



Technical Guide



Control macadamia seed weevil in macadamias plus other key pests in pome fruit, stone fruit and almonds with Vayego[®] 200 SC Insecticide.

- Proven chemistry with unique broad spectrum pest control
- Strong activity against macadamia seed weevil (also known as sigastus weevil)
- Fast-feeding cessation with systemic action and long residual efficacy
- Soft on key beneficial species, including beneficial mites
- 10 day withholding period

BENEFITS

- //// Vayego[®] targets multiple tree crop pests
- //// Proven activity on all life stages
- //// Fast acting
- //// Soft on most beneficial species
- //// Short withholding period

For full information on pest spectrum and IPM profile, visit vayego.com.au or speak to your advisor.

Vayego is a diamide insecticide (Group 28) that protects macadamias, pome and stone fruit, and almonds against all life stages of a number of important chewing pests. Tetraniliprole, the active ingredient in Vayego, was created and developed by Bayer.

KEY BENEFITS

///// Vayego targets multiple tree crop pests: Macadamia seed weevil, apple weevil, garden weevil, Fuller's rose weevil, carpophilus beetle and moths, including carob moth, codling moth, light brown apple moth and oriental fruit moth. (See label for further details)

///// Proven activity on all life stages: From eggs to adults

///// Fast acting: Pests stop feeding almost immediately after treatment

///// Soft on beneficial species: Including mite, aphid, moth and scale predators when used as directed. Vayego is positioned for application after flowering to protect bees and other pollinator species

///// Short withholding period: 3–10 days (crop dependent)

PRODUCT OVERVIEW

PRODUCT NAME:	Vayego
ACTIVE INGREDIENT:	Tetraniliprole 200 g/L
INDICATION:	Insecticide for broadcast foliar spray
MODE OF ACTION:	Ryanodine receptor modulator
CHEMICAL CLASS:	Diamide (anthranilamide)
IRAC CLASSIFICATION:	Group 28
CROPS:	Macadamias, pome fruit, stone fruit and almonds
PEST SPECTRUM:	Selected lepidopteran, coleopteran and dipteran species
FORMULATION:	Suspension concentrate (SC)

Vayego in macadamias

Vayego controls macadamia seed weevil in macadamias. Vayego should be used as part of an integrated pest management program, with a focus on using a range of other measures to control macadamia seed weevil.

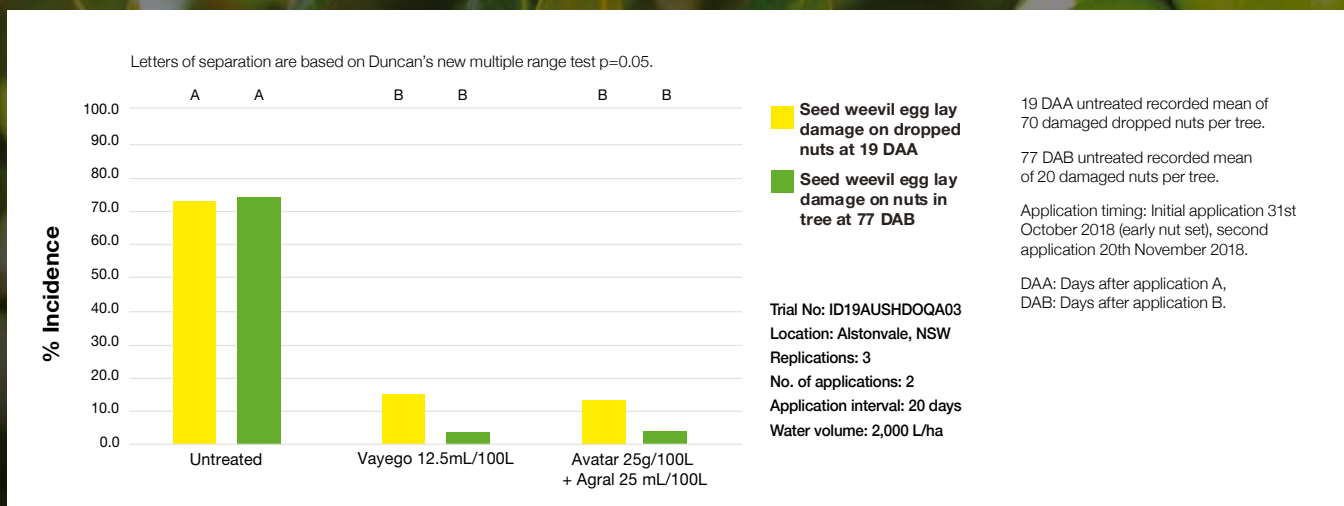
AT A GLANCE

TARGET PEST:	Macadamia seed weevil (Sigastus weevil)
USE RATE:	12.5 mL/100 L
PACK SIZES:	1 L & 5 L
MAXIMUM SPRAYS:	Do not apply more than 3 applications per season (up to 300 mL/ha per application)
APPLICATION INTERVAL:	14 – 28 days
WITHHOLDING PERIOD:	10 days
ADJUVANT:	Adding a non-ionic wetter at label rates may improve control

DIRECTIONS FOR USE IN MACADAMIAS

CROP	PEST	RATE	WHP	CRITICAL COMMENTS
Macadamias	Sigastus weevil (macadamia seed weevil, <i>Kuschelorhynchus macadamiae</i>)	12.5 mL /100 L	H 10 days	<p>Monitor the weevil population and commence applications when weevils are active and after petal fall. Apply with a 14 - 28 day interval between applications as required until shell hardening. Do not apply more than three applications per season in each crop.</p> <p>Apply as a dilute application ensuring thorough and uniform spray coverage of foliage and branches – refer 'Application' section in GENERAL INSTRUCTIONS.</p> <p>Do not apply more than 300 mL of Vayego per hectare in a single application.</p> <p>The addition of a non-ionic wetter e.g. Agral 600 added at 10 mL/100 L of spray solution, may improve control.</p> <p>Vayego should be used as part of an integrated pest management approach which should include the use of other measures for control of sigastus weevil.</p>

