Bayer COR3 Programs Offer New Control Strategies for Difficult Lawn Pests

By Todd Lowe, Bayer Green Solutions Team

Southern chinch bugs are the most damaging pests on St. Augustinegrass turf. Chinch bug nymphs and adults have piercing-sucking mouthparts that injure turf by withdrawing sap from leaf, sheath, crown and stem tissues. In southern states like Florida and Texas, multiple generations can occur, and lawn care operators often treat for chinch bugs regularly from spring through fall.

What are the symptoms of chinch bug feeding?
Initial symptoms include a reddish-purple discoloration of the leaf blade margins followed by yellowing leaves and thinning turf. As the populations grow and feeding intensifies, plants turn straw-colored and resemble drought symptoms, but no amount of irrigation or fertility will bring life back to the grass. If left untreated, large swaths of turf decline and plant death can occur. Turfgrasses grown on south-facing slopes are at highest risk of decline because of the full sun exposure.

What does Bayer recommend for effective southern chinch bug control?
A programmatic approach, including combinations of effective insecticide groups, is recommended for season-long southern chinch bug control. Bayer programs include:

- Barricor® SP, a new formulation of deltamethrin (type II pyrethroid), whose formulation provides activity where the pest resides and feeds.
- Tetrino®, a new diamide that offers longer residual and superior broad-spectrum insect pest control.
- Merit®, a cornerstone product for lawn care, that when combined with Barricor offers longer residual and reduced pyrethroid use.

How does the Bayer chinch bug program compare to current insecticide options?
Standard season-long southern chinch bug programs often include frequent applications of inexpensive bifenthrin, along with an application of clothianidin during peak pest pressure. Research has shown that Bayer programs can provide the same level of control as standard programs, while reducing pyrethroid use and improving resistance management.

Bayer's southern chinch bug programs provide proven season-long control of a broad range of turf pests. Tank mixtures: The applicable labeling for each product must be in the possession of the user at

the time of application. Follow applicable use instructions, including application rates, precautions and restrictions of each product used in the tank mixture. Not all tank mix product formulations have been tested for compatibility or performance other than specifically listed by brand name. Always predetermine the compatibility of tank mixtures by mixing small proportional quantities in advance.

Do the COR3 programs control other important lawn pests?
Yes, COR3 programs also control caterpillar pests such as fall armyworms and sod webworms, as well as grubs and billbugs.

Lawn care operators need an affordable alternative that gets the job done right — and COR3 Programs, featuring Barricor SP, deliver.

ALWAYS READ AND FOLLOW LABEL INSTRUCTIONS. Bayer Environmental Science, a Division of Bayer CropScience LP, 5000 CentreGreen Way, Suite 400, Cary, NC 27513. For additional product information, call toll-free 1-800-331-2867. www.environmentalscience.bayer.us. Not all products are registered in all states. Bayer, the Bayer Cross, Barricor, Merit and Tetrino are registered trademarks of Bayer. ©2022 Bayer CropScience LP.

Barricor™ SP
Merit®
Tetrino®

LEARN MORE AT ES.BAYER.US/COR3