

## **FIELD GROWN (BED) PLANTS: SOIL APPLICATION**

### General Information

#### GENERAL INFORMATION

SEGWAY O is a flowable suspension concentrate for control of Pythium, Phytophthora and Downy mildew diseases on ornamental plants grown in commercial greenhouses and nurseries. Application by home-owners to residential turf is prohibited.

#### INTEGRATED PEST MANAGEMENT

SEGWAY O is an excellent disease control agent when used according to label directions for control of several Oomycete fungi. Although SEGWAY O has limited systemic activity, it should be utilized as a protectant fungicide and applied before the disease infects the crop.

Depending upon the level of disease pressure, good protection of the crop against disease can be expected over a period of 7 to 28 days.

SEGWAY O is recommended for use as part of an Integrated Pest Management (IPM) program, which may include the use of disease-resistant crop varieties, cultural practices, crop rotation, biological disease control agents, pest scouting and disease forecasting systems aimed at preventing economic pest damage. Practices known to reduce disease development should be followed. Consult your state cooperative extension service or local agricultural authorities for additional IPM strategies established in your area. SEGWAY O may be used in State Agricultural Extension advisory (disease forecasting) programs that recommend application timing based upon environmental factors that favor disease development.

#### RESISTANCE MANAGEMENT

Some plant pathogens are known to develop resistance to products used repeatedly for disease control. SEGWAY O's mode/target site of action is complex III of fungal respiration: ubiquinone reductase, Qi site (Fungicide Resistance Action Committee code 21). A disease management program that includes alternation and/or tank mixes between SEGWAY O and other labeled fungicides that have a different mode

of action and/or control pathogens not controlled by SEGWAY O is essential to prevent disease resistant pathogen populations from developing. SEGWAY O should not be utilized continuously nor tank mixed with fungicides to which the target diseases have developed resistance.

Since pathogens differ in their potential to develop resistance to fungicides, follow the directions outlined in the "Directions For Use" section of the label for specific resistance management strategies for each crop. Consult with your Federal or State Cooperative Extension Service representatives for guidance on the proper use of SEGWAY O in programs that seek to minimize the occurrence of disease resistance. SEGWAY O is not cross-resistant with other classes of fungicides that have different modes of action.

## PLANT TOLERANCE

Note to User: Although SEGWAY O has been evaluated on several plants with no indication of phytotoxicity, neither the manufacturer nor seller has determined whether or not SEGWAY O can be used safely on ornamental and nursery plants not specified on the label. The professional user should determine if SEGWAY O can be used safely prior to commercial use by testing a small number of the type of plants to be treated at recommended rates for that particular group for phytotoxicity.

## Limitations, Restrictions, and Exceptions

### Field Grown (Bed) Plants – Soil Application

For control of damping-off, root and stem rot in field-grown (bed) plants, including forest tree nurseries, with drench applications, use sufficient water solution to allow for penetration into the root zone. For soil surface applications made in outdoor nurseries, irrigate with at least  $\frac{1}{2}$  inch of water if rainfall does not occur within 24 hours. For all field grown (bed) plant applications, apply SEGWAY O only to the root zone area of the plant at the rate of 6 fl. oz. of SEGWAY O per 100 gallons. Do not exceed 1000 gallons of this mixture per acre per application (1.56 lbs. a.i./A). Do not make more than 2 applications of SEGWAY O per year to field grown (bed) plants (3.12 lbs. a.i./A/yr.). Applications may also be applied via drip irrigation as noted below.

Refer to the chart at the label for application volumes for container grown plants.

## Method

[Drench](#)

[Soil application](#)

Rates

[field rates 0](#)

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Restricted Entry Interval

12 hours

Timings

[When conditions are favorable for disease development or when plants first exhibit disease symptoms, from germination to mature crop.](#)