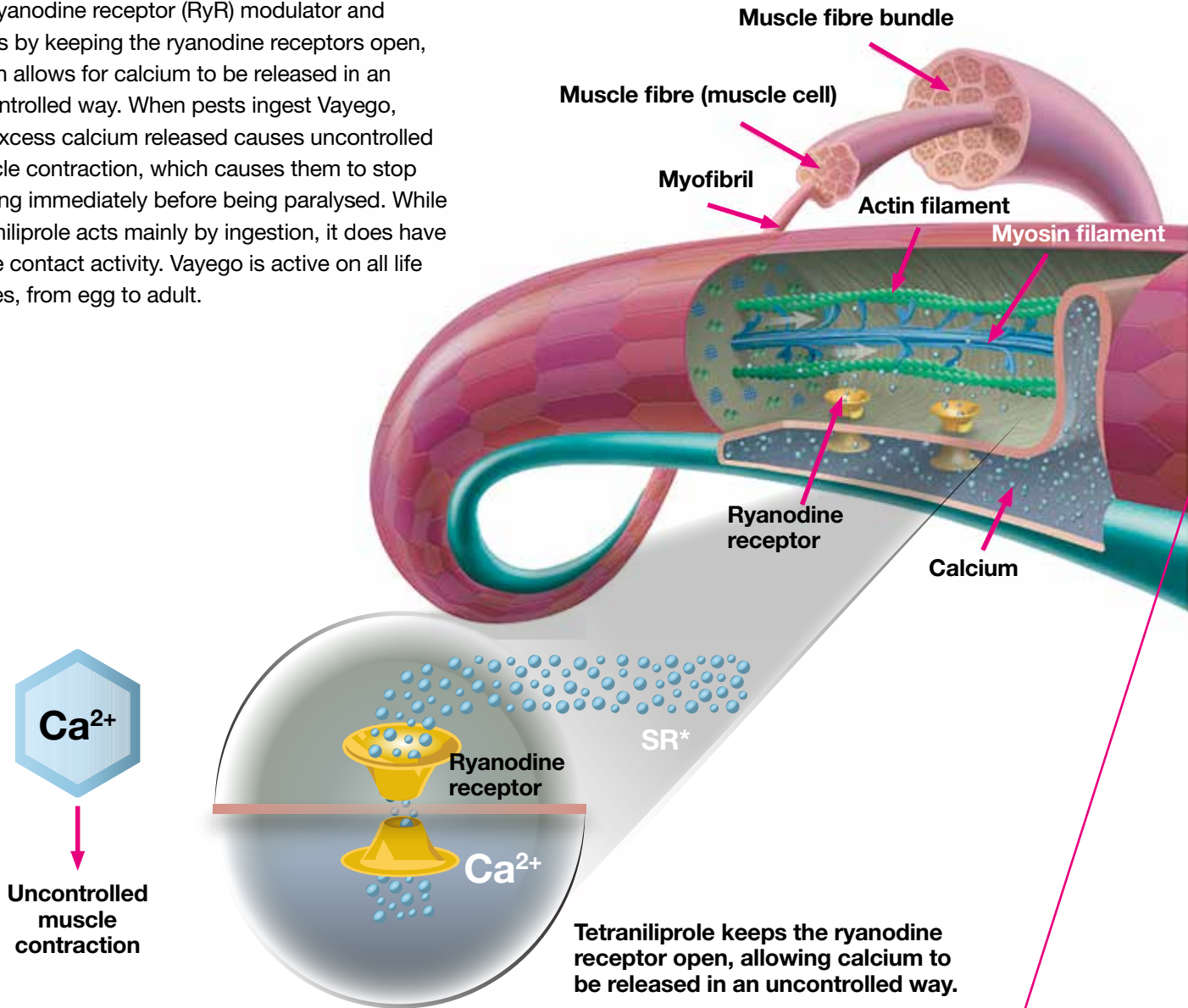
// NUMBER OF MACADAMIA SEED WEEVIL DAMAGE ON NUTS



BIOLOGICAL PROPERTIES

// HOW VAYEGO WORKS

Tetraniliprole, the active ingredient in Vayego, is a ryanodine receptor (RyR) modulator and works by keeping the ryanodine receptors open, which allows for calcium to be released in an uncontrolled way. When pests ingest Vayego, the excess calcium released causes uncontrolled muscle contraction, which causes them to stop feeding immediately before being paralysed. While tetraniliprole acts mainly by ingestion, it does have some contact activity. Vayego is active on all life stages, from egg to adult.



*SR = Sarcoplasmic reticulum

For more information on getting the best out of Vayego, visit crop.bayer.com.au/vayego or talk to your local Bayer Crop Science representative.

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Always consult the product label for detailed information. The information and recommendations set out in this brochure are based on tests and data believed to be reliable at the time of publication. Results may vary, as the use and application of the products is beyond our control and may be subject to climatic, geographical or biological variables, and/or developed resistance. Any product referred to in this brochure must be used strictly as directed, and in accordance with all instructions appearing on the label for that product and in other applicable reference material. So far as it is lawfully able to do so, Bayer CropScience Pty Ltd accepts no liability or responsibility for loss or damage arising from failure to follow such directions and instructions.

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