

CREEPING BENTGRASS - DOLLAR SPOT SUPPRESSION

General Information

GENERAL INFORMATION

Velocity SG is a postemergence herbicide that will selectively control annual bluegrass (*Poa annua*), roughstalk bluegrass (*Poa trivialis*) and numerous broadleaf weeds that are growing within certain species of established turfgrass. Velocity SG will also suppress seedhead production by annual bluegrass. Velocity SG displays activity against emerged weeds, but has almost no preemergent activity. Therefore, Velocity SG will not control weeds that germinate after application.

Velocity SG inhibits the enzyme acetolactate synthase (ALS), which plants require to produce three key amino acids. Annual bluegrass and other susceptible weeds usually stop growing within 3 to 7 days after treatment, and turn yellow or brown within 3 to 14 days after treatment. Plant death typically occurs by 21 to 28 days after treatment. More than one application of Velocity SG is usually required for maximum weed control.

Velocity SG is absorbed by plant foliage and roots. Plant uptake and performance of Velocity SG is influenced by environmental conditions, cultural practices and spray coverage. For best results, only apply Velocity SG when turf and weeds are actively growing. Application of Velocity SG to control weeds will also suppress infection of creeping bentgrass by dollar spot, *Sclerotinia homeocarpa*. Suppression of dollar spot will be greatest when a weed control program is initiated in the late spring or early summer before the appearance of significant dollar spot infection. When Velocity SG is applied at this time, dollar spot suppression is usually evident for several weeks after the last application of Velocity SG. Therefore, early season application of Velocity SG may delay the initiation of a dollar spot control program with fungicides, and reduce overall fungicide application on creeping bentgrass.

Velocity SG will also provide some curative control of dollar spot, but should not be used in place of labeled fungicides to control established infections of this disease.

USE PRECAUTIONS

Velocity SG is a very active herbicide, and users should exercise good judgment and

caution until familiarity is gained with this product. Due to variability of turfgrass varieties, growth stages, environmental conditions, cultural practices and application techniques, users should test this product under user growing conditions in a small area, and evaluate treated turf for 28 days to determine if the herbicide can be used safely in a widespread application.

APPLICATION

Apply Velocity SG using standard, low pressure (20 to 50 psi) spray equipment in a sufficient volume of water to provide thorough spray coverage and a uniform spray pattern. To ensure thorough coverage, apply a minimum of 20 gals of spray solution per acre. Apply Velocity SG with ground equipment using standard commercial sprayers equipped with nozzles designed to deliver the desired spray pressure and spray volume. Avoid streaking, skips or excessive overlaps during application. Do not apply with flood jet nozzles, air induction nozzles or hand held sprayers, as equipment may not provide adequate or uniform coverage. Calibrate spray equipment before each use and check periodically during application. The addition of a spray indicator, such as dyes or foams, is recommended.

For mixing instruction please refer to the label.

Limitations, Restrictions, and Exceptions

CREEPING BENTGRASS

For suppression of Dollar Spot

When used for weed control, Velocity SG can substantially suppress the development and severity of dollar spot in bentgrass fairways and tees. Suppression may be evident for several weeks after the final application. To maximize suppression of dollar spot, initiate weed control program in the late spring or early summer before or soon after the appearance of dollar spot symptoms in bentgrass.

USE PRECAUTIONS:

- Velocity SG can suppress dollar spot when applied before or soon after appearance of symptoms, but may

not provide adequate curative control of established infections of dollar spot.

- Do not use Velocity SG in place of labeled fungicides for curative control of dollar spot.
- Do not use Velocity SG to suppress dollar spot on golf greens.

RESTRICTIONS AND LIMITATIONS

- Do not apply through any type of irrigation system.
- Do not apply to golf greens or roughs.
- Do not apply if rain is expected within 12 hrs after application.
- Do not mow or irrigate turfgrass within 12 hrs after application.
- Do not apply to moist or wet turfgrass (including dew).
- Do not mix with wetting agents, spreader stickers, surfactants or other adjuvants.
- Do not apply with flood jet nozzles, air induction nozzles or hand sprayers.
- Do not apply when daily high air temperatures are below 60° F or above 90° F.
- Do not apply to turfgrass exhibiting symptoms of pythium blight or growing under stress due to drought, high or low temperatures, low fertility, heavy thatch, mechanical injury or other stresses.
- Do not apply Velocity SG between 10 days before and 30 days after seedling emergence of creeping bentgrass or perennial ryegrass.
- Velocity SG has not been evaluated for safety on all creeping bentgrass and perennial ryegrass cultivars.
- Velocity SG has not been evaluated under all microclimates or against all biotypes of annual bluegrass and roughstalk bluegrass. Therefore, performance may be less effective in some locations, and against some biotypes of these weed species.
- Velocity SG should not be applied in heavy traffic and/or heavily shaded turf areas.
- Velocity SG may dramatically reduce overall turfgrass cover due to its high activity against annual bluegrass and roughstalk bluegrass.

Method

[Broadcast/Foliar Ground](#)

Rates

[field_rates 0](#)

[field_rates 1](#)

[field_rates 2](#)

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Restricted Entry Interval

12 hours

Timings

[Before or soon after appearance of symptoms.](#)