

ANTHRACNOSE	BERMUDA GRASS DECLINE	BROWN PATCH	DOLLAR SPOT	FADING OUT	FAIRY RING	GREY LEAF SPOT	LARGE PATCH
Cool Season	Warm Season	Cool & Warm Season	Cool & Warm Season	Cool Season	Cool & Warm Season	Cool & Warm Season	Warm Season
Creeping Bentgrass Poa annua	Bermuda grass	Ultra-Dwarf Bermuda all species of warm & cool season turfgrass	All species of warm & cool season turfgrass. Not a major disease on Ultra-Dwarf Bermuda	Creeping Bentgrass Fine-leaf Fescue Kentucky Bluegrass Poa annua Poa Trivialis	All species of warm & cool season turfgrass	Kikuyu Perennial Ryegrass Tall Fescue Bermuda grass	Bermuda grass Berea Buffalo Kikuyu Paspalum
LEAF, STEM, STRIPE RUST	MICRODOCHIUM PATCH	NECROTIC RING SPOT	POWDERY MILDEW	PYTHIUM BLIGHT	PYTHIUM ROOT ROT	RED THREAD	RHIZOCTONIA LEAF & SHEATH SPOT
Cool & Warm Season	Cool Season	Cool & Warm Season	Cool & Warm Season	Cool & Warm Season	Cool & Warm Season	Cool & Warm Season	Cool & Warm Season
Bermuda grass Fine Fescue Kentucky Bluegrass Bluegrass Old Bentgrass Cultivars Poa annua Ryegrass	Most species of cool season turf	Fine-Leaf Fescue Kentucky Bluegrass Poa annua Rough Bluegrass	Bentgrass Bermuda grass Fine-Leaf Fescue Kentucky Bluegrass Ryegrass	All turf species Bentgrass Bermuda grass Paspalum Perennial Ryegrass Poa annua Tall Fescue Ultra-Dwarf Bermuda	Bentgrass Bermuda grass Paspalum Poa annua Ultra-Dwarf Bermuda	Bermuda grass Creeping Bentgrass Fine-Leaf Fescue Kentucky Bluegrass Perennial Ryegrass Poa annua	All species of warm & cool season turfgrass
SPRING DEAD SPOT	SUMMER PATCH	LEAF SPOT/ MELTING OUT	TAKE ALL PATCH	WAITEA PATCH			
Warm Season	Cool Season	Cool & Warm Season	Cool & Warm Season	Cool & Warm Season			
Ultra-Dwarf Bermuda Bermuda grass Buffalograss Kikuyu	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 Ultra-Dwarf Bermuda Velvet Bentgrass	Creeping Bentgrass Paspalum Poa annua Rough Bluegrass 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

**APPLICATION TIPS - ENSURE WATER PH IS 6,5 BEFORE ADDING PRODUCT:**

**COMPATIBLE PRODUCTS:**

- FOLIAR absorbed – 3+hours on leaf for best results
- Instrata
- Primo Maxx
- Daconil WS (45 mins - 1 hour)
- Banner
- Headway Maxx

**TANK MIX: (Water in 6 - 10mins)**

**Qualibra with:**

- 10-40kg/ha Calcium Nitrate

**OR Qualibra compatible with:**

- Karate
- Meridian
- Heritage Maxx
- Subdue Maxx

**POA MANAGEMENT:**

- Can tank mix Primo Maxx & Cultar
- Don't apply Cultar within 14 days of Banner or Headway Maxx

**WEED CONTROL:**

- Fence/paving kill off – 3 litres/ha
- Fusilade Forte – May need follow up 21 days later – slow, but long-term kill
- Add 2 litres/ha Pennant Magnum as a pre-emergent for grass and weeds

**LANDSCAPE AREAS:**

- Safe to spray Fusilade/Pennant mix over dicots (flower beds) – great tool! No more hand weeding!

SYNGENTA APPLICATION TIMING CHART

DISEASE	TIMING	FAVOURING TEMPERATURE	BANNER	DACONIL WS	HERITAGE	HERITAGE MAXX	HEADWAY MAXX	INSTRATA	SUBDUE MAXX	QUALIBRA	MERIDIAN	PENNANT MAGNUM	PRIMO MAXX
Active ingredient			Propiconazole	Chlorothalonil	Azoxystrobin	Azoxystrobin	Azoxystrobin, pyrimidin-4-yloxy, Propiconazole	Chlorothalonil, Propiconazole, Fludioxonil	Mefenoxam	–	Thiamethoxam	S-metolachlor	Triexapacetyl
Anthracnose	Dec - Feb	25 °C and more											
Brown Patch	Sept - April	30 °C and more during day time. 15°C and more at night											
Bermuda Grass Decline	Late summer to early winter following periods of overcast, warm-wet weather.												
Crabgrass	Oct	13°C											
Dew Removal	May - Aug	1/4 - 1/2 rates & LDS											
Dollar Spot	Sept - April	15 °C - 30 °C (high humidity)											
Dry Spots	Sept - April	Localised Dry Spots											
Fading Out	Dec - Feb	25°C - 35°C											
Fairy Ring	May - Aug	When soil reaches 12-15°C											
Goosegrass	Nov - Dec	16°C											
Grey Leaf Spot	Aug -April	26°C - 32°C											
Large Patch	Aug - April	High Humidity											
Leaf/ Stem/ Stripe Rust	Aug - April	18°C - 30°C											
Leaf Spot / Melting Out	Aug - Oct	4°C - 26°C											
Microdochium Patch	Jun - Aug	1° - 15 °C											
Mole Cricket	Sept/Oct/Dec/Jan	Apply Meridian after first rain / follow up 60 Days later.											
Necrotic Ring Spot	Nov - Feb	Thrives up to 27°C											
Plant Growth Regulator	Jan - Dec	Above 5°C soil temperature											
Poa Annuua	March, April	Treat in Autumn											
Powdery Mildew	Aug - Oct	15°C - 22°C											
Pythium Leaf Blight	Nov - April	20°C and more											
Pythium Root Rot	May - July	0°C - 10°C											
Red Thread	Jan - Dec	4°C - 29°C											
Rhizoctonia leaf and Sheath spot	Dec - Feb	28°C - 36°C											
Seedling Damping Off	After seeding	20°C and more											
Spring Dead Spot	March, April	Treat in autumn											
Summer Patch	Nov - Jan	Soil at 18°C and air temp 29°C -day time & 21°C -at night											
Take all Patch	May - Sept	When soil reaches 4°C - 15°C											
Waitea Patch	Sept - April	25°C - 30°C											
White Grub	Sept/Oct/Dec/Jan	Apply Meridian after first rain / follow up 60 Days later.											
RATES/HA			2 lt/ha	3.5-5.2 lt/ha	560-1120 g/ha	3-5 lt/ha	2-3 lt/ha	9 lt/ha	1.7-3.5 lt	10 lt	1 kg	1.3 lt/ha	150 ml-3 lt