

BERMUDAGRASS (STUNT) MITES

www.PlatinumTE.com

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.

BERMUDAGRASS (STUNT) MITES: *Eriophyes cynodontiensis* Sayed

Life cycle: Eggs hatch in 2-3 days. At 75°F (23.9°C), adulthood is reached in 7-10 days. Very tolerant of high summer temperatures. Prefer droughty conditions.

Feeding: Feed underneath leaf sheaths. Grass appears weak and off-color in the spring and does not respond to fertilization or irrigation. Yellowing of leaf tips and twisting of foliage. Shortening of stem internodes, resulting in tufted or rosetted growth (witches broom effect). Toxic saliva is injected into stems to cause stunting. Damage is worse in hot, dry weather, especially in spring and fall.

Management: irrigation to minimize drought stress.

Potential chemical control: ROTATE MOA CHEMISTRIES.

APPLY WITH A SURFACTANT--azadirachtin (AZATROL), fluvalinate (MAVRIK, YARDEX), isazofos (TRIUMPH), chlorpyrifos (DURSBAN, INSECTICIDE III™), bifenthrin (BROADSIDE GC, TALSTAR, FIREBIRD®, MENACE, Up-Star SC, PROSECT™), deltamethrin (DELTA GARD, TEMPO ULTRA), chloropyridazin + kaolin (SANMITE), clofentezine (OVATION), abamectin B (DIVANEM, ABACIDE 2, LUCID, MINX), fenpropathrin (TAME), etoxazole (TETRASAN), spiromesifen (FORBID), K salts of fatty acids (M-Pede), acequinocyl (SHUTTLE®), lambda-cyfluthrin (DEMAND, SCIMITAR), beta-cyhalothrin (TEMPO ULTRA), lambda-cyhalothrin (SIMITAR GC), pyriproxyfen (RYCAR), bifenthrin + zeta-cypermethrin + imidacloprid (TRIPLE

CROWN). Suppression: XXPIRE (spinetoram + isoclast active). Captiva bioinsecticide (capsicum oleoresin extract + garlic oil + soybean oil)

Additional mites:

COOL SEASON GRASSES:

BANKS GRASS MITE [*Oligonychus pratensis* (Banks)]

BROWN WHEAT MITE [*Petrobia latens* (muller)]

CLOVER MITE [*Bryobia praetiosa* Koch]

WINTER GRAIN MITE [*Penthaleus major* (Duges)]

WARM SEASON GRASSES:

BUFFALOGRASS MITE [*Eriophyes slyhuisi* (Hall)]

ZOYSIAGRASS MITE [*Eriophyes zoysiae* Baker, Kono, and O'Neill]

BERMUDAGRASS MITE [*Eriophyes cynodoniensis* Sayed]