

CIVITAS TURF DEFENSE™ TANK MIX RECOMMENDATIONS

ANTHRACNOSE

| Preventative / Curative | Product / Tank Mix ** | Rate, oz. per 1000 sq. ft. | Frequency (days) |
|-------------------------|---|----------------------------|------------------|
| | CIVITAS TURF DEFENSE™ PRE-MIXED | 8.5 to 17 | 7 – 14 |
| | CIVITAS TURF DEFENSE PRE-MIXED Propiconazole (14.3% ai) Chlorothalonil (82.5% ai) | 8.5 to 17 1.0 2.75 | 14 |
| | CIVITAS TURF DEFENSE PRE-MIXED Trifloxystrobin (50% ai) | 8.5 to 17 0.15 | 14 |
| | CIVITAS TURF DEFENSE PRE-MIXED Metconazole (50% ai) | 8.5 to 17 0.28 | 14 |
| | CIVITAS TURF DEFENSE PRE-MIXED Tebuconazole (38.7% ai) | 8.5 to 17 0.6 | 14 21 |
| | CIVITAS TURF DEFENSE PRE-MIXED Polyoxin D Zinc salt (2.5% ai) | 8.5 to 17 4.0 | 14 |
| | CIVITAS TURF DEFENSE PRE-MIXED Fosetyl-AI (80% ai) | 8.5 to 17 4.0 | 14 |

**Note: Research suggests program approach to anthracnose control including rotation of tank mix partners.

BROWN PATCH

| Preventative | Product | Rate, oz. per 1000 sq. ft. | Frequency (days) |
|--------------|--------------------------------|----------------------------|------------------|
| | CIVITAS TURF DEFENSE PRE-MIXED | 8.5 to 17 | 14 |

| Preventative / Curative | Tank Mix | Rate, oz. per 1000 sq. ft. | Frequency (days) |
|-------------------------|---|----------------------------|------------------|
| | CIVITAS TURF DEFENSE PRE-MIXED Fludioxonil (50% ai) | 8.5 to 17 0.5 | 14 |
| | CIVITAS TURF DEFENSE PRE-MIXED Propiconazole (14.3% ai) Chlorothalonil (82.5% ai) | 8.5 to 17 1.0 1.8 | 14 |
| | CIVITAS TURF DEFENSE PRE-MIXED Flutolanil (70% ai) | 8.5 to 17 1.5 | 14 |
| | CIVITAS TURF DEFENSE PRE-MIXED Metconazole (50% ai) | 8.5 to 17 0.28 | 14 |
| | CIVITAS TURF DEFENSE PRE-MIXED Propiconazole (14.3% ai) | 8.5 to 17 1.0 | 14 – 21 |
| | CIVITAS TURF DEFENSE PRE-MIXED Azoxytrobin (50% ai) | 8.5 to 17 0.2 | 14 |
| | CIVITAS TURF DEFENSE PRE-MIXED Iprodione (23.3% ai) | 8.5 to 17 3.0 | 14 |

DOLLAR SPOT

| Preventative | Product | Rate, oz. per 1000 sq. ft. | Frequency (days) |
|--------------|--------------------------------|----------------------------|------------------|
| | CIVITAS TURF DEFENSE PRE-MIXED | 8.5 to 17 | 14 |

| Preventative / Curative | Tank Mix | Rate, oz. per 1000 sq. ft. | Frequency (days) |
|-------------------------|---|----------------------------|------------------|
| | CIVITAS TURF DEFENSE PRE-MIXED Propiconazole (14.3% ai) | 8.5 to 17 1.0 | 14 – 21 |
| | CIVITAS TURF DEFENSE PRE-MIXED Propiconazole (14.3% ai) Chlorothalonil (82.5% ai) | 8.5 to 17 1.0 1.8 | 7 – 14 |

| Preventative | Product | Rate, oz. per 1000 sq. ft. | Frequency (days) |
|--------------|--|----------------------------|------------------|
| | CIVITAS TURF DEFENSE PRE-MIXED Tebuconazole (38.7% ai) | 8.5 to 17 0.6 | 14 21 |
| | CIVITAS TURF DEFENSE PRE-MIXED Metconazole (50% ai) | 8.5 to 17 0.18 | 14 |
| | CIVITAS TURF DEFENSE PRE-MIXED Boscalid (70.0% ai) | 8.5 to 17 0.13 | 14 – 21 |
| | CIVITAS TURF DEFENSE PRE-MIXED Vinclozolin (50.0% ai) | 8.5 to 17 1.0 | 14 – 21 |
| | CIVITAS TURF DEFENSE PRE-MIXED Iprodione (23.3% ai) | 8.5 to 17 3.0 | 14 |

FUSARIUM PATCH

| Preventative | Product | Rate, oz. per 1000 sq. ft. | Frequency (days) |
|--------------|--------------------------------|----------------------------|------------------|
| | CIVITAS TURF DEFENSE PRE-MIXED | 17 | 14 – 21 |

| Preventative / Curative | Tank Mix | Rate, oz. per 1000 sq. ft. | Frequency (days) |
|-------------------------|---|----------------------------|------------------|
| | CIVITAS TURF DEFENSE PRE-MIXED Propiconazole (14.3% ai) | 17 2.0 | 14 |
| | Chlorothalonil (82.5% ai) | 5.0 | 21 – 28 |
| | CIVITAS TURF DEFENSE PRE-MIXED Propiconazole (14.3% ai) | 17 2.0 | 14 – 21 |

