











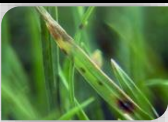















Plant Pathology Fact Sheet





PPFS-OR-T-07

# Kentucky Turfgrass Disease Calendar

Paul Vincelli, *Extension Plant Pathologist*

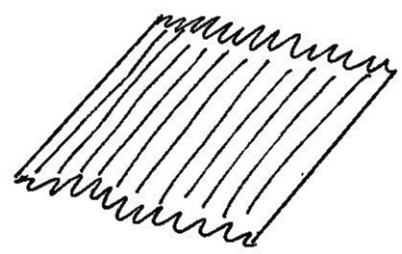
		Commonly Affected Grasses	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
	<b>Anthracnose</b>	Creeping bentgrass Poa annua												
	<b>Brown patch</b>	Creeping bentgrass Perennial ryegrass Tall fescue												
	<b>Dollar spot (cool season grasses)</b>	Creeping bentgrass Perennial ryegrass Poa annua Tall fescue												
	<b>Dollar spot (warm season grasses)</b>	Bermudagrass												
	<b>Fairy ring (not infectious)</b>	All turfgrasses												
	<b>Gray leaf spot</b>	Perennial ryegrass												
	<b>Leaf spot/ Melting out</b>	KY bluegrass Perennial ryegrass												

		<b>Commonly Affected Grasses</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Aug</b>	<b>Sept</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>
	<b>Localized dry spot</b> (not infectious)	All turfgrasses							▶					
	<b>Necrotic ring spot</b>	KY bluegrass				▶		▶		▶				
	<b>Powdery mildew</b>	KY bluegrass				▶					▶			
	<b>Pythium blight</b>	Creeping bentgrass Perennial ryegrass Tall fescue						▶						
	<b>Red thread</b>	KY bluegrass Perennial ryegrass Tall fescue		▶			▶					▶		
	<b>Rhizoctonia large patch</b>	Bermudagrass Zoysia				▶					▶			
	<b>Rust</b>	KY bluegrass Perennial ryegrass Tall fescue						▶		▶				
	<b>Slime mold</b>	All turfgrasses					▶		▶					
	<b>Spring dead spot</b>	Bermudagrass				▶								
	<b>Stripe/flag smut</b>	KY bluegrass				▶					▶			

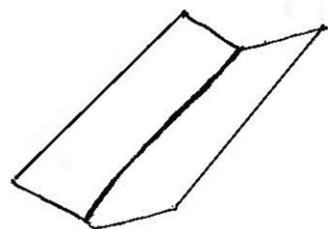
		Commonly Affected Grasses	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
	<b>Summer patch</b>	KY bluegrass Poa annua												
	<b>Take-all patch</b>	Creeping bentgrass												

 Indicates light to moderate disease pressure       Indicates moderate to severe disease pressure

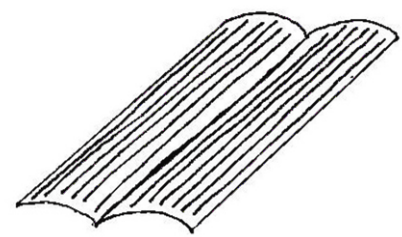
### HOW TO DIFFERENTIATE COMMON TURFGRASSES BY THEIR LEAF CHARACTERISTICS




**TALL FESCUE**  
 Leaf blade = flat  
 Leaf tip = pointed



**KENTUCKY BLUEGRASS**  
 Leaf blade = V-shaped  
 Leaf tip = canoe-shaped



**PERENNIAL RYEGRASS**  
 Leaf blade =   
 Leaf tip = pointed

### RESOURCES

- Plant Pathology Extension Publications – Turfgrass --- <https://plantpathology.ca.uky.edu/extension/publications#TURFGRASS>
- Chemical Control of turfgrass Diseases (PPA-1) --- <http://www2.ca.uky.edu/agcomm/pubs/ppa/ppa1/ppa1.pdf>
- Disease Management in the Home Lawn (PPFS-OR-T-11) --- <https://plantpathology.ca.uky.edu/files/ppfs-or-t-11.pdf>

*May 2019*

**Editor:** Cheryl Kaiser, Extension Support  
**Photos:** Paul Bachi, University of Kentucky (Anthracnose), Paul Vincelli, University of Kentucky (Brown patch, Necrotic ring spot, Pythium blight, Red thread, Rhizoctonia large patch, Rust, Spring dead spot, Stripe smut, Summer patch, Take-all patch, and Turfgrass leaf sketch), Florida Division of Plant Industry, Florida Department of Agriculture and Consumer Services, Bugwood.org (Dollar spot - warm season grasses), Barb Corwin, Turfgrass Diagnostics, Bugwood.org (dollar spot - cool season grasses), Clemson University - USDA Cooperative Extension Slide Series, Bugwood.org (Fairy ring), Ned Tisserat, Bugwood.org (Gray leaf spot), A.J. Powell, University of Kentucky (Localized dry spot), and Unknown source (Leaf spot/melting out, Powdery mildew, and Slime mold).