



Subdue® 5G

Fungicide

For the control of root and stem rot diseases of ornamentals, Pythium diseases of turf, and Phytophthora root rot in conifer nurseries

10 pounds
Net weight

Active Ingredient:

| | |
|--|---------|
| Metalaxyl: N-(2,6-dimethylphenyl)-N-(methoxyacetyl) alanine methyl ester | 5.00% |
| Inert Ingredients: | 95.00% |
| Total: | 100.00% |

Subdue 5G is a granular fungicide.

Keep Out of Reach of Children.

Caution

See additional precautionary statements on back of bag.

See directions for use on back of bag.

EPA Reg. No. 100-

Control No.

©1983 CIBA-GEIGY Corporation

Agricultural Division
CIBA-GEIGY Corporation
P. O. Box 18300
Greensboro, NC 27419

CGA 64L6

ACCEPTED
 SEP 15 1983
 Under the Federal Insecticide,
 Fungicide, and Rodenticide Act,
 this product is registered for the pesticide
 use specified on the label.
 EPA Reg. No. 100-646

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.

General Information

Subdue is a systemic fungicide for use on ornamentals, turf, conifer nurseries, and vegetable plant beds.

Note: 1) Subdue is a systemic fungicide having a specific mode of action. Subdue 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 Subdue resistant strains of fungi which may occur.

Directions for Use

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

FAILURE TO FOLLOW DIRECTIONS ON THIS LABEL MAY RESULT IN CROP INJURY OR POOR DISEASE CONTROL.

Ornamentals

Use Subdue on container, bench, or bed-grown ornamentals in greenhouses or outdoor nurseries for control of damping-off, and root and stem rot diseases caused by Pythium and Phytophthora. Use Subdue either as a soil surface application or soil mix on ornamentals at time of seeding and transplanting. Within a rate range given for a specific group of ornamentals, use the lower rate for the shortest interval listed and the higher rate for the longest interval. Under severe disease conditions, use the highest rate and the shortest interval specified.

When applying Subdue 5G to the soil surface, irrigate with enough water to completely wet the root zone after application. Do not exceed recommended rates or apply more frequently than directed, or plant injury may occur.

Precaution: Do not apply to Euonymus or injury may occur.

| | |
|---|--|
| <p><u>Foliage Plants</u></p> <p>Aglaonema Aphelandra Dieffenbachia Heather Peperomia Philodendron* Pothos Schefflera Zygocactus</p> | <p><u>SOIL SURFACE:</u> Distribute 8-16 oz. uniformly over 1,000 sq. ft. of bed or bench area. Irrigate with enough water to thoroughly wet the root zone after application. Repeat applications at two to three month intervals if necessary.</p> <p>*On Philodendron, use 12-24 oz. per 1,000 sq. ft.</p> <div data-bbox="956 1022 1742 1250" style="border: 1px solid black; padding: 5px;"><p><u>Precaution:</u> To minimize the potential for injury to Pothos, do not use more than 9 oz. and do not apply more frequently than once every 3 months.</p></div> |
| <p><u>Bedding Plants</u></p> <p>Ageratum Aster Begonia Caladium Carnation Chrysanthemum Coleus Geranium Impatiens Marigold Pansy Salvia Snapdragon Verbena Vinca Zinnia</p> | <p><u>At Transplanting (Soil 2-3 inches deep):</u> Uniformly apply 6-12 oz. to 1,000 sq. ft. of bed area. Irrigate with enough water to thoroughly wet soil after application. Repeat applications at one to two month intervals if necessary. Do not apply rates of 9 oz. more than once every six weeks.</p> |

/continued ... 5

| | |
|--|--|
| <p><u>Flowers</u></p> <p>African violet Carnation Chrysanthemum Easter lily Geranium Gloxinia Poinsettia</p> | <p><u>SOIL APPLICATION:</u> Uniformly apply 12-24 oz. per 1,000 sq. ft. Repeat application at one to two month intervals if necessary. Irrigate with enough water to thoroughly wet soil after application. Do not apply rates of 9 oz. more often than every six weeks.</p> <div data-bbox="950 993 1692 1130" style="border: 1px solid black; padding: 5px;"><p><u>Precaution:</u> Do not apply more than 12 oz. to Easter lily and only make one at-planting application.</p></div> |
| <p><u>Azalea</u></p> | <p><u>SOIL APPLICATION:</u> <u>Phytophthora</u> root and crown rot - Uniformly apply 15-30 oz. per 1,000 sq. ft. of bed area. Irrigate with enough water to thoroughly wet the soil after application. Repeat applications at two to four month intervals if necessary.</p> <div data-bbox="950 1579 1726 1807" style="border: 1px solid black; padding: 5px;"><p><u>Precaution:</u> To minimize the potential for injury to azaleas, do not apply repeat applications at rates greater than 30 oz. closer than every 3 months, and do not exceed a total of 50 oz. in 6 months.</p></div> |

/continued ... 6

| | |
|--|---|
| <p><u>Woody Ornamentals</u> <u>Other Than Azalea</u></p> <p>Acuba japonica Andromeda Arborvitae Boxwood Ceanothus Chinese juniper Dogwood English ivy Ilex Pieris japonica <u>Pinus thunbergii</u> Savin juniper Tam juniper Shore juniper Pittosporum Rhododendron White cedar White pine</p> | <p><u>SOIL APPLICATION:</u> Uniformly apply 25-50 oz. per 1,000 sq. ft. Irrigate with enough water to thoroughly wet soil after application. Repeat applications at two to three month intervals if necessary. Do not apply rates greater than 40 oz. more often than once every ten weeks.</p> |
|--|---|

Conifers in Nurseries

Subdue provides control of Phytophthora root rot of conifers.

| | |
|--|--|
| <p>Seedbeds and Plug-Plantings</p> | <p>Uniformly apply 12 1/2 lbs. Subdue 5G per acre in the spring and again in the fall.</p> |
| <p>2-0 Transplants</p> | <p>Uniformly apply 25 lbs. Subdue 5G per acre in the spring and again in the fall.</p> |

Turf

Subdue controls Pythium blight and Pythium damping-off in turf, yellow tuft (downy mildew) in bluegrass, and downy mildew in St. Augustine grass. Within the rate range given for turf, use the lower rate for the shortest interval listed and the higher rate for the longest interval. Under severe disease conditions, use the highest rate and shortest interval specified.

| | |
|---|---|
| Established Turf: <u>Pythium</u> Blight Yellow Tuft Downy Mildew | Uniformly apply as a preventative treatment at 5-10 oz. per 1,000 sq. ft. Re-treat at 10-21 day intervals during periods favorable for disease development. Irrigate with 1/4-1/2 inch water after application. |
| Newly Seeded Areas: <u>Pythium</u> Damping-Off <u>Pythium</u> Blight Yellow Tuft Downy Mildew | Uniformly apply 5-10 oz. per 1,000 sq. ft. immediately after seeding. Irrigate with 1/4-1/2 inch water. Re-treat at 7-14 day intervals if conditions remain favorable for disease. |

Vegetable Bedding Plants (Tomatoes, Cucumbers, and Melons)

Pythium Damping-Off of Tomatoes, Cucumbers, and Melons

Uniformly apply 10-20 lbs. Subdue 5G per acre as a preplant broadcast application (5-10 oz. per 150 square yards of bed) before or at the time of seeding to the surface of the beds and lightly incorporate or follow with one-half inch sprinkler irrigation water.