

QUALI-PRO

# DOXEM<sup>®</sup> T&O

## SUSPENSION CONCENTRATE INSECTICIDE

Introducing Quali-Pro's **Doxem T&O Insecticide**, the first liquid formulation of indoxacarb labeled for turfgrass. Powered by the proven active ingredient indoxacarb, Doxem T&O delivers safe and effective knockdown and residual activity. Designed for performance and ease of use, this next-generation suspension concentrate provides 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.

**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:** 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 and commercial lawns, and landscape ornamentals.

### HOW IT WORKS

Indoxacarb acts primarily through ingestion, where it is converted 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.



### ACTIVE INGREDIENT

20.9% Indoxacarb

### PACKAGING

4 x 1 Gallon

### IRAC CLASSIFICATION

Group 22A

### INTEGRATED PERFORMANCE

- Mixes easily for flexible tank programs
- Pairs with Suprado and Contrado for season-long insect control in cool and warm-season turf

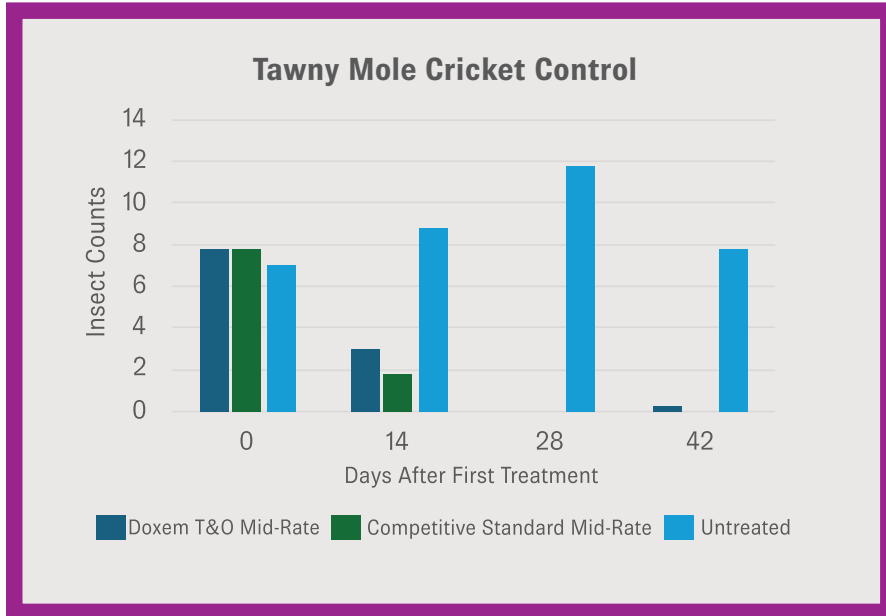
[quali-pro.com](http://quali-pro.com)

[f @qualipro](https://www.facebook.com/qualipro) [@quali\\_pro](https://www.instagram.com/qualipro)

## 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 and ABW adults. Irrigate 0.1-0.2" for ABW late instar larvae, mole crickets, and nuisance ants to move the active ingredient into the soil where pests are burrowing.
- **Residual:** Provides up to 28 days extended protection between applications.

## 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 prevented population rebound for at least 42 days, performing on par with the competitive standard.**

## FORMULATION INNOVATION



Formulation stability after tank mixing at labeled rates. The competitor WDG (left) shows visible settling after 20 minutes, while Doxem® T&O (right) remains uniformly suspended, highlighting superior suspension stability and reduced risk of uneven application or equipment issues.



Always read and follow product label directions.  
[controlsolutionsinc.com/quali-pro/products/doxem-t-o](https://controlsolutionsinc.com/quali-pro/products/doxem-t-o)

**QUALI-PRO**

[quali-pro.com](https://quali-pro.com)

@qualipro @quali\_pro