

## Turfgrass Weed Control for Professional Managers

Tim R. Murphy, Extension Agronomist – Weed Science

Use Stage and Herbicide	Turfgrasses	Broadcast Rate/Acre		Remarks and Precautions
		Amount of Formulation	Pounds Active Ingredient	
<b>Preemergence Herbicides - Golf Course Putting Greens</b>				
bensulide (Bensumec) 4LF  (Pre-San) 7G	bentgrass, bermudagrass	1.9 to 3.1 gals.	7.5 to 12.5	Controls annual grasses and selected broadleaf weeds. Apply high rate in fall for annual bluegrass control. Apply a light irrigation immediately after treatment. DO NOT apply to newly sprigged grasses. Delay reseeding for 4 months after treatment.
		107.0 to 180.0 lbs.	7.5 to 12.5	
pronamide (Kerb T/O) 50WSP	bermudagrass	1.0 - 2.0	0.5 to 1.0	Preemergence or postemergence applications of Kerb will control annual bluegrass. Apply to non-overseeded bermudagrass greens. Do not apply closer than 90 days before overseeding cool-season grasses unless deactivation with activated charcoal is planned. To deactivate Kerb with activated charcoal, such as Gro-Safe, use 10 lbs. charcoal per 1,000 ft <sup>2</sup> . Reseed no sooner than 7 days after charcoal application. A light overhead irrigation is necessary to move Kerb into the weed root zone if no rainfall occurs within 24 hours. DO NOT apply Kerb to any cool-season turfgrass. Kerb is a Restricted Use Herbicide.
siduron (Tupersan) 50 WP	creeping bentgrass	4.0 to 24 lbs.	2.0 to 12.0	May be applied at the time of seeding or to established creeping bentgrass for crabgrass spp. control. Siduron does not control goosegrass or annual bluegrass. Irrigate within 3 days of application with ½ inch of water/acre if rainfall does not occur. Tupersan at 1.0 lb. product per 1,000 ft <sup>2</sup> may be used as band treatment along the perimeter of creeping bentgrass putting greens to suppress stolon growth of bermudagrass. Make the initial application in the March/April time frame. Repeat applications can be made at 4 to 5 week intervals.
fenarimol (Rubigan) 1AS (Patchwork) 0.78G	overseeded bermudagrass	See Label See Label	See Label See Label	Fenarimol is a systemic fungicide that reduces the infestation level of annual bluegrass. May be applied as a sequential treatment to bermudagrass greens that are overseeded with perennial ryegrass, Poa trivialis or bentgrass. Sequential treatments should be applied at intervals of 10 to 14 days. Use the triple application program if bentgrass or Poa trivialis is used for overseeding. For double applications, apply 6.0 fl. oz. of Rubigan AS or 6.0 lbs. of Patchwork per 1,000 ft <sup>2</sup> with the last application 2 weeks prior to overseeding ryegrass. For triple applications, apply 4.0 fl. oz. of Rubigan AS or 4.0 lbs. Patchwork per 1,000 ft <sup>2</sup> with the last application 2 weeks prior to overseeding ryegrass or 4 weeks prior to overseeding bentgrass or Poa trivialis. A single application of Rubigan AS at 2.0 fl. ozs. or Patchwork at 2.0 lbs. per 1,000 ft <sup>2</sup> in January or February will help to maintain annual bluegrass control. Rubigan will not control perennial bluegrass.
bensulide + oxadiazon (Goosegrass/Crabgrass Control) 5.25% + 1.31% G	bentgrass, bermudagrass	115.0 lbs.	6.0 bensulide + 1.5 oxadiazon	Controls summer annual grasses. Apply a light irrigation after treatment. DO NOT use on newly sprigged grasses until well established. Delay reseeding for 5 months after treatment. On putting greens overseeded with perennial ryegrass or Poa trivialis apply ½ the maximum labeled rate to dry turf. Apply an additional application at ½ the maximum labeled rate to dry turf 10 to 14 days later. See label for precautions concerning use on putting greens.