

QUALI-PRO[®]

BY ADAMA

NEW GENERATION INSECTICIDE FOR TURFGRASS PROFESSIONALS

TWISTER[™]

Trusted AI, Indoxacarb (and more of it)

New mode of action – Novaluron

Great rotational tool for key turf pests



Ask your Quali-Pro agent about twister for your insect control solutions.

Quali-Pro® Twister™

GROUP 15 | 22A INSECTICIDE

QUALI-PRO® TWISTER™ is a highly effective insecticide for robust knockdown and residual control of Argentine Stem Weevil, Billbug and African Black Beetle in turf. Formulated as a high quality suspension concentrate (SC), Quali-Pro Twister is a unique insecticide co-formulation of Indoxacarb 320g/L and Novaluron 80g/L.

Introducing Novaluron

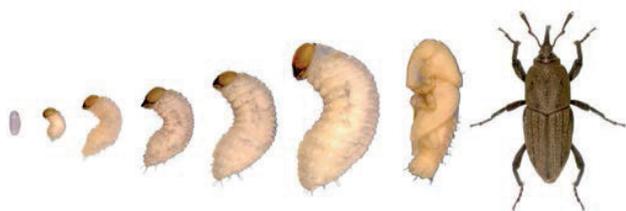
A new mode of action in Australian Turf Management

Novaluron is a benzoylurea insect growth regulator that inhibits chitin synthesis in the larvae of target pests. Chitin is a key structural component of the cuticle of insects. Depending on the growth stage, reduced chitin production causes abnormal development and larval mortality, disrupts metamorphosis and reduces emergence of adults.

Due to its mode of action, novaluron is slower to control pests. However the long residual activity of novaluron is particularly effective when combined with a partner insecticide with more rapid activity, such as indoxacarb.

Key Points are:

- As the larvae grows to the next stage of its life cycle, it dies.
- Treated larvae never get to adult stage to lay any more eggs.
- Absorbed through the cuticle (skin) and ingested.
- Residual in the soil and translaminar through the plant.



Indoxacarb is an effective knockdown insecticide on all stages of the pest lifecycle.

Novaluron prevents any stage larvae from growing to the next stage in the lifecycle.

Indoxacarb

Indoxacarb is an oxadiazine insecticide that inhibits sodium ion entry into insect nerve cells. Larvae exposed to a lethal dose of indoxacarb usually stop feeding within four hours, with paralysis and mortality occurring after 4–48 hours. Indoxacarb is also effective when targeting adults.

Quali-Pro Twister enables a significantly higher maximum use rate of indoxacarb s-isomer (720 g/ha) compared to solo formulations (187.5 g/ha). This robust high rate provides excellent knockdown and residual control.

Key Points are:

- Rapid knockdown of both adults and larvae
- Absorbed through the cuticle (skin) and ingested
- Residual in the soil and translaminar through plant

Combined Novaluron and Indoxacarb

By combining Novaluron and Indoxacarb Quali-Pro Twister brings to the Australian turf market a brand new mode of action new strategy for resistance management of Argentine Stem Weevil as well as Billbug and African Black Beetle.

CROP	PEST	RATE
Turf (including Gold Courses, Sports Fields, and other sport and recreational turf areas)	Argentine Stem Weevil (<i>Listronotus bonariensis</i>)	3L/ha
	Billbug (<i>La Plata Weevil</i>) (<i>Sphenophorus brunnipennis</i>), African Black Beetle (<i>Heteronychus arator</i>)	3L/ha



Scan here for more information

QUALI-PRO®

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