CONTAINER GROWN PLANTS: FOLIAR APPLICATION - PYTHIUM CROWN AND ROOT ROTS AND DAMPING-OFF

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

ORNAMENTALS:

Container and Field Grown (Bed) Plants - Foliar Application

For foliar applications, apply sufficient spray solution to thoroughly wet the foliage to the point of run-off (generally not to exceed 100 gallons per acre). Do not apply more than two consecutive applications of SEGWAY O during any growing season. SEGWAY O should then be alternated with another registered fungicide with a different mode of action. Do not make more than 4 applications of SEGWAY O per crop cycle for control of downy mildews or Phytophthora foliar diseases.

Comments

Make applications on a 14 to 28 day interval using another registered fungicide with a different mode of action between applications of SEGWAY O. Within the rate

range, use the lower rate and shortest interval and the higher rate at the longest interval. When disease is severe use the highest rate at the shortest interval. See the rate chart above for application volumes for container grown plants.

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

Method
Foliar 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.