

100-639
PM 21

11-5-87
Pg. 1 of 8

Apron® 25W

Fungicide

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

For use only by commercial seed treaters

Four Pounds
Net Weight

ACCEPTED
APR 20 1987
Under the Federal Insecticide, Fungicide, and Rodenticide Act of the United States Department of Agriculture EPA Reg. No. 100-639

Active Ingredient:	
Metalaxyl: N-(2,6-dimethylphenyl)-N-(methoxyacetyl) alanine methyl ester	25.08
Inert Ingredients:	75.08
Total:	100.08

See directions for use on panel at right.

Keep Out of Reach of Children.

Caution

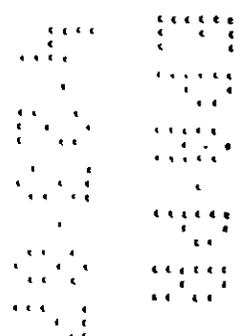
See additional precautionary statements on panel at right.

EPA Reg. No. 100-639

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CIBA-GEIGY

LABELS-A.1 (APR25W/F1)



DIRECTIONS FOR USE AND CONDITIONS OF SALE AND WARRANTY

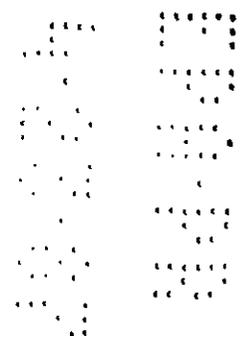
IMPORTANT: Read the entire Directions for Use and the Conditions of Sale and Warranty before using this product.

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 CIBA-GEIGY or the Seller. All such risks shall be assumed by the Buyer.

CIBA-GEIGY 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. CIBA-GEIGY makes no other express or implied warranty of Fitness or Merchantability or any other express or implied warranty. In no case shall CIBA-GEIGY or the Seller be liable for consequential, special, or indirect damages resulting from the use or handling of this product. CIBA-GEIGY 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 CIBA-GEIGY.

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General Information

Apron is a systemic fungicide seed dressing specifically for control of systemic downy mildews and diseases caused by soil-borne Pythium and Phytophthora spp. For control of other soil borne diseases, such as Rhizoctonia spp., Apron 25W should be applied in combination with other registered seed dressing fungicides.

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

Apron 25W 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.

DIRECTIONS FOR USE

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

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

Seed Treatment - Domestic Use

Cotton

- For Pythium seed rot and damping-off: Apply Apron 25W as a seed treatment to machine-delinted or acid-delinted cottonseed at the rate of 1-2 ounces per 100 lbs. of seed.

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Forage Grasses

- Grasses grown for hay grazing or silage, corn (fodder or silage), and small grain grown for hay grazing or silage.

For Pythium damping-off control:
Apply Apron 25W as a seed treatment at the rate of 1-2 ounces per 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 25W as a seed treatment at the rate of 2 ounces per 100 lbs. of seed.

For suppression of early season downy mildew in alfalfa and soybeans: Apply Apron 25W as a seed treatment at the rate of 2 ounces per 100 lbs. of seed.

Garden Beets

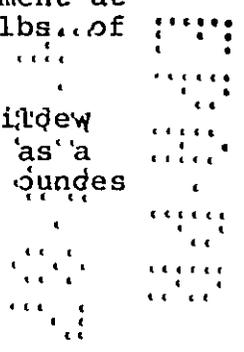
- For control of Pythium damping-off: Apply Apron 25W as a seed treatment at the rate of 2 ounces per 100 lbs. of seed.

Grain Crops

- Wheat, barley, rye, oats, millet, rice, corn (field corn, sweet corn, and popcorn), buckwheat and triticale.

For Pythium damping-off control:
Apply Apron 25W as a seed treatment at the rate of 1-2 ounces per 100 lbs. of seed.

- For control of systemic downy mildew of sweet corn: Apply Apron 25W as a seed treatment at the rate of 4 ounces per 100 lbs. of seed.



Turfgrasses (All)

- For Pythium damping-off control on golf courses, home lawns, reclamation and erosion control projects: Apply Apron 25W as a seed treatment at the rate of 2-4 ounces per 100 lbs. of seed.

Seed and Pod Vegetables

- Black-eyed peas, cowpeas, dill, edible soybeans, field beans, chick peas (garbanzo beans), field peas, garden peas, green beans, kidney beans, lima beans, navy beans, okra, peas, pole beans, snap beans, string beans, wax beans, lentils and lupines.

For Pythium damping-off and early season Phytophthora control: Apply Apron 25W as a seed treatment at the rate of 2 ounces per 100 lbs. of seed.

