

Control Options for Troublesome Weeds in Home Lawns

Winter Weed Management			
Weed (s)	Herbicide (s)	Trade Name (s)	Comments
Preemergence annual bluegrass, chickweed, henbit control for all established southern lawns.	trifluralin and benefin; dithiopyr; pendimethalin	Greenlight Crabgrass Preventer; Sta-Green Crab-ex ,Hi-Yield Dimension or Greenlight Crabgrass Preventer 2; Scott's Halts	Apply herbicides in late September to early-October prior to annual bluegrass germination. Granular products applied with rotary or drop spreaders. See label for correct spreader settings.
Preemergence winter broadleaf weeds control including lawn burweed. Safe for all established southern grasses.	isoxaben	Greenlight Portrait	Apply Portrait (granular herbicide) in late September to early-October before winter broadleaf weeds germinate. Provides no grass control. Safely applied under most established trees when used as directed. See label for correct spreader settings.
Preemergence and early postemergence annual bluegrass, lawn burweed and many winter broadleaves in centipedegrass, St. Augustinegrass, zoysia, and dormant Bermuda.	liquid atrazine	Various atrazine sources including Southern Ag and Hi-Yield	Apply spray in November. Do not apply under the dripline of trees and shrubs. Consider reapplication in February.
Postemergence control of most winter broadleaf weeds including lawn burweed in all southern lawns.	2,4-D + mecoprop + dicamba or 2,4-D + mecoprop + dicamba + carfentrazone	Bayer Advanced Southern Broadleaf Weed Killer, Ortho Weed B Gon, SpectricideWeed Stop 2x, or Ferti-lome Weedfree Zone	Apply spray to young emerged weeds from November to March. Better activity at temperatures above 60 F. Reapplication may be necessary. Observe label precautions.
Summer Weed Management			
Summer Grasses			
Preemergence crabgrass and goosegrass control for all established southern lawns	trifluralin and benefin; dithiopyr; pendimethalin	Greenlight Crabgrass Preventer; Sta-Green Crab-ex, Greenlight Crabgrass Preventer 2, Hi-Yield Dimension; Scott's Halts	Apply herbicides in late February in north LA and mid-February in south LA prior to crabgrass germination. Granular products applied with rotary or drop spreaders. See label for correct spreader settings.
Postemergence bahiagrass control in bermuda, centipede, St. Augustine, and zoysia	metsulfuron	Manor, Blade	Product is very effective on Pensacola bahiagrass. Product is not widely available. Consider internet sources.
Postemergence crabgrass, bahiagrass, dallisgrass control in bermudagrass and zoysiagrass	MSMA	MSMA	Contact type herbicide that usually requires a follow-up application within 10 days.
Early postemergence crabgrass control in St. Augustinegrass	dithiopyr	Sta-Green Crab-ex, Hi-Yield Dimension, Greenlight Crabgrass Preventer 2 – products with dithiopyr	Effective when applied before crabgrass tillers or up to 2 - 3 weeks after germination. Apply February to late March.

Summer Grasses			
Postemergence control of annual grasses, bahiagrass, bermudagrass and dallisgrass in centipedegrass.	sethoxydim	Vantage	Reapplication may be necessary. Will not control annual bluegrass or torpedograss. Use only in centipedegrass.
Non-selective spot treatment of dallisgrass in St. Augustinegrass	glyphosate	Roundup, Hi-Yield, Eraser, Greenlight Complete, Eliminator etc. - all 41% glyphosate products	No other dallisgrass control option for homeowners with St. Augustinegrass. Spot treatment of dallisgrass clumps. All contacted St. Augustinegrass will be killed. Consider wiping treatments for more precise applications.
Non-selective spot treatment of torpedograss in centipedegrass	glyphosate	Roundup, Hi-Yield, Eraser, Greenlight Complete, Eliminator etc. - all 41% glyphosate products	No other torpedograss control option for homeowners with centipedegrass. Spot application to torpedograss. All contacted centipedegrass will be killed. Consider wiping treatments for more precise applications.
Broadleaves			
Postemergence dollarweed and dichondra control in all southern lawns	2,4-D + mecoprop + dicamba + carfentrazone	Ferti-lome Weedfree Zone	Reapplication may be necessary within 2 weeks. Observe temperature precautions concerning St. Augustinegrass and centipedegrass.
Postemergence dollarweed and dichondra control in centipedegrass, St. Augustinegrass, and zoysiagrass	atrazine	Southern Ag, Hi-Yield or Scott's Weed & Feed and various brands	Use either liquid atrazine or weed & feed containing atrazine. Reapplication may be necessary. Observe all label precautions. Do not apply to actively growing bermudagrass.
Postemergence control of lespedeza, clover, spurge, wild strawberry in all southern lawns.	2,4-D + mecoprop + dicamba or 2,4-D + mecoprop + dicamba + carfentrazone	Bayer Advanced Southern Broadleaf Weed Killer, Ortho Weed B Gon, SpectricideWeed Stop 2, or Ferti-lome Weedfree Zone	Observe temperature precautions concerning St. Augustinegrass and centipedegrass. Reapplication may be necessary in 2 to 4 weeks.
Postemergence suppression of Virginia buttonweed in all southern lawns.	Metsulfuron	Manor	Metsulfuron provides good control with less turf injury than 2,4-D containing products. Professional product that may not be readily available. Consider internet sources.
Postemergence suppression of Virginia buttonweed in all southern lawns.	2,4-D + mecoprop + dicamba + carfentrazone	Ferti-lome Weedfree Zone	Reapplication may be necessary within 2 -3 weeks. Observe temperature precautions.
Sedges			
Postemergence control of purple and yellow nutsedge in all southern lawns.	halosulfuron; imazaquin	Manage; Image	Effective herbicides for nutsedge control. Safe on lawns when applied as directed.

