HERBICIDE

FLUMISHIELD G

GRANULAR PREEMERGENCE HERBICIDE

One Granule. More Places to Put Flumioxazin to Work.

Flumishield G is a new granular formulation of the proven active ingredient flumioxazin designed to deliver broad-spectrum preemergence weed control across a wide range of established turfgrass and landscape applications.

Flumishield G provides extended residual control of troublesome annual grasses and broadleaf weeds, including annual bluegrass, crabgrass and goosegrass. Its granular formulation expands the versatility of flumioxazin beyond traditional dormant bermudagrass applications, providing turfgrass managers with a valuable new option for both cool- and warm-season turf.

ADVANTAGES OF USING FLUMISHIELD G

Broad-Spectrum Preemergence Control
Controls a wide range of annual grassy and broadleaf weeds, including annual bluegrass, crabgrass, goosegrass, doveweed, chickweed, henbit, spurge and many more when applied prior to germination.

Cool- and Warm-Season Turf Flexibility
Labeled for established Kentucky bluegrass, perennial ryegrass, tall fescue, fine fescue, chewings fescue, bermudagrass, zoysiagrass, St. Augustinegrass, buffalograss and seashore paspalum, giving turf managers broad flexibility across different turf systems.

A New Rotation Option for Preemergence Programs
Flumioxazin provides a **Group 14 mode of action**, creating an important rotational option for preemergence programs and resistance management. It is particularly valuable as a rotational option in programs that rely heavily on other preemergence chemistries, including indaziflam-based programs.

Non-Root-Pruning Chemistry
Unlike many preemergence herbicides that inhibit root development, flumioxazin controls susceptible weeds through PPO inhibition. This provides turf managers with another approach to preemergence control when building programs around turfgrass establishment and overall plant health.

More Than Just Turf
Flumishield G can also be used around labeled established landscape ornamentals, in bare-ground non-crop areas, and established native areas, providing additional utility for golf courses, commercial landscapes, parks, and other recreational sites.

Turfgrass Application Considerations
Use Rate:
200–300 lb/A
4.6–6.9 lb/1,000 ft²

Maximum Annual Use:
Do not exceed 600 lb/A per year or treat the same site more frequently than once every 8 weeks.

Activation:
If rainfall is not expected within 24 hours following a turfgrass application, irrigate with up to ½" of water to activate the herbicide and maximize weed control.

Active Ingredient:
0.125% Flumioxazin

HRAC: Group 14

Packaging: 50lb bags

SGN: 120

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Key Application Tips

- Apply when turfgrass leaf surfaces are dry and irrigate lightly after application to prevent granules from adhering to foliage.
- Consider split applications where heavy weed pressure, substantial rainfall or season-long control warrants additional residual.
- Do not apply to putting greens, tees, creeping bentgrass, centipedegrass or Dichondra.
- Applications during spring green-up may delay turfgrass green-up.

Application Timing

Apply prior to weed germination. The higher labeled rate will provide better residual control.

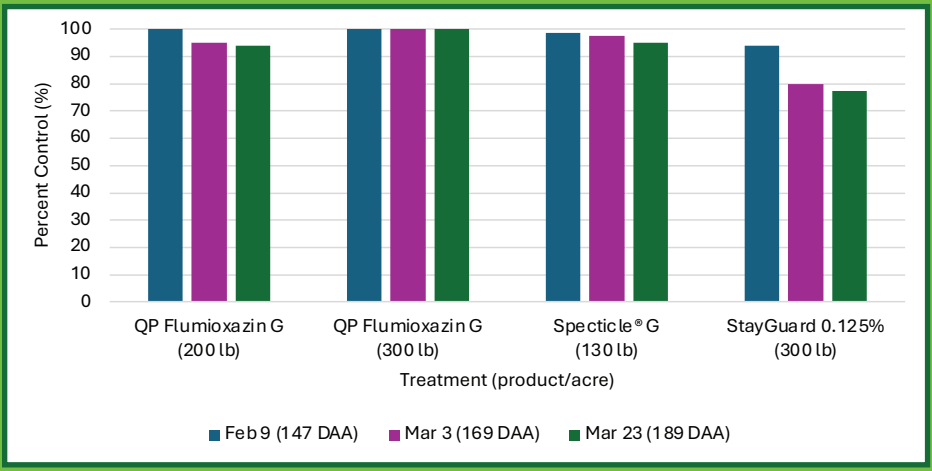
Annual Bluegrass:

Apply in late summer to early fall before annual bluegrass germination. Split applications may be needed for season-long control.

Crabgrass & Goosegrass:

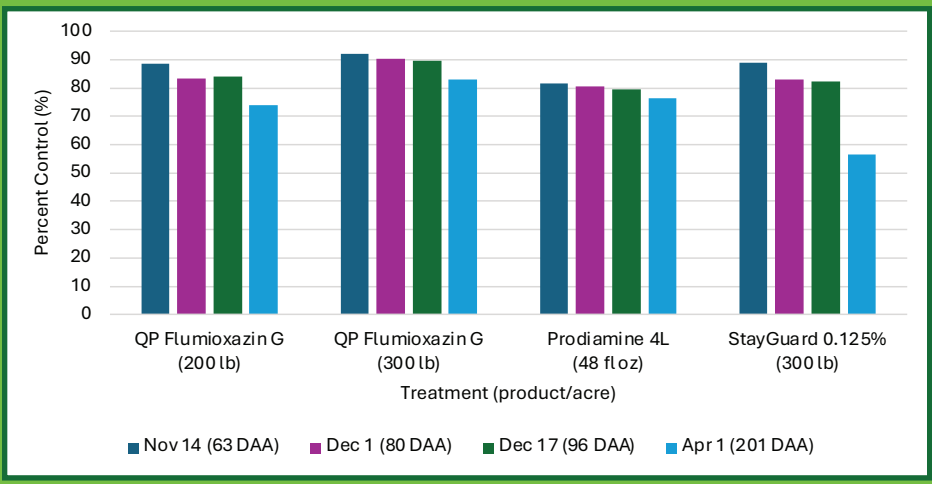
Apply in late winter to early spring prior to germination. A second application may be required where extended summer annual weed control is needed.

ANNUAL BLUEGRASS PREEMERGENT CONTROL



Flumishield G provides up to 100% preemergent control of annual bluegrass (*Poa annua*) for at least 189 days after application (DAA). Treatments were applied September 15, 2025, at the University of Tennessee by Dr. Jim Brosnan. These results demonstrate the long-lasting preemergent activity of Flumishield G and highlight its value as a rotational partner with alternative chemistries for annual bluegrass resistance management.

HENBIT FALL PREEMERGENT CONTROL



Flumishield G provided excellent preemergent control of henbit for at least 200 days after application (DAA) in a tall fescue stand in Lexington, KY. Treatments were applied September 12, 2025, in research conducted by Dr. Mike Harrell at SETRC. These results also demonstrate its utility as an effective rotational partner with prodiamine for diversifying fall preemergent herbicide programs.