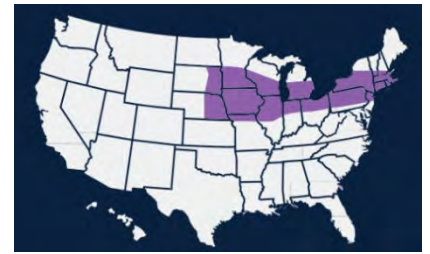


Cool-Season Lawn Calendar

Northern Zone



Lawns enhance the landscape, improve property values, and decrease air temperature. Maintaining lawns with good cultural practices and judicious use of pesticides makes sense 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 (proflam, dithiopyr or 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.

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 **Acclaim® Accelerate, Terradex™ Crabgrass and Broadleaf, or Terradex™ Power Premix** starting in the spring will provide control of summer BDLV weeds.
- Control of summer grassy weeds can be achieved with applications of **Acclaim Accelerate** or **Acclaim® Extra**, or **Solitaire®** starting mid-spring and through the summer.
- Perennial or winter annual BDLV weeds are best controlled in late fall or spring with applications of **Terradex™ Quickstrike** or **Terradex Power Premix**.
- Nutsedge 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) and also curative control of chinch bugs.
- 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.

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.
- Brown patch occurs during hot/humid weather and can begin to develop when night temperatures exceed 60°F. Symptoms include circular patches that are brown, tan, or yellow and can coalesce to affect large areas. 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 can develop between 70 and 95°F but requires at least 14 hours of continual leaf wetness for infection. Symptoms initially appear as tan color spots on the leaves with a dark brown border. Gray and fuzzy spores may be visible under extreme conditions, which will result in leaf tip dieback. Applications of **Armada** or **Fame** should be initiated in mid-June/early-July for most locations.

Mosquito Control

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

Cool-Season Lawn Calendar

Northern Zone



Cool-Season: Northern Zone		APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV
Lawn Care Schedule	Round 1								
	Round 2								
	Round 3								
	Round 4								
	Round 5								
	Round 6								
Preemergence Weeds	Summer Grassy/BDLV	Prodiamine, Dithiopyr or Pendimethalin							
Postemergence Weeds	Summer BDLV	Acclaim® Accelerate, Terradex™ Crabgrass and Broadleaf or Terradex™ Power Premix							
	Summer grassy	Acclaim Accelerate, Acclaim® Extra or Solitaire®							
	Perennials/Winter BDLV	Terradex Power Premix or Terradex™ Quickstrike						Terradex Power Premix or Terradex Quickstrike	
	Sedges					Dismiss® or Dismiss® NXT			
Preventative Insects	White grubs/Caterpillars	Durentis™ or Merit®							
	Billbugs	Tetrino® or Merit							
Curative Insects	White grubs						Dylox®		
	Caterpillars/Chinch Bugs			Triple Crown® or Talstar®					
Diseases	Brown Patch/Gray Leaf Spot		Armada® or Fame®						
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

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