100 lbs. of seed.</li> </ul>	
Cotton	For Pythium seed rot and damping-off control: 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.	
Cucurbits	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 can- taloupe, 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,	

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	straightneck squash, vegetable marrow, zucchini), winter squash (includes butternut squash, calabaza, hubbard squash, <i>Cucumis</i> <i>mixta</i> ; <i>Cucumis pepo</i> (includes acorn squash, spaghetti squash), watermelon (includes hybrids and/or varieties of <i>Citrullus lanatus</i> .)	1
	Use Apron XL LS seed treatment for direct seeding only and not for plants intended for transplanting.	
	For Pythium damping-off control: Apply Apron XL LS as a seed treatment at 0.085-0.64 fl. oz./100 lbs. of seed.	
Forage Grasses	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.	
	For <b>Pythium damping-off control:</b> Apply Apron XL LS as a seed treatment at 0.085-0.64 fl. oz./100 lbs. of seed.	
Forage Legumes	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).	
	For Pythium damping-off and early season Phytophthora control: Apply Apron XL LS as a seed treatment at the rate of 0.64 fl. oz./100 lbs. of seed.	
	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.	

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Fruiting Vegetables	Eggplant, groundcherry, pepino, pepper (includes bell pepper, chili pepper, cooking pepper, pimento, sweet pepper), tomatillo, and tomato.
	Use Apron XL LS seed treatment for direct seeding only and not for plants intended for transplanting.
	For Pythium damping-off control: Apply Apron XL LS as a seed treatment at 0.085-0.64 fl. oz./100 lbs. of seed.
Leafy Vegetables	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 (fino- chio), lettuce (head and leaf), orach, parsley, purslane (garden and winter), radicchio, rhubarb, spinach (including New Zealand and vine) and Swiss chard.
	For <b>Pythium dam</b> ping-off control: Apply Apron XL LS as a seed treatment at 0.085-0.64 fl. oz./100 lbs. of seed.
· · ·	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 des- tined to be grown in the greenhouse or inside environmentally-controlled rooms."
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.
	For Pythium damping-off control: Apply Apron XL LS as a seed treatment at 0.16-0.64 fl. oz./100 lbs. of seed.
	For Pythium damping-off control in field beans

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For Pythium damping-off control in field beans,

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	kidney beans, navy beans, pinto beans, and lentils when disease pressure is expected to be low: Apply Apron XL LS as a seed treat- ment at 0.085-0.32 fl. oz./100 lbs. of seed in combination with other seed treatment products labeled for these crops.
	For early season Phytophthora control: Apply Apron XL LS as a seed treatment at 0.64 fl. oz./100 lbs. of seed.
	For <b>Pythium dam</b> ping-off and systemic downy mildew control of peas: Apply Apron XL LS as a seed treatment at the rate of 1.28 fl. oz./100 lbs. of seed.
Millet	For Pythium damping-off control: Apply Apron XL LS as a seed treatment at 0.085-0.64 fl. oz./100 lbs. of seed.
	For systemic downy mildew control: Apply Apron XL LS as a seed treatment at 1.28 fl. oz./100 lbs. of seed.
Peanuts	For Pythium seed rot and damping-off control: Apply Apron XL LS as a seed treatment at 0.16-0.64 fl. oz./100 lbs. of seed.
Root and Tuber Vegetables (except Potatoes)	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, manoic pea), yam. For Pythium damping-off control: Apply Apron XL LS as a seed treatment at 0.085-0.64 fl. oz./100 lbs. of seed. Note: Do not apply Apron XL LS to potatoes.
	<ul> <li>skirret, sweet potato, tanier, turmeric, turnip, yam bean (jicama, manoic pea), yam.</li> <li>For Pythium damping-off control: Apply Apron XL LS as a seed treatment at 0.085-0.64 fl. oz./100 lbs. of seed.</li> <li>Note: Do not apply Apron XL LS to</li> </ul>

Sorghum	For Pythium damping-off control 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.
	For Pythium damping-off control 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.
	For systemic downy mildew control: 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.
	Note: Seed treated with the 1.28 fl. oz. rate should be planted and not carried over to the following year.
	Only high quality sorghum seed (90% germ and above) should be treated with Apron XL LS.
Soybeans	For Pythium damping-off and early season Phytophthora control: Apply Apron XL LS as a seed treatment at the rate of 0.16-0.64 fl. oz./100 lbs. of seed. For best early season Phytophthora control use the higher rate.
	For Pythium damping-off control 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 soybeans.
Sunflower	For systemic downy mildew control: Apply Apron XL LS as a seed treatment at the rate of 1.28 fl. oz./100 lbs. of seed.

