Fungicide

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

Active Ingredient:
Mepanipyraox (2-Chloro-6-Dimethylaminopyridine-N
(2-Methylpyridyl) Alkane Methyl Ester: N.C 25.11%

Inert Ingredients: 74.89%

Total: 100.00%

Subdue 2E contains 2 lbs. active ingredient per gallon.

EPA Reg. No. 100-619

Keep Out Of Reach Of Children.

DANGER

See additional precautionary statements on this sheet.

CGA 64L4: 111

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 intended 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 limitations of this industry.

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, and conifer nurseries.

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 on ways to control any possible Subdue resistant strains of fungi which may occur.

Mixing Instructions

Fill the spray tank one-half to three-fourths full with water, add the proper amount of Subdue, then add the rest of the water. Provide sufficient agitation during mixing and application to maintain a uniform solution.

Subdue is usually compatible with: OxyPen, Diazinon, Tarsan 991, Dacoulate 2787, Tarsan LSR, Foran, Dyrene, and Actiflost 15E.

To determine the compatibility of Subdue with these and other products, pour the products into a small container of water, in the correct proportions. After thorough mixing, let stand for five minutes. If the combination remains mixed, or can be remixed readily, the mixture is compatible.

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 bedgrown 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 drench or soil mix on ornamentals at time of planting, and transplanting. Subdue may be applied as a foliar spray on azaleas. Within a rate range given for a specific group of ornamentals, use the lower rate for the shortest interval, and the higher rate for the longest interval. Under severe disease conditions, use the highest rate and the shortest interval specified.

For use on ornamentals as less than 4 inches of soil, apply 100 gals. of Subdue soil drench to 800 sq. ft. of surface area (1 pt./sq. ft). For more than 4 inches of soil depth, apply 100 gals. of Subdue soil drench to 400-600 sq. ft. of surface area (1/2 pt./sq. ft.). 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.

Foliage Plants

Aphelandra
Aphelandra
Aphelandra
Philodendron
Philodendron
Philodendron
Philodendron

Schefflera

SOIL DRENCH: Mix 0.4-1.2 fl. ozs. with 100 gals. of water and apply to 400-600 sq. ft. of bed or bench area. Repeat applications at two or three week intervals.

Bedding Plants

Ageratum
Aster
Begonia
Carnation
Chrysanthemum
Coleus
Geranium
Impatiens
Marigold
Pansy
Salvia
Snapdragon
Verbena
Vinca
Zinnia

SOIL DRENCH: Mix 0.4-0.6 fl. oz. with each cu. yd. of soil mixture.

SOIL DRENCH AT SEEDING: Mix 0.25-0.5 fl. oz. with 100 gals. of water and apply to 800 sq. ft. of bed area.

At Transplanting: Mix 0.6-2 fl. ozs. with 100 gals. of water and apply 800 sq. ft. of bed area. Repeat applications at one to two month intervals if necessary. Do not apply more than 1.6-2 fl. ozs./100 gals. more often than once every six weeks.

SOIL MIX: Thoroughly mix 0.4-0.6 fl. oz. with each cu. yd. of soil mixture.

If necessary, apply 0.4 fl. ozs./100 gals. Coverage: For soil depth of 4 inches or less, apply 100 gals. to 800 sq. ft. soil depth of more than 4 inches, apply 100 gals. to 400-600 sq. ft. of area.

Precaution: To maintain the benefit, for injury to Pythium, do not use more than 0.8 fl. oz./100 gals. and do not apply more frequently than once every six weeks.

SOIL MIX: Thoroughly mix 0.4-0.6 fl. oz. with each cu. yd. of soil mixture.

Ciba-Geigy
SOIL DRENCH: Mix 0.5-2 fl ozs. with 100 gals. of water and apply to 400-600 sq. ft. (1/2 pts./sq. ft.). Repeat application at one to two month intervals if necessary. Do not apply rates of 2-5 fl ozs./100 gals. more often than once every six weeks.

