

NOTE: THE FOLLOWING INFORMATION IS OFFERED AS A GUIDE FOR PROSPECTIVE CHALLENGES TO MANAGING SEASHORE PASPALUM. ALL TURFGRASSES ARE SUBJECTED TO INSECT, DISEASE, AND WEED PRESSURES. PROPER MANAGEMENT IS THE KEY TO SUCCESS. YOU MUST CHECK ALL LABELS OF THE PESTICIDES TO BE USED ON THIS GRASS FOR LEGAL AND PROPER USE. MENTION OF A PARTICULAR PRODUCT IS NOT AN ENDORSEMENT OF THAT PRODUCT BUT REFLECTS WHAT IS KNOWN AT THE PRESENT TIME. ENVIRONMENTAL INTERACTIONS, INCLUDING SALINITY THAT IMPACT SPECIFIC SITES, MAY GIVE VARIABLE RESULTS IN THE USE OF SOME PRODUCTS.

Leptosphaeria spring dead spot=Leptosphaerulina leaf blight=NECROTIC RING SPOT

(Leptosphaeria korrae, Leptosphaeria narmari, Leptosphaerulina australis, or Leptosphaerulina trifolii)

Predominately a saprophyte, but can cause root borne disease symptoms on warm season grasses. Can be associated with *Ophiosphaerella herpotricha* and *Gaeumannomyces graminis* var. *graminis*.

Temperature ranges 50-68°F (10-20°C) for *L. narmari*; optimum 77°F (25°C) (range 68-82°F or 20-28°C) for *L. korrae*. Growth cessation below 50°F or above 86°F. Pathogens are ectotrophic, runner hyphae and attack primarily the roots, stolons, crowns, and rhizomes of grasses, with infection beginning during the mid-fall time frame. Disseminated by mechanical means (vertical cutting, cultivation/aeration).

Symptoms: 6-12-inch circular, semicircular or serpentine sunken patches of light tan/straw colored grass blades. Pockmarked or doughnut-shaped appearance with matted turf plants containing a tuft of apparently healthy turf in the center=frog-eye effect. Areas can expand up to 40 inches in diameter on older turf (2+ years after planting).

Suggested Fungicides: (ROTATE MODE-OF-ACTION CHEMISTRIES)

azoxystrobin (Heritage) Heritage Action=acibenzolar-s-methyl for stress tolerance inducement

azoxystrobin + cyproconazole (Quadris Xtra)

propiconazole (Banner Maxx, Spectator, Kestrel, Tenacity, Propensity, Prophesy™, Tilt, Strider, PropiMax)

fenarimol (Rubigan)

myclobutanil (Eagle, Systhane, Rally, Nova, Laredo, Siskin, Myclobutanil 20EW, Golden Eagle™)

Iprodione (Tazz™)

Iprodione + trifloxystrobin (Interface™)

thiophanate-methyl

tebuconazole (Mirage™ StressGard™)