CROWN RUST

| Preventative / Curative | Product / Tank Mix | Rate, oz. per 1000 sq. ft. | Frequency (days) |
|-------------------------|---|----------------------------|------------------|
| | CIVITAS TURF DEFENSE PRE-MIXED | 17 | 14 |
| | CIVITAS TURF DEFENSE PRE-MIXED Azoxystrobin (8.8% ai) | 17 1.0 | 21 |
| | CIVITAS TURF DEFENSE PRE-MIXED Propiconazole (14.3% ai) | 17 1.0 | 21 |

GRAY LEAF SPOT

| Preventative / Curative | Tank Mix | Rate, oz. per 1000 sq. ft. | Frequency (days) |
|-------------------------|--|----------------------------|------------------|
| | CIVITAS TURF DEFENSE PRE-MIXED Thiophanate-Methyl (50% ai) | 8.5 4.0 | 14 |
| | CIVITAS TURF DEFENSE PRE-MIXED Chlorothalonil (82.5% ai) | 8.5 to 17 1.8 | 14 7 – 10 |
| | CIVITAS TURF DEFENSE PRE-MIXED Azoxystrobin (8.8% ai) | 8.5 to 17 1.0 | 14 |
| | CIVITAS TURF DEFENSE PRE-MIXED Pyraclostrobin (20% ai) | 8.5 to 17 0.5 | 14 |
| | CIVITAS TURF DEFENSE PRE-MIXED Mancozeb (80% ai) | 8.5 to 17 8.0 | 14 |

LEAF SPOT / MELTING-OUT

| Preventative / Curative | Product / Tank Mix | Rate, oz. per 1000 sq. ft. | Frequency (days) |
|-------------------------|--|----------------------------|------------------|
| | CIVITAS TURF DEFENSE PRE-MIXED | 8.5 to 17 | 14 |
| | CIVITAS TURF DEFENSE PRE-MIXED Chlorothalonil (82.5% ai) | 8.5 1.8 | 14 |

LARGE PATCH OF ZOYSIA

| Preventative / Curative | Tank Mix | Rate, oz. per 1000 sq. ft. | Frequency (days) |
|-------------------------|--|---|--|
| | CIVITAS TURF DEFENSE PRE-MIXED Tebuconazole*** (38.7% ai) | 17 0.6 | 2 applications in early Fall (Sep, Oct). It is critical to apply before the plant has become dormant |
| | CIVITAS TURF DEFENSE PRE-MIXED Azoxystrobin (50% ai) | 17 0.4 | 2 applications in early Fall (Sep, Oct). It is critical to apply before the plant has become dormant |
| | CIVITAS TURF DEFENSE PRE-MIXED Triadimefon (43% ai) Tebuconazole (38.7% ai) | Early and Late 17 Early 1.0 Late 0.6 | 2 applications in early Fall (Sep, Oct). It is critical to apply before the plant has become dormant |
| | CIVITAS TURF DEFENSE PRE-MIXED Triadimefon (43% ai) Flutolanil (70% ai) | Early and Late 17 Early 1.0 Late 2.2 | 2 applications in early Fall (Sep, Oct). It is critical to apply before the plant has become dormant |

***Note: Do not apply Tebuconazole in 2 consecutive applications.

SNOW MOLD

| Preventative | Product | Rate, oz. per 1000 sq. ft. | Frequency (days) |
|--------------|--|---|---|
| | CIVITAS TURF DEFENSE PRE-MIXED Chlorothalonil (29.2% ai) Fludioxonil (1.2% ai) Propiconazole (4.74% ai) | Early and Late 17 Late 5.5-9.4 | 2 applications spaced 14 – 21 days apart Apply with final application of CIVITAS TURF DEFENSE |
| | CIVITAS TURF DEFENSE PRE-MIXED Tebuconazole (38.7% ai) Iprodione (23.3% ai) | Early and Late 17 Early 0.6 Late 4.0 | 2 applications spaced 14 – 21 days apart Apply with final application of CIVITAS TURF DEFENSE |
| | CIVITAS TURF DEFENSE PRE-MIXED Tebuconazole (38.7% ai) | Early and Late 17 Late 0.6 | 2 applications spaced 14 – 21 days apart Apply with final application of CIVITAS TURF DEFENSE |

| Preventative | Product | Rate, oz. per 1000 sq. ft. | Frequency (days) |
|--------------|---|---|---|
| | CIVITAS TURF DEFENSE PRE-MIXED Propiconazole (14.3% a.i) Chlorothalonil (82.5% a.i) | Early and Late 17 Early 2.0 Late 5.0 | 2 applications spaced 14 – 21 days apart Apply with final application of CIVITAS TURF DEFENSE |

SOUTHERN BLIGHT

| Preventative / Curative | Product / Tank Mix | Rate, oz. per 1000 sq. ft. | Frequency (days) |
|-------------------------|---|----------------------------|------------------|
| | CIVITAS TURF DEFENSE PRE-MIXED | 17 | 14 |
| | CIVITAS TURF DEFENSE PRE-MIXED Flutolanil (70% ai) | 17 1.5 | 14 21 |

SPRING DEAD SPOT

| Preventative / Curative | Tank Mix | Rate, oz. per 1000 sq. ft. | Frequency (days) |
|-------------------------|--|----------------------------|--|
| | CIVITAS TURF DEFENSE PRE-MIXED | 17 | 2 applications in early Fall (Sep, Oct). |
| | CIVITAS TURF DEFENSE PRE-MIXED Fenarimol** (11.6% ai) | 4.0 | 2 applications in early Fall (Sep, Oct), 14-30 days apart |

**Note: Following application of Fenarimol, turfgrass should be irrigated with 0.5 inches of water.

