

Disease Chart for Turf Varieties

ANTHRACNOSE	BROWN PATCH	BROWN RING PATCH (WAITEA PATCH)	DOLLAR SPOT	FAIRY RING	GREY LEAF SPOT	LARGE PATCH
Cool & Warm Season	Cool Season	Cool & Warm Season	Cool & Warm Season	Cool & Warm Season	Cool & Warm Season	Warm Season
Creeping Bentgrass Poa Annua	Most species of cool season turfgrass	Creeping Bentgrass Poa Annua	Most species of warm & cool season turfgrass	Most species of warm & cool season turfgrass	Bermudagrass Kikuyu Perennial Ryegrass Tall Fescue	Bermudagrass Kikuyu Paspalum Zoysiagrass
LEAF, STEM, STRIPE RUST	MICRODOCHIUM PATCH	POWDERY MILDEW	PYTHIUM BLIGHT	PYTHIUM ROOT ROT (ROOT DYSFUNCTION)	RED THREAD	RHIZOCTONIA ZEA (RHIZOCTONIA LEAF & SHEATH SPOT)
Cool & Warm Season	Cool Season	Cool & Warm Season	Cool & Warm Season	Cool & Warm Season	Cool & Warm Season	Cool & Warm Season
Bentgrass Kentucky Bluegrass Perennial Ryegrass Tall Fescue Zoysiagrass	Most species of cool season turf	Bermudagrass Fine-Leaf Fescue Kentucky Bluegrass Perennial Ryegrass	Most species of warm & cool season turfgrass	Annual Bluegrass & Creeping Bentgrass most susceptible. Bermudagrass and Seashore Paspalum can also be affected.	Bermudagrass Creeping Bentgrass Fine-Leaf Fescue Kentucky Bluegrass Perennial Ryegrass Poa Annua	Most species of warm & cool season turfgrass
SPRING DEAD SPOT	SUMMER PATCH	LEAF SPOT/ MELTING OUT	TAKE-ALL PATCH	TAKE-ALL ROOT ROT (BERMUDA GRASS DECLINE)		
Warm Season	Cool Season	Cool & Warm Season	Cool & Warm Season	Warm Season		
Ultra-Dwarf Bermuda Bermudagrass Buffalograss Kikuyu Zoysiagrass	Fine-Leaf Fescue Kentucky Bluegrass Poa Annua	Creeping Red Fescue Kentucky Bluegrass Perennial Ryegrass Poa Annua Tall Fescue Some varieties of Bermudagrass	Colonial Bentgrass Creeping Bentgrass	Bermudagrass Ultra-Dwarf Bermuda		

COOL SEASON	WARM SEASON
BENT GRASS	BEREA (LM)
FESCUES	BERMUDA
KENTUCKY BLUEGRASS	BUFFALOGRASS
POA ANNUA (ANNUAL BLUEGRASS)	KIKUYU
RYE	PASPALUM
TALL FESCUE	ULTRA-DWARF BERMUDA
	ZOYSIA

KEY APPLICATION TIPS

ENSURE WATER PH IS 6,5 BEFORE ADDING PRODUCT:

- ✓ SOIL BORNE DISEASES (WATER IN IMMEDIATELY) – Example: Fairy Ring, Pythium root rot, Summer Patch, Take-all Patch
- ✓ FOLIAR DISEASES (LEAVE ON THE LEAF FOR AT LEAST 3 HOURS) – Example: Brown Patch, Dollar Spot, Pythium Blight, Microdochium Patch
- ✓ CROWN AND LEAF SHEATH DISEASES (NOT TO WATER IN) – Example: Brown Ring Patch and Large Patch
- ✓ Products NOT TO WATER IN – Daconil Weatherstik (multi-site product to reduce the risk of resistance), Instrata, Subdue Maxx, Primo Maxx, Ryder
- ✓ Products to WATER IN IMMEDIATELY – Qualibra; Subdue Maxx should ONLY be watered in if applied for Pythium root rot
- ✓ COMPATIBILITY – Qualibra is compatible with Karate, Meridian, Heritage/Heritage Maxx, Subdue Maxx
- ✓ POA MANAGEMENT – Tank mix Primo Maxx & Cultar (Don't apply Cultar within 14 days of Banner Maxx or Headway Maxx)
- ✓ WEED CONTROL:
 - Fence/paving kill off – 3 litres/ha Fusilade Forte & follow up 21 days later – slow kill, but long-term kill.
 - Add 2 litres/ha Pennant Magnum as a pre-emergent for grass and weeds. (Pennant Magnum – must be applied to moist soil & water in within 24 hours.)
- ✓ NB TO DO FOLLOW UP APPLICATIONS FOR