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Turfgrasses (All)For Pythium damping-off control on golf<br/>courses, home lawns, reclamation, and<br/>erosion control projects: Apply Apron XL LS<br/>as a seed treatment at the rate of 0.64-1.28 fl.<br/>oz./100 lbs. of seed.

**Note:** For long-term control 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 <b>Pythium dam</b> ping-off control: Apply Apron XL LS as a seed treatment at 0.32-0.64 fl. oz./100 lbs. of seed.
Corn	For Pythium damping-off control: Apply Apron XL LS as a seed treatment at 0.32-0.64 fl. oz./100 lbs. of seed. For systemic downy mildew control: Apply Apron XL LS as a seed treatment at 2.2 fl. oz./100 lbs. of seed.
Cucurbits	For Pythium damping-off control: 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 control: 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 control: Apply Apron XL LS as a seed treatment at 0.32-0.64 fl. oz./100 lbs. of seed.
Millet	For Pythium damping-off control: Apply Apron XL LS as a seed treatment at 0.32-0.64 fl. oz./100 lbs. of seed. For systemic downy mildew control: Apply Apron XL LS as a seed treatment at 2.4 fl. oz./100 lbs. of seed.

Onions	For Pythium damping-off control: 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 control: Apply Apron XL LS as a seed treatment at 0.64-1.28 fl. oz./100 lbs. of seed. For downy mildew control, 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 control: 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 control: Apply Apron XL LS as a seed treatment at 0.32-0.64 fl. oz./100 lbs. of seed. For systemic downy mildew control: Apply Apron XL LS as a seed treatment at 2.2 fl. oz./100 lbs. of seed.
Sunflower	For systemic downy mildew control: 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

#### Pesticide Storage and Disposal

Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. Wastes resulting from the use of this product may be disposed of on-site or at an approved waste disposal facility.

#### **Container Disposal (One Gallon)**

Do not reuse empty container. Triple rinse (or equivalent), puncture and dispose of in a sanitary landfill, or by incineration, or by open burning, if allowed by state and local authorities. If burned, keep out of smoke from burning containers.

#### Container Refilling and Disposal (30 Gallons and Bulk)

Refer to label on container for refilling and disposal instructions.

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. In the event of a major spill, fire, or other emergency, call 1-800-888-8372, day or night.

#### PRECAUTIONARY STATEMENTS

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#### Hazards to Humans and Domestic Animals

#### WARNING/AVISO

Causes substantial but temporary eye irritation. Do not get in eyes or on clothing. Harmful if swallowed or absorbed through skin. Avoid contact with skin.

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FIRST AID		
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 5 minutes, then continue rinsing eye.</li> <li>Call a poison control center or doctor for</li> </ul>	
If swallowed:	<ul> <li>treatment advice.</li> <li>Call a poison control center or doctor immediately for treatment advice.</li> </ul>	
	<ul> <li>Have person sip a glass of water if able to swallow.</li> <li>Do not induce vomiting unless told to do so by a poison control center or doctor.</li> </ul>	
If on skin or clothing:	<ul> <li>Do not give anything by mouth to an unconscious person.</li> <li>Take off contaminated clothing.</li> <li>Rinse skin immediately with plenty of water for</li> </ul>	
	<ul> <li>Call a poison control center or doctor for treatment advice.</li> </ul>	
	HOTLINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-334-9481 ext. 7745 for emergency medical treatment information.		
	NOTE TO PHYSICIAN	
If ingested, induce emesis or lavage stomach. Treat symptomatically.		

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#### Personal Protective Equipment

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 such as polyethylene or polyvinyl chloride
- 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 apply when weather conditions favor drift from treated areas. Do not contaminate water when disposing of equipment wash waters or rinsate.

Apron XL®, Dividend®. Maxim®, MAXX®, and Subdue® trademarks of Novartis

RTU® trademark of Gustafson. Inc.

Vitavax® trademark of Uniroyal Chemical Company, Inc.

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Novartis Crop Protection. Inc. Seed Treatment Products Greensboro, North Carolina 27419 www.cp.us.novartis.com

Product of Switzerland Formulated in USA

NCP 799A-L1

[QUARK]APRON XL/N-APRON XL LS-C - ccg - 3/7/01

#### Container Label (One Pint, One Gallon, 30 Gallon and Bulk)

Apron XL® LS

FUNGICIDE

A seed treatment chemical for control of *Pythium* and *Phytophthora* causing damping-off, seed rot. and systemic downy mildew diseases of certain crops

Active Ingredients:	
(R)-[(2,6-dimethylphenyl)-	
methoxyacetylamino]-propionic acid	
methyl ester	32.3%
Related Compounds	
Inert Ingredients:	66.7%
Total:	100.0%

EPA Reg. No. 100-799

ONE PINT	ONE GALLON	30 GALLONS	GALLONS
U.S. Standard Measure	U.S. Standard Measure	U.S. Standard Measure	U.S. Standard Measure

EPA Est. 67545-AZ-1 EPA Est. 5905-GA-01 EPA Est. 34704-MS-2

See directions for use in attached booklet.

#### AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. Refer to supplemental labeling under "Agricultural Use Requirements" in the Directions for Use section for information about this standard.

#### 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 at end of label. (30 Gal., Bulk)

(30 Gallon and Bulk)

DIRECTIONS FOR USE AND CONDITIONS OF SALE AND WARRANTY

**IMPORTANT:** Read the entire **Directions for Use** and the **Conditions of Sale and Warranty** before using this product.

#### CONDITIONS OF SALE AND WARRANTY

The **Directions for Use** of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application all of which are beyond the control of Novartis Crop Protection, Inc. or the Seller. All such risks shall be assumed by the Buyer.

Novartis warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the Directions for Use subject to the inherent risks referred to above. Novartis makes no other express or implied warranty of Fitness or Merchantability or any other express or implied warranty. In no case shall Novartis or the Seller be liable for consequential, special, or indirect damages resulting from the use or handling of this product. Novartis and the Seller offer this product, and the Buyer and user accept it, subject to the foregoing Conditions of Sale and Warranty, which may be varied only by agreement in writing signed by a duly authorized representative of Novartis.

## **Precautionary Statements**

# Hazards to Humans and Domestic Animals

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Causes substantial, but temporary eye irritation. Do not get in eyes or on clothing. Harmful if swallowed or absorbed through skin. Avoid contact with skin.

FIRST AID				
If in eyes:	<ul> <li>Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> </ul>			
	<ul> <li>Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> </ul>			
	<ul> <li>Call a poison control center or doctor for treatment advice.</li> </ul>			
If swallowed:	<ul> <li>Call a poison control center or doctor immediately for treatment advice.</li> </ul>			
	<ul> <li>Have person sip a glass of water if able to swallow.</li> </ul>			
	<ul> <li>Do not induce vomiting unless told to do so by a poison control center or doctor.</li> </ul>			
	<ul> <li>Do not give anything by mouth to an unconscious person.</li> </ul>			
If on skin or clothing:	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.			
HOTLINE NUMBER				
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-334-9481 ext. 7745 for emergency medical treatment information.				
NOTE TO PHYSICIAN				

If ingested, induce emesis or lavage stomach. Treat symptomatically.

#### **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. Do not contaminate water when disposing of equipment wash waters or rinsate. Apply only as specified in this label. Dispose of excess treated seed by burial, away from bodies of water.

#### Container Disposal (One Gallon)

Do not reuse empty container. Triple rinse (or equivalent), puncture and dispose of in a sanitary landfill, or by incineration, or by open burning, if allowed by state and local authorities. If burned, keep out of smoke from burning containers.

#### Container Refilling and Disposal (30 Gallon Refillable)

This is a refillable container. If the container is to be refilled, do not rinse with any material or introduce any pesticide other than Apron XL LS. Reseal and return the container to an authorized Novartis refilling facility. If the container is not to be refilled, triple rinse (or equivalent) and offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, by incineration, or by open burning, if allowed by state and local authorities. If burned, keep out of smoke.

#### Container Disposal (Bulk)

Thoroughly clean container before reuse unless this is a Novartis refillable container. If this is a Novartis refillable container, and is to be refilled, do not rinse or introduce any pesticide other than Apron XL LS. Reseal and return the container to an authorized Novartis refilling facility. If the Novartis container is not to be refilled, triple rinse (or equivalent), and offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, by incineration, or by open burning, if allowed by state and local authorities. If burned, keep out of smoke.

To be used in accordance with directions for use in Apron XL LS label booklet. See Apron XL LS label booklet for pesticide disposal instructions. 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. In the event of a major spill, fire, or other emergency, call 1-800-888-8372, day or night.

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Novartis Crop Protection, Inc.

Seed Treatment Products Greensboro, North Carolina 27419 www.cp.us.novartis.com

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Product of Switzerland Formulated in USA

NCP	799A-L1	One Gallon		
NCP	799A-L4	One Pint		
NCP	799A-L6	30 Gallons	Product ID:	167291
NCP	799A-L7	Gallons	Product ID:	167365

[QUARK]APRON XL/N-APRON XL LS-C - ccg - 3/7/01