The following tables are herbicide rates for the herbicides mentioned previously. Please refer to product labels for specific weed spectrums, applicator settings, techniques, and precautions.

Herbicide	Herbicide Rates for the Most Common Lawn Species in Louisiana			
	<i>Bermudagrass</i>	<i>Centipedegrass</i>	<i>St. Augustinegrass</i>	<i>Zoysiagrass</i>
Preemergence				
Atrazine	1.5 oz/gallon/1000 ft ² (dormant bermuda)	1.5 oz/gallon/1000 ft ²	1.5 oz/gallon/1000 ft ²	1.5 oz/gallon/1000 ft ²
Greenlight Crabgrass Preventer	2.8 lb/1000 ft ²	2.8 lb/1000 ft ²	2.8 lb/1000 ft ²	2.8 lb/1000 ft ²
Greenlight Crabgrass Preventer 2	2.4 to 4.6 lb/1000 ft ²	2.4 to 4.6 lb/1000 ft ²	2.4 to 4.6 lb/1000 ft ²	2.4 to 4.6 lb/1000 ft ²
Greenlight Portrait	4.6 to 5.7 lb/1000 ft ²	4.6 to 5.7 lb/1000 ft ²	4.6 to 5.7 lb/1000 ft ²	4.6 to 5.7 lb/1000 ft ²
Hi-Yield Dimension	4.0 lb/1000 ft ²	4.0 lb/1000 ft ²	4.0 lb/1000 ft ²	4.0 lb/1000 ft ²
Scott's Halts	2.0 lb/1000 ft ²	2.0 lb/1000 ft ²	2.0 lb/1000 ft ²	2.0 lb/1000 ft ²

	Herbicide Rates for the Most Common Lawn Species in Louisiana			
Postemergence	<i>Bermudagrass</i>	<i>Centipedegrass</i>	<i>St. Augustinegrass</i>	<i>Zoysiagrass</i>
Atrazine	1.5 oz/gallon/1000 ft ² (dormant bermuda)	1.5 oz/gallon/1000 ft ²	1.5 oz/gallon/1000 ft ²	1.5 oz/gallon/1000 ft ²
Bayer Advanced Southern Broadleaf Weed Killer	2.0 oz/gallon/500 ft ²	1.0 oz/gallon/500 ft ²	1.0 oz/gallon/500 ft ²	2.0 oz/gallon/500 ft ²
Image	3.75 oz/gallon/1000 ft ²	3.75 oz/gallon/1000 ft ²	3.75 oz/gallon/1000 ft ²	3.75 oz/gallon/1000 ft ²
Ortho Weed B Gon	2 oz/gallon/400 ft ²	1 oz/gallon/400 ft ²	1 oz/gallon/400 ft ²	2 oz/gallon/400 ft ²
Ortho Weed B Gon Max	1 oz/gallon/500 ft ²	Do not use	Do not use	1 oz/gallon/500 ft ²
Ferti-lome Weedfree Zone	2 oz/gallon/1000 ft ²	1.5 oz/gallon/1000 ft ²	1.5 oz/gallon/1000 ft ²	1.5 oz/gallon/1000 ft ²
Manor	0.01 oz/gallon/1000 ft ²	0.01 oz/gallon/1000 ft ²	0.01 oz/gallon/1000 ft ²	0.01 oz/gallon/1000 ft ²
Manage	1 packet/gallon/1000 ft ²	1 packet/gallon/1000 ft ²	1 packet/gallon/1000 ft ²	1 packet/gallon/1000 ft ²
MSMA	1 oz/gallon/1000 ft ²	Do not use.	Do not use.	1 oz/gallon/1000 ft ²
Spectracide Weed Stop 2X	2 oz/gallon/1000 ft ²	2 oz/gallon/1000 ft ²	2 oz/gallon/1000 ft ²	4 oz/gallon/1000 ft ²