

Non-Agricultural Use Requirements

The requirements in this box apply to uses of this product that are not within the scope of the Worker Protection Standard for agricultural pesticides, 40 CFR part 170. The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses. Turf grasses on golf courses and other nonresidential turf areas such as industrial parks, tank farms, professionally managed college and professional sports fields, commercial lawns and ornamental landscapes are not within the scope of the Worker Protection Standard. Keep children, pets, and unprotected persons out of the treated area until sprays have dried.

General Information

Segway® Fungicide SC (Segway) is a flowable suspension concentrate for control of Pythium and Downy mildew diseases on turf areas associated with golf courses (greens, tees and fairways), sod farms, seed farms, college and professional sports fields, residential and commercial lawns. Segway can also be used to control Pythium, Phytophthora and Downy mildew diseases on ornamental plants in landscapes. Application by home-owners to residential turf is prohibited.

Turf

Segway controls Pythium blight, Pythium damping-off, Pythium root dysfunction, and Pythium root rot in turf. Within the rate range given for turf, use the lower rate for the shortest interval and higher rate for the longest interval. Under severe disease conditions, use the highest rate and shortest interval. Use only with ground application equipment.

Do not apply more than three applications of Segway at the high use rate during any growing season. Do not apply more than two consecutive applications of Segway. Subsequent applications should be alternated with another registered fungicide with a different mode of action. Do not apply more than 2.7 fl.oz./1000 sq.ft./year (3.0 lb a.i./acre/year).

For Application to Turf:

Disease	Use Rate	Application Interval	Remarks
Pythium blight, Pythium damping-off	0.45 to 0.9 fl.oz. per 1000 sq.ft.	14 to 21 days	Apply as a preventative treatment at 0.45 to 0.9 fl.oz. in 2 to 4 gallons of water per 1,000 sq.ft. On established turf apply as a preventative treatment when conditions are favorable for disease development, or when first visible disease symptoms appear. During periods of prolonged favorable conditions use 0.45 fl.oz. on a 14-day interval. For newly seeded areas use 0.45 fl.oz. in 2 to 4 gallons per 1,000 sq.ft. immediately after seeding. Under severe conditions use the highest rate and the shortest interval.
Pythium root dysfunction	0.9 fl.oz. per 1000 sq.ft	14 to 28 days	Apply as a preventative treatment every 21 to 28 days in the fall and spring when mean daily soil temperatures are between 50°F and 75°F. Curative applications should be made every 14 to 28 days based on the appearance of symptoms. Immediately follow application with 1/8 inch irrigation.
Pythium root rot	0.9 fl.oz. per 1000 sq.ft	21 days	Apply as a preventative treatment every 21 days. Immediately follow application with 1/8 inch irrigation.

ORNAMENTALS

Soil Application

For control of damping-off, root and stem rot diseases of ornamentals, including conifers, grown in landscapes, apply Segway as a soil drench or soil surface spray. Do not make more than 2 applications of Segway per crop cycle for control of Pythium or Phytophthora soil borne diseases.

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 during any growing season. Segway should then be alternated with another registered fungicide with a different mode of action. Do not make more than 4 applications of Segway per crop cycle for control of downy mildews or Phytophthora foliar diseases.

Applications of Segway should begin when conditions are favorable for disease development or when plants first exhibit disease symptoms, from germination to mature crop.

For Application to Ornamental Plants:

Disease	Product Rate per 100 gallons	Comments
Pythium crown and root rots and damping-off	1.5 to 3.0 fl.oz.	Make applications on a 14 to 28 day interval using another registered fungicide with a different mode of action between applications of Segway. 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.
Phytophthora crown and root rots and foliar blights.	3.0 to 6.0 fl.oz.	Make applications on a 14 to 28 day interval using another registered fungicide with a different mode of action between applications of Segway. Use the shortest interval when disease conditions are severe. For foliar applications, apply sufficient product to wet all foliage to the point of run-off (generally not to exceed 100 gallons per acre).
Downy mildews	2.1 to 3.5 fl.oz.	Apply on a 14 to 21 day schedule (refer to the additional directions given in the Foliar Application paragraphs above). Within the rate range, use the lower rate at the shortest interval and the higher rate at the longest interval. When disease conditions are severe use the highest rate and shortest interval. Apply sufficient volume (normally 50 to 100 gallons per acre) to wet all foliage to the point of run-off. If water volumes used are less than 50 gallons per acre, an organosilicone surfactant should be added when the disease infection is severe, or a non-ionic surfactant or a blend of an organosilicone and a non-ionic surfactant should be added when disease infection is moderate or light, according to the manufacturer's label recommendations.

Integrated Pest Management

Segway is an excellent disease control agent when used according to label directions for control of several Oomycete fungi. Although Segway 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 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 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'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 and other labeled fungicides that have a different mode of action and/or control pathogens not controlled by Segway is essential to prevent disease resistant pathogen populations from developing. Segway should not be utilized continuously nor tank mixed with fungicides to which the target diseases have developed resistance.

