



DOXEM[®] T&O

FLAWLESS FLOW POWERED BY INDOXACARB, FROM TANK TO TURF

Introducing **Quali-Pro's Doxem T&O Insecticide**, the first liquid formulation of indoxacarb labeled for turfgrass. Powered by the proven active ingredient indoxacarb (IRAC Group 22A), Doxem T&O delivers fast knockdown, extended residual activity, and exceptional safety across turf and landscape applications. Designed for performance and ease of use, this next-generation suspension concentrate offers consistent control of key cool and warm-season chewing insect pests without the hassle of water-dispersible granules.

ADVANTAGES OF USING DOXEM T&O

Innovative Liquid Formulation: The first liquid indoxacarb for turfgrass simplifies mixing, reduces nozzle wear and clogging, and eliminates abrasive granules common in WDGs. Offering improved compatibility with other products and easier tank cleanup.

Fast-Acting, Broad-Spectrum Control: Quickly halts feeding and delivers residual protection from annual bluegrass weevils, turf caterpillars, mole crickets, European crane fly larvae, and certain nuisance ant species.

Reduced-Risk Chemistry: Designated as a Reduced-Risk Pesticide by the EPA, Doxem T&O has a favorable toxicological and environmental profile.

Unique Mode of Action: As a Group 22A sodium channel blocker, Doxem T&O provides a novel ingestion-based mode of action that complements other insecticide classes. Ideal for resistance-management programs and IPM strategies.

Flexible Use Across Sites: Labeled for use on golf courses, sports fields, residential lawns, and landscape ornamentals.

HOW IT WORKS

Indoxacarb acts primarily through ingestion, where it is converted inside the insect into an active metabolite that blocks voltage-dependent sodium channels. This disrupts nerve impulses, causing immediate feeding cessation, paralysis, and death. Because Doxem T&O relies on ingestion rather than contact, it poses minimal risk to beneficial insects and pollinators.

TURFGRASS APPLICATION CONSIDERATIONS

- **Use Rate:** 7.5 – 15 fl oz per acre for most key target pests
- **Irrigation:** Delay watering and mowing \geq 24 hrs post-application for foliar caterpillars. Irrigate 0.05–0.1" after ABW or mole cricket treatments. Irrigate 0.1-0.2" for nuisance ants to move the active ingredient into the soil where pests are burrowing.
- **Residual:** Provides up to 28 days extended protection between applications.

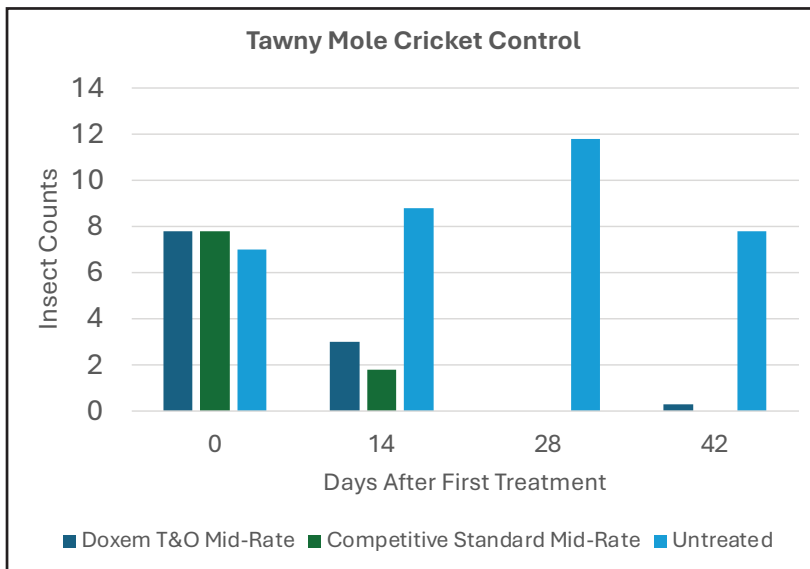
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THE PERFECT FIT FOR ANNUAL BLUEGRASS WEEVIL PROGRAMS

Timing	Solution	IRAC	Target Pests	Rate/Acre	Application Notes
Early April - Mid May	Suprado	15	Annual bluegrass weevil adults and early instar larvae	4 quarts	Let dry on turf for 24 hours after application to allow for better contact with migrating adults.
Mid May - Early June	Doxem T&O	22	Annual bluegrass weevil larvae and turf caterpillars	15 fl oz	Apply with enough carrier volume to move to active ingredient into the crown and thatch layer for ABW late instar larvae. Allow to dry on the leaf surface for maximum contact with turf caterpillars.
June - July <i>As needed</i>	Suprado	15	Annual bluegrass weevil larvae and newly developed adults	4 quarts	Apply 14 – 28 days following the Doxem T&O application to target late instar larvae and new generation adults. Let dry on turf for 24 hours after application to allow for better contact with migrating adults. Then irrigate with 0.1-0.2" irrigation to move the active ingredient to the crown and thatch layer where larvae are present.

PROVEN PERFORMANCE



Study conducted by Travis Teuton, Southeast Turfgrass Research Center in Dunnellon, FL. Applications made on June 28 and July 12, 2023 with 0.25" post-application irrigation.

Doxem T&O delivers rapid results, beginning to suppress tawny mole crickets within 14 days after treatment. A follow-up application extended control to at least 42 days, performing on par with the competitive standard.



Always read and follow product label directions.
controlsolutionsinc.com/quali-pro/products/doxem-t-o

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