

TURFGRASS WEED CONTROL FOR HOMEOWNERS

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The herbicides recommended in this section are available in small containers at most lawn and garden, hardware and discount stores. The herbicides listed in the section entitled "TURFGRASS WEED CONTROL RECOMMENDATIONS FOR PROFESSIONAL MANAGERS" are not usually available in small containers at stores that homeowners purchase lawn and garden pesticides.

USE STAGE AND HERBICIDE	TURF-GRASS	AMOUNT OF FORMULATION/GAL. PER 1,000 SQ. FT.	REMARKS AND PRECAUTIONS
<u>PRE -EMERGENCE HERBICIDES:</u>			
Applications must be prior to weed emergence or poor control will result. Recommended dates annual weeds are September 1-15 in North GA and October 1-15 in South GA.			
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PREEMERGENCE (Established Grasses)			Controls annual grasses and selected broadleaf weeds.
oryzalin (surflan) 4AS	bermudagrass, centipede, tall fescue, zoysia, St. Augustine	1.0-2.0 fl. oz.	Apply 1.5 to 2.0 oz./1,000 sq. ft. for summer annual grass control, or apply 1.0 oz./1,000 sq. ft. and apply an additional 1.0 oz./1,000 sq. ft. 8 to 10 weeks after the initial application. Split applications are recommended for improved goosegrass control and for tall fescue. Use the low rate for annual bluegrass control. DO NOT apply to newly sprigged grasses until well established. DO NOT make a spring application to fall planted turfgrasses. Surflan is recommended for use on healthy, established turf. Delay reseeding for 3 to 4 months after applications.
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benefin (Balan) 2.5G (Crabgrass Preventer) 2.5 G (Crabgrass Preventer) 1.72 G	Ky. bluegrass, bermudagrass, centipede, tall fescue, zoysia, St. Augustine	1.5-3.0 fl. ¹ 1.8-2.8 lbs ¹ 2.0-2.7 lbs ¹	Controls annual grasses and selected broadleaf weeds. An additional application may be made 8 weeks after the initial treatment for continued weed control. DO NOT apply to newly sprigged grass until well established. DO NOT make a spring application to fall planted turfgrass. Delay reseeding for 6 weeks after application for the low rate, and for 12 to 16 weeks at the high rate. Benefin is available on a dry fertilizer carrier under various trade names.
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pendimethalin (Halts) 1.71G	Ky. bluegrass, bermudagrass, centipede, tall fescue, zoysia, St. Augustine	2.0 lbs. ¹	Controls annual grasses and selected broadleaf weeds. DO NOT use on newly sprigged or seeded grasses. NOT recommend for turfgrass that has been severely thinned due to winter stress. DO NOT reseed within 4 months of application. Pendimethalin is available on a dry fertilizer carrier under various trade names.
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benefin + oryzalin (XL) 2G	bermudagrass, centipede, tall fescue, zoysia, St. Augustine	2.0-3.5 lbs. ¹	Controls annual grasses and selected broadleaf weeds. DO NOT apply to newly sprigged grasses until well established. DO NOT make a spring application to fall planted turfgrasses. Delay reseeding for 6 weeks (low rate) and for 12 to 16 weeks (high rate)
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DCPA (Dacthal) 75 W (Garden Weed Preventer) 5G	Ky. bluegrass, bermudagrass, centipede, tall fescue, zoysia, St. Augustine	0.3-0.4 lbs. 5.0 lbs. ¹	Controls annual grasses and selected broadleaf weeds. Apply high rate in the fall for annual bluegrass control. Delay reseeding for 60 days after treatment.

¹ Apply granules directly to soil surface.

TURFGRASS WEED CONTROL FOR HOMEOWNERS (Continued)

USE STAGE AND HERBICIDE	TURF-GRASS	AMOUNT OF FORMULATION/GAL. PER 1,000 SQ. FT.	REMARKS AND PRECAUTIONS
PREEMERGENCE (Established Grasses)			
atrazine (Bonus S)	carpetgrass, centipede, St., Augustine, zoysia	4.3 lbs. ¹	This product supplies 1.9 lbs. a.i./acre of atrazine and 1.2 lbs. nitrogen/1,000 sq. ft. at the recommended rate, DO NOT apply in the fall or winter months. Apply to centipede only in the spring after complete green-up (transition for winter dormancy to active growth). This product may be used on newly sprigged turfgrasses. DO NOT apply to newly seeded carpetgrass or centipede until after two mowings. DO NOT sprig for one month or seed for six months after application. This product will provide pre-emergence and postmergence control of many annual weeds. If centipede has been fertilized with more than 1.0 lb./1000sq. ft. of a nitrogen containing fertilizer, the use of this product is NOT recommended. Bonus S is not a Restricted Use Herbicide.
(Atrazine Plus) 1.2 lb./gal. (Purge II) 2.0 lbs./gal.	Dormant, bermudagrass, centipede, St. Augustine, zoysia	5.0 fl. oz. 3.0 fl. oz.	Use in the fall or spring for the preemergence control of a wide range of annual grass and broadleaf weeds. Delay application to newly sodded or sprigged lawn, until the sprigs have rooted and are actively growing. On bermudagrass, apply only when the turfgrass is dormant. Purge II is not labeled for use on Zoysiagrass. Refer to additional precautions listed for atrazine Preemergence.
POSTEMERGENCE (Established Grasses)			
sethoxydim (Vantage) 1.0 lb./gal.	centipede, fine fescue,	0.5-0.75 fl. oz.	Apply Vantage only to centipede, and fine fescues (Creeping red, Chewing, Hard fescue). Other turfgrasses will be severely injured this herbicide. Controls annual grasses and suppresses bahiagrass growth. Apply Vantage no sooner than 3 weeks after spring greenup. May be applied at the low rate to newly planted centipede after 3 inches of stolon growth has occurred. DO NOT mow 7 days prior to or after application. Two applications per season may be utilized in established centipede. For bahiagrass suppression, repeat treatment 10 to 14 days after the first application. DO NOT tank mix Vantage with other pesticides or fertilizers.
MSMA (Crabgrass Killer) 1 lb./gal. (529 Weed Killer) 4 lb./gal.	Ky., bluegrass bermudagrass, tall fescue	6.0 fl. oz. 2.0 fl. oz.	These herbicides provide good control of emerged annual grasses, bahiagrass and dallisgrass, and fair control of nutsedge. Multiple applications spaced 7 to 10 days apart are needed for acceptable control. Temporary turf discoloration will occur. Zoysiagrass cultivars vary in their tolerance to MSMA. 'Matrella' and 'Emerald'. DO NOT apply to St. Augustine, carpetgrass, or centipede.
2,4-D + MCPP (Weed-B-Gon) (Weed-B-Gon Jet Weeder).	Ky. bluegrass, bermudagrass, carpetgrass, centipede, tall fescue, zoysia,	3.3 fl. oz. (aerosol)	Controls a broader Spectrum of annual broadleaf weeds than 2,4-D alone. Newly-seed lawns may be treated after minimum of 3 mowings. Use the regular rate on dormant centipede or carpetgrass and one-half the regular rate (1.6 oz.) on actively growing centipede or carpetgrass. Not recommended for St. Augustine.

¹ Apply granules directly to soil surface.