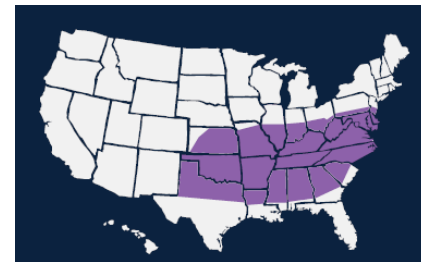


Cool-Season Lawn Calendar

Transition Zone



Lawns enhance the landscape, improve property values, and decrease air temperature. Maintaining lawns with good cultural practices and judicious use of pesticides is imperative to maximize performance and benefits. Envu offers a variety of solutions to control problematic weeds, insects, and diseases that help preserve the benefits turfgrass provides to the places we live, work, and play.



Preemergence Weed Control

- Preemergence herbicides (products including containing proflumicarb, dithiopyr, and pendimethalin) must be in place prior to germination to be effective on targeted weed species. Sequential split-applications improve control over single applications and water-in applications to maximize control and limit off-site movement.
- Crabgrass, prostrate knotweed, or spurge germinate in spring, so preemergence herbicide applications should be timed prior to 4" soil temperatures of approximately 55°F for five days.
- Winter annuals like annual bluegrass, chickweed, and henbit germinate in the fall and preemergence herbicides should be applied late summer/early fall when soil temperatures at 4" decrease to 70°F.

Postemergence Weed Control

- Summer and winter grassy and broadleaf (BDLV) weeds can be controlled by postemergence herbicides and are most effective when plants are small but actively growing.
- Applications of **Terradex™ Crabgrass and Broadleaf**, **Terradex™ Power Premix** or **Acclaim® Accelerate** starting in the spring will provide control of summer BDLV weeds.
- Control of summer grassy weeds can be achieved with applications of **Acclaim Accelerate**, **Acclaim® Extra**, **Terradex Crabgrass and Broadleaf** or **Solitare®** starting mid-spring and through the summer.
- Perennial or winter BDLV weeds are best controlled in late fall and early spring with applications of **Terradex™ Power Premix**.
- Sedges, nutsedges, and kyllingas emerge primarily in spring. Applications of **Dismiss®** or **Dismiss® NXT** are most effective applied shortly after emergence and usually require multiple applications for optimal control.

Insect Control

- White grubs are usually controlled with preventative applications made at the first sign of adult flight in the spring. New formulations like **Durentis™** allow flexible timing of applications well before white grub adults appear and provides lasting control. **Merit®** has been the industry standard for white grub preventative control. Though curative applications are usually inefficient, **Dylox®** is the industry standard and provides quick knockdown of white grubs.
- Applications of **Durentis** should be made in the spring (at first sign of adults) for season-long control of caterpillars including fall armyworms, cutworms, and sod webworms. Certain products can provide quick knockdown of caterpillars like **Talstar®** (no residual) or **Triple Crown®** (some residual control).
- Monitor for adult billbug activity in early spring and time preventative applications of **Tetrino®** or **Merit** for mid-spring (April/May) prior to egg laying.
- Fire ant mounds can be unsightly, and their stinging makes them a human nuisance. **TopChoice®** is the industry standard for season-long control of existing fire ant populations. **TopChoice** is a restricted use product; refer to label for more information.

Disease Control

- Preventative fungicide applications are most effective when combined with proper cultural practices. Limiting leaf wetness durations by avoiding evening watering is crucial to minimizing incidence and severity of most diseases. Apply fungicides prior to disease development for optimal control.
- Fairy ring develops in the spring and preventative applications of **Armada®** or **Fame®** should be made when soil temperatures at a 2" depth reach 55-65°F. Include a wetting agent and water in fungicides to maximize control.
- Brown patch can develop when night temperatures exceed 60°F during hot/humid weather and. Preventative fungicide applications of **Armada** or **Fame** should be initiated when night temperatures consistently exceed 60°F in late spring/early summer.
- Gray leaf spot is most active when temperatures are between 82-90°F. High relative humidity is also required for infection. Areas in the lawn that hold dew longer (such as shade) will likely be impacted first. Preventative fungicide applications of **Armada** should be initiated when night temperatures consistently exceed 75°F in mid-summer.

Mosquito Control

- Mosquito control can be accomplished in early spring with larvicides (**methoprene**, **pyriproxyfen**) applied to standing water or adulticides, like **Scion®** or **Talstar**, applied as barrier treatments late spring through the fall.

Cool-Season Lawn Calendar

Transition Zone



Cool-Season: Transition Zone		MAR			APR			MAY			JUN			JUL			AUG			SEP			OCT			NOV		
Lawn Care Schedule	Round 1																											
	Round 2																											
	Round 3																											
	Round 4																											
	Round 5																											
	Round 6																											
	Round 7																											
Preemergence Weeds	Summer Grassy/BDLV	Split-apps 50% rate 6 weeks apart Prodiamine, Dithiopyr or Pendimethalin																										
	Winter Grassy/BDLV															Prodiamine, Dithiopyr or Pendimethalin												
Postemergence Weeds	Summer BDLV											Terradex™ Crabgrass and Broadleaf, Terradex™ Power Premix, Terradex™ Quickstrike or Acclaim® Accelerate																
	Summer grassy											Acclaim Accelerate, Acclaim® Extra, Terradex Crabgrass and Broadleaf or Solitare®																
	Perennials/Winter BDLV	Terradex Power Premix																	Terradex Power Premix									
	Sedges											Dismiss® or Dismiss® NXT																
Preventative Insects	White grubs/Caterpillars	Durentis™ or Merit®																										
	Billbugs	Tetrino® or Merit																										
Curative Insects	White grubs																					Dylox®						
	Caterpillars											Triple Crown® or Talstar®																
	Fire Ants											TopChoice®																
Diseases	Fairy Ring/Brown Patch	Armada® or Fame®																										
	Gray Leaf Spot											Armada																
Mosquitoes	Sprays	Larvicides (methoprene or pyriproxyfen)					Adulticides (Scion® or Talstar)																					

Need more info? –Read and follow all label directions. Contact your Envu Area Sales Manager if you need assistance for specific recommendations for your situation

ALWAYS READ AND FOLLOW LABEL INSTRUCTIONS

Environmental Science U.S. Inc., 5000 CentreGreen Way, Suite 400, Cary, NC 27513. For additional product information, call toll-free 1-800-331-2867. www.envu.com. Please verify state registration of these products in your state before selling, using or distributing. Not all products are registered in all states. Envu and the Envu logo are trademarks owned by Environmental Science U.S. LLC Inc. or one of its affiliates. All other trademarks are the property of their respective owners ©2025 Environmental Science U.S. LLC Inc.