

COMPLETE INSECT CONTROL FOR TRANSITION ZONE BERMUDAGRASS

A Smarter Program for Consistent, Season-Long Results. This program leverages the complementary strengths of Suprado and Contrado to deliver season-long control of key turfgrass pests including white grubs, turf-feeding caterpillars, billbugs, chinch bugs, and increasingly problematic bermudagrass mites. Doxem T&O fills important gaps in seasonal coverage and strengthens the program's resistance-management strategy. An application of Taurus Trio G delivers up to 12 months of control for fire ants and other key pests. Together, these products create a multi-chemistry strategy to protect bermudagrass performance and quality from early spring and beyond.

PRODUCT STRENGTHS

Suprado (Novaluron, Group 15)

- Novel insect growth regulator (IGR) disrupts development and reproduction
- Controls bermudagrass mites, chinch bugs, and mole crickets by disrupting molting
- Ideal for early-season applications to prevent populations from developing

Contrado (Chlorantraniliprole, Group 28)

- Broad-spectrum insecticide targeting key turf pests like white grubs, caterpillars, and billbugs
- Exceptional systemic activity and season-long control with a single application
- Low impact on beneficials and pollinators

Doxem T&O (Indoxacarb, Group 22)

- The first liquid indoxacarb formulation for turfgrass, eliminating abrasive granules common in WDGs
- Provides a novel ingestion-based mode of action that complements other insecticide classes
- Delivers residual protection from armyworms, sod webworms, and mole crickets

Taurus Trio G (Fipronil+Bifenthrin+Lambda-Cyhalothrin, Groups 2B, 3A)

- Provides up to 12 months of residual control of fire ants
- Also controls mole crickets, fleas, ticks, and other nuisance ants

INSECTICIDE PROGRAM FOR TRANSITION ZONE BERMUDAGRASS

Timing	Target Pests	Product	Application Rates (per Acre)	Application
Feb – March	Bermudagrass mites	Suprado	3 quarts	<i>As needed</i>
March – April	Fire ants, mole crickets, fleas, ticks, nuisance ants	Taurus Trio G	87 lbs	Preventative
May	White grubs, turf-feeding caterpillars, billbugs, chinch bugs, mole crickets, and residual mite suppression	Suprado + Contrado	3 quarts + 16 fl oz	Preventative
June	Turf-feeding caterpillars, mole crickets, and nuisance ants	Doxem T&O	15 fl oz	Preventative
September	Bermudagrass mites (late-season activity) and chinch bugs	Suprado	3 quarts	<i>As needed</i>

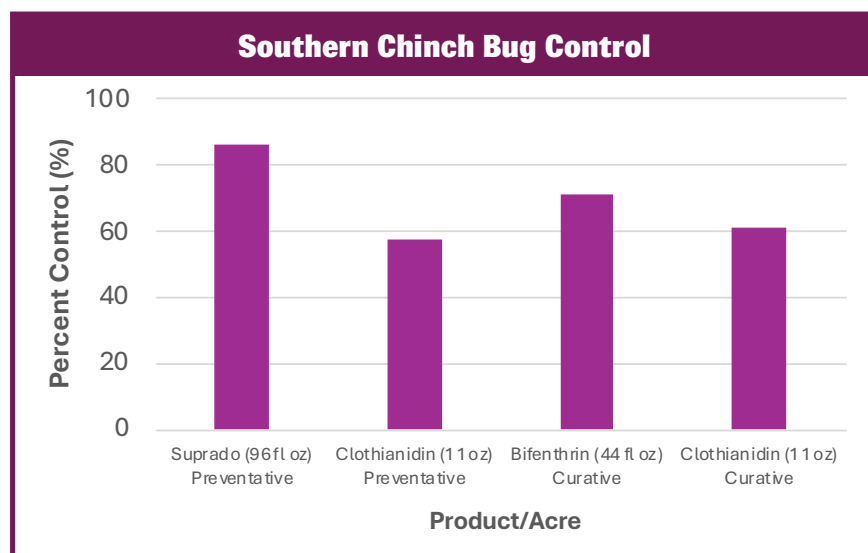
WHY THIS PROGRAM WORKS IN THE TRANSITION ZONE

- **Efficient and Scalable:** Works equally well for golf course superintendents and LCOs managing high-value residential or commercial sites.
- **Single-Tank Spring Solution:** The May application of Suprado + Contrado controls six major pest groups in one trip.
- **Incorporates Mite Control Where Needed:** Strategically timed Suprado applications provide control of bermudagrass mites, preventing population build-up.

APPLICATION TIPS

- **Scout bermudagrass mites early:** Monitor thatch zones of stressed turf for early mite activity in February – March.
- **Apply Contrado with irrigation:** 0.1-0.2" irrigation within 7 days will help move Contrado into the root zone for optimal grub control and systemic uptake.
- **Reapply Suprado in fall** if bermudagrass mite or chinch bug pressure returns.

PROVEN PERFORMANCE



Preventative applications with Suprado provide better control than preventative and curative applications with alternative chemistries. Preventative applications were made 30 days prior to infestation. Curative applications were made 7 days after infestation.

Study conducted by Dr. Adam Dale, University of Florida, on St. Augustinegrass 'Seville'.

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