For control of Pythium damping-off and systemic downy mildew of peas: Apply Apron 25W as a seed treatment at the rate of 5 ounces per 100 lbs. of seed.

Sorghum

- For control of Pythium damping-off on all sorghum cultivars, use 2 ounces of Apron 25W per 100 lbs. of seed applied as a seed treatment.

For control of systemic downy mildew, apply 2 ounces of Apron 25W 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 in heavily infected areas with recent severe history, apply 4 ounces of Apron 25W per 100 lbs. of seed as a seed treatment. Seed treated with the 4 ounces 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 25W.

Sugar Beets

- For control of Pythium damping-off: Apply Apron 25W as a seed treatment at the rate of 2 ounces per 100 lbs. of seed.

Soybeans

- For Pythium damping-off and early season Phytophthora control: Apply Apron 25W as a seed treatment at the rate of 1-2 ounces per 100 lbs. of seed.

Sunflower

- For control of systemic downy mildew: Apply Apron 25W as a seed treatment at the rate of 4 ounces per 100 lbs. of seed.

Seed Treatment-Export Use

FOR TREATMENT OF THE FOLLOWING SEED FOR EXPORT ONLY TO COUNTRIES REQUIRING TREATMENT WITH METALAXYL BEFORE IMPORTATION.

Sorghum

- For control of Pythium damping-off and systemic downy mildew of sorghum, apply Apron 25W as a seed treatment at the rate of 4-14 ounces per 100 lbs. of seed.

Sunflower

- For control of systemic downy mildew: Apply Apron 25W as a seed treatment at the rate of 8-14 ounces per 100 lbs. of seed.

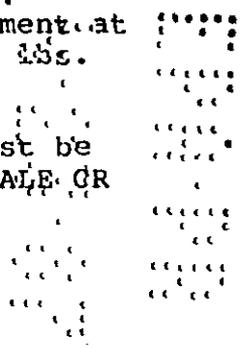
Corn

- For control of Pythium damping-off and systemic downy mildew of corn: Apply Apron 25W as a seed treatment at the rate of 4-14 ounces per 100 lbs. of seed.

Millet

- For control of Pythium damping-off and systemic downy mildew of millet: Apply Apron 25W as a seed treatment at the rate of 4-14 ounces per 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.



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Note: Federal law requires that bags containing treated seeds shall be labeled with the following information:

"This seed has been treated with metalaxyl 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.

Storage and Disposal

Pesticide Storage and Disposal

Store in a dry place. Do not contaminate water, food or feed by storage, disposal, or cleaning of equipment. Open dumping is prohibited. Wastes resulting from the use of this product are acutely toxic. Improper disposal of unused pesticide, spray mixture, or rinsate is a violation of federal law. Pesticide, spray mixture, or rinsate that cannot be used according to label instructions must be disposed of according to federal, state or local procedures. For guidance in proper disposal methods, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office.

Container Disposal

Completely empty bag into application equipment. Dispose of empty bag in a sanitary landfill or by incineration, or by open burning, if allowed by state and local authorities. If burned, keep out of smoke.

For minor spills, leaks, etc., follow all precautions indicated on this label and clean up immediately. Take special care to avoid contamination of equipment and facilities during cleanup procedures and disposal of wastes. In the event of a major spill, fire or other emergency, call (919) 292-7100 day or night.

Precautionary Statements

Hazards to Humans and Domestic Animals

CAUTION

Harmful if swallowed, inhaled, or absorbed through the skin. Causes eye irritation. Avoid contact with eyes, skin, or

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clothing. Avoid breathing dust or spray mist. Wash thoroughly with soap and water after handling. Remove and wash contaminated clothing before reuse. Do not store near food or feed.

Practical Treatment: In case of contact, flush eyes or skin with plenty of water. Get medical attention if irritation persists. If swallowed, give large quantities of water to drink and induce vomiting. Never give anything by mouth to an unconscious person. Call a physician immediately. If inhaled, move to fresh air; if not breathing, give artificial respiration and get medical attention.

Environmental Hazards

Do not apply directly to water. Apply only as specified on this label. Do not apply when weather conditions favor drift from treated areas. Do not contaminate water by cleaning of equipment or disposal of wastes.

Physical and Chemical Hazards

Do not use or store near heat or open flame.

Apron® trademark of CIBA-GEIGY for metalaxyl

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Agricultural Division
CIBA-GEIGY Corporation
Greensboro, North Carolina 27419

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Revised	December 14, 1983
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Revised	February 24, 1986
Revised	February 10, 1987
Revised	March 30, 1987
	(sugar beets)
Revised	April 22, 1987

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