

Envu Green Solutions Program

St. Augustinegrass Lawn Management Calendar

There are a number of pests that affect St. Augustinegrass and cause problems for lawn care professionals. Weeds create eyesores for homeowners, while insects and diseases weaken lawns as they damage the turf. Envu has effective products and programs for managing these pests and saving your business.

Weeds

Weeds disrupt turf uniformity in St. Augustinegrass lawns, causing callbacks and threatening customer retention. Weed seeds live a long time in soil and germinate when conditions become favorable. Once these seeds germinate and mature, they can quickly become problems in lawns.

Lawn care operators use preemergence and postemergence strategies for managing weeds. An ideal program starts with a long-lasting preemergence herbicide, followed by postemergence herbicides as needed.

- **Specticle® FLO** is an effective, long-lasting preemergence herbicide. Applied prior to weed seed germination, Specticle FLO provides a strong defense against more than 100 difficult weeds.
- **Celsius® WG** is a broad-spectrum selective postemergence herbicide. With two modes of action, Celsius WG can be applied throughout the year to clean up most broadleaf weeds and many grassy weeds.
- **Celsius® XTRA** combines the trusted broadleaf weed control of Celsius WG with sedge control. Celsius XTRA reduces the risk and the need for multiple products on the truck.

Key Weeds	Specticle FLO	Celsius WG	Celsius XTRA
<i>Annual Lespedeza</i>	X	X	X
<i>Annual Sedge & Kyllinga</i>	X		X
<i>Chamberbitter</i>	X	X	X
<i>Crabgrass</i>	X		
<i>Dollarweed</i>		X	X
<i>Doveweed</i>	X	X	X
<i>Florida Pusley</i>	X	X	X
<i>Goosegrass</i>	X		
<i>Globe Sedge</i>			X
<i>Oxalis</i>	X	X	X
<i>Purple Nutsedge</i>			X
<i>Spurge</i>	X	X	X
<i>Virginia Buttonweed</i>		X	X
<i>Yellow Nutsedge</i>			X



Dollarweed



Crabgrass



Yellow Nutsedge

Insects

Chinch bugs and sod webworms are among the most damaging pests on St. Augustinegrass lawns. Programs that include Barricor® SP, Tetrino® and Merit® help control these pests and a host of others. Imported fire ants pose a health risk to humans and pets and create unsightly soil mounds on lawns.

- A program with combinations of **Barricor SP**, **Tetrino** and **Merit** provide season-long control of chinch bugs, sod webworms, white grubs, billbugs and many others.
- A single application of **TopChoice®** provides guaranteed¹ yearlong control of imported fire ants. It also provides short-term control of other pests such as nuisance ants, mole crickets, fleas and ticks.



Chinch bug damage on St. Augustinegrass

Diseases

Diseases are caused by fungi that attack St. Augustinegrass at certain times of the year, especially in saturated conditions. Large patch and take all root rot generally affect turf in spring and fall, while gray leaf spot affects turf in rainy summer months

- **Armada® 50 WDG** is a broad-spectrum fungicide solution with two modes of action to control tough diseases, such as large patch, gray leaf spot and take all root rot. Armada 50 WDG is also proven to promote plant health in times of stress.

St. Augustinegrass Solutions Calendar

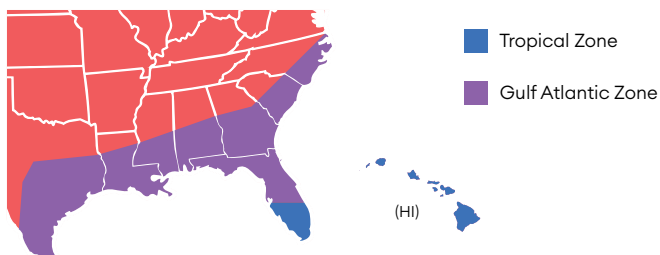
Tropical*

Pest		Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
Weeds	Preemergence		Specticle	Specticle									
	Postemergence				Celsius WG or Celsius XTRA - spot treat as needed						Celsius WG + Simazine		
Insects	Fire Ants	Preferred Timing			TopChoice - 12 Month Application Window						Preferred Timing		
	Chinch bugs, sod webworms				Barricor + Tetrino		Barricor + Merit		Barricor + Tetrino		Barricor		
	White grubs, billbugs												
Diseases	Gray Leaf Spot						Armada						
	Take all root rot			Armada			Armada			Armada			
	Large Patch	Armada									Armada		

Gulf/Atlantic*

Pest		Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
Weeds	Preemergence				Specticle	Specticle							
	Postemergence				Celsius WG or Celsius XTRA - spot treated as needed						Celsius WG + Simazine		
Insects	Fire Ants	Preferred Timing			TopChoice - 12 Month Application Window								
	Chinch Bugs, Sod Webworms				Barricor + Tetrino		Barricor + Merit		Barricor + Tetrino		Barricor		
	White Grubs, Billbugs												
Diseases	Gray Leaf Spot						Armada ²						
	Take All Root Rot ³			Armada			Armada			Armada			
	Large Patch ⁴			Armada						Armada			

*Contact your Envu Area Sales Manager for specific timings, rates and frequencies (us.envu.com/turf-and-ornamentals-management/find-your-envu-rep).



¹The guarantee is limited to the remedy of a retreatment of the treated area. If this product does not perform to your satisfaction, please contact Envu Customer Service at 1-800-331-2867 for product for the retreatment.

²Armada can be applied either preventatively or curatively for each disease.

³Take-All Root Rot can occur during periods of wet and humid conditions, especially in the presence of additional stresses (traffic, herbicide, shade, etc.).

⁴Large patch generally begins in fall and can last through spring if warm wet conditions persist. For preventative control, make first treatment when 2" soil temperatures are 72-75F, with second application 28 days later.