Coverage: For soil depth of 4 inches or less, apply 100 gals. to 800 sq. ft., soil depth of more than 4 inches, apply 100 gals. to 400-600 sq. ft.

Azaleas

SOIL DRENCH: Phytophthora root and crown rot — Mix 1-2.5 fl ozs. with 100 gals. of water and apply to 400-800 sq. ft. of bed area. Repeat applications at two to four month intervals if necessary.

Coverage: For soil depth of 4 inches or less, apply 100 gals. to 800 sq. ft., soil depth of more than 4 inches, apply 100 gals. to 400-600 sq. ft.

FOLIAR SPRAY: Phytophthora blight — Mix at 1-2.5 fl ozs. with 100 gals. Apply to new growth at 2-3 month intervals if necessary.

Precaution: To minimize the potential for injury to azaleas, do not apply repeat applications of 1-5 fl ozs./100 gals. more often than once every 6 months.

Woody Ornamentals Other Than Azalea

Acuba japonica
Andromeda
Arbutus
Ceanothus
Jasminum
Phlox
Rhododendron

SOIL DRENCH: Mix 1-4 fl ozs. with 100 gals. of water and apply to 400-900 sq. ft. (1/2 pts./sq. ft.). Repeat applications at two to three month interval if necessary. Do not apply rates of 3-2 fl ozs./100 gals. more often than once every ten weeks.

Coverage: For soil depth of 4 inches or less, apply 100 gals. to 800 sq. ft., soil depth of more than 4 inches, apply 100 gals. to 400-600 sq. ft.

Conifers in Nurseries

Seedlings provide control of Phytophthora root rot of conifers.

Seedbeds and Plug-Plantings

Apply 2 1/2 pts. of Subdue 2E as a broadcast spray over the beds in at least 50 gals. of water per acre at the time of seeding or transplanting. Additional applications should be made at approximately six week intervals.

2-0 Transplants

Apply 5 pts. of Subdue 2E as a broadcast spray over the beds at a rate of 50 gals. of water per acre at the time of transplanting. Additional applications should be made at approximately six week intervals.

* Newly transplanted two-year-old seedlings.

Turf

Subdue controls Pythium Blight and Pythium damping-off. Apply as a spray to established turf to control Pythium Blight, or apply as a spray at time of seeding to control Pythium damping-off. 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: Pythium Blight

Apply as a preventative treatment at 1-2 fl ozs. in 3-5 gals. of water per 1,000 sq. ft. Repeat at 10-21 day intervals during periods favorable for disease development.

Newly Seeded Areas: Pythium Damping-Off and Pythium Blight

Apply 1-2 fl ozs. in 5-10 gals. of water per 1,000 sq. ft. Immediately after seeding, irrigate with 1/2 inch water. Repeat at 7-14 day intervals if conditions remain favorable for disease.

Storage and Disposal

Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. Do not reuse container. Product, spray mixture, or rinse that cannot be reused.

Hazards to Humans and Domestie Animals

DANGER

Contact causes eye damage and skin irritation. Harmful if swallowed, inhaled, or absorbed through the skin. Do not get in eyes, on skin, or on clothing. Wear goggles, face shield and rubber gloves when handling. Avoid breathing vapor or spray mist. Remove and wash contaminated clothing before reuse. Do not store near food or feed.

First Aid: In case of eye contact, flush with plenty of water for 15 minutes and get medical attention. In case of skin contact, wash thoroughly with soap and water. If swallowed, give water or milk if conscious and get medical attention; do not induce vomiting. If inhaled, move to fresh air; if breathing, give artificial respiration and get medical attention.

Environmental Hazards

Do not apply directly to lakes, streams, or ponds. Apply only as specified on this label. Do not apply when weather condition favors drift from treated areas. Do not contaminate water by cleaning of equipment or disposal of wastes.

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