

**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.

## **SUGARCANE BEETLE (*Euetheola humilis*)**

Medium-sized beetle is attracted to lights and over-winter as adults. Cause damage in the adult stage by digging into the soil, especially in thatch layers, and feed in the crown region of the plant.

**Possible chemical control: (ROTATE MOA CHEMISTRIES) Systemic insecticides** such as imidacloprid (MERIT, MALLET, GARANT, HAWK-I<sup>®</sup> N/O, WARRANT, ENFORCE, BENEFIT, QUALI-PRO IMIDACLOPRID, IMIDA PRO, POINTER, BOUNTY™, GRUBOUT™) and halofenozide (MACH 2) are **effective if applied when adults become active and prior to egg hatching.** Chlorotraniprole (ACELEPRYN, FERENGE).

**Possible contact insecticides:** (ROTATE MOA CHEMISTRIES) isofenphos (OFTANOL), chlorpyrifos (DURSBAN, INSECTICIDE III™), bifenthrin (TALSTAR, FIREBIRD<sup>®</sup>, CROSSCHECK, Up-Star SC, MENACE, PROSECT™), pyrethroid deltamethrin (DELTA GARD, TEMPO ULTRA), clothianidin (ARENA, GUILLOTINE), clothianidin + bifenthrin (ALOFT), imidacloprid + bifenthrin (ALLECTUS), bifenthrin + carbaryl (DIOCIDE™), azadirachtin (AZAGUARD EC), dinotefuran (ZYLAM/SAFARI), bifenthrin + zeta-cypermethrin (TALSTAR XTRA); imidacloprid + beta-cyfluthrin (TEMPRID), bifenthrin + zeta-cypermethrin + imidacloprid

**(TRIPLE CROWN T&O), acephate + imidacloprid (AVATAR PLX), dinotefuran (ZYLAM), acetamiprid (QUASAR).**

**Citations:**

**R.L. Brandenburg. 2011. Guess who's coming to dinner? GCM 79(8):44-54. August.**

**A.C. Lockwood & R.L. Brandenburg. 2010. Sugarcane beetle (*Euethola humilis*) in turfgrass. TurfFiles---Turfgrass Information for North Carolina. TGIF#168050.**