


# METAREX INOV®

## SUPERIOR SLUG & SNAIL CONTROL FROM SCIENCE & NATURE

**METAREX INOV® All Weather Slug & Snail Bait** provides breakthrough control based on unique **COLZACTIVE®** technology in an enhanced delivery system for

-  **Maximum Attractiveness**
-  **Enhanced Palatability**
-  **Faster Efficient Kill**
-  **Persistent Control**





**Metarex Inov contains 40 g/kg metaldehyde**

*Slugs and snails cause major damage to Australian crops across the country.*

### Slugs & Snails – A Growing Problem

Slugs and snails cause major damage to Australian crops, with a wide range of destructive species found across large parts of the country. They pose a significant threat to the successful establishment of many crops and pasture. Slugs have the ability to consume 50% of their body weight in food in one night. Both slugs and snails reproduce quickly and produce up to 1500 eggs per year.

Snails cause crop damage to newly emerging crops and to new growth shoots in vines and trees. Snails pose a major contamination threat to both broadacre and horticultural crops at harvest across southern Australia and are a threat to export markets if not controlled.

**METAREX INOV** represents a breakthrough in slug and snail control based on innovative COLZACTIVE technology - a development of De Sangosse, the global leaders in slug and snail bait formulation.

With less active ingredient and lower use rates than before, **METAREX INOV** incorporates canola extracts within the matrix to effectively attract and control slugs and snails quickly.

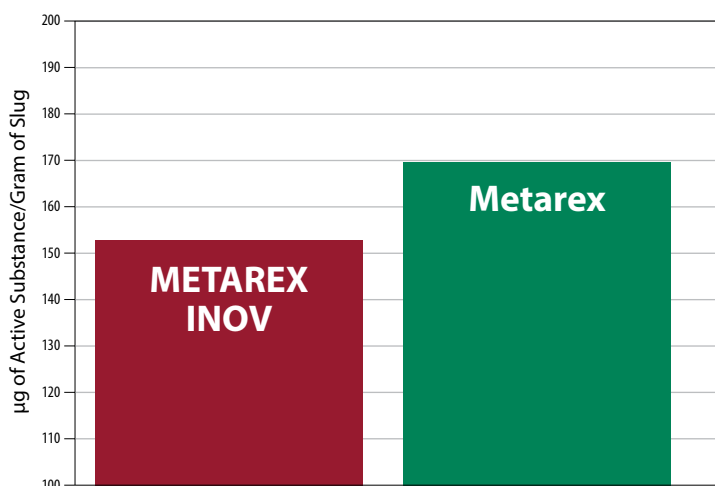
**METAREX INOV** showcases the power of De Sangosse formulation science in combination with nature.

### The Science Behind METAREX INOV COLZACTIVE

Comprehensive trials assessed 20 different plant species for their ability to attract slugs, with 50 molecules identified as having potential. Two molecules from canola were selected for their extraordinary attractiveness and palatability. From this, COLZACTIVE technology was born.

Formulated as an integral part of **METAREX INOV** bait, COLZACTIVE delivers maximum attractiveness and enhanced palatability. The enhanced delivery system means slugs and snails consume a lethal dose more quickly. The result is less bait required, reduced crop damage and a faster effective kill.

### Amount of Metaldehyde Required to Kill a Slug



Source: R&D De Sangosse

### IPM Friendly

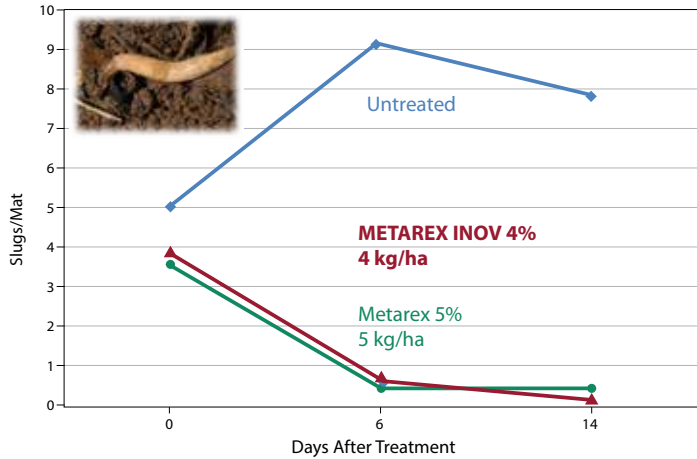
**METAREX INOV** contains 40 g/kg metaldehyde and is Integrated Pest Management (IPM) friendly. **METAREX INOV** will not affect earthworms or carabid beetles, which can contribute to the natural suppression of slugs.

### Long Lasting Protection

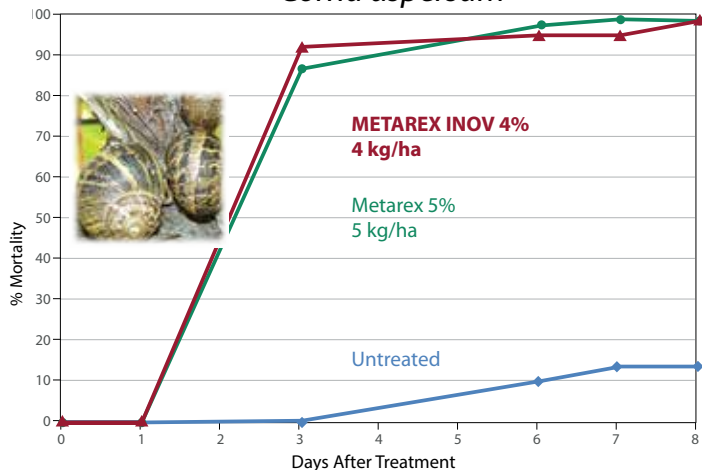
**METAREX INOV** continues the unrivalled reputation of Metarex® as an all-weather slug and snail bait. **METAREX INOV** is uniquely manufactured to be highly rainfast and able to be wet and dried repeatedly without losing potency. The result is a true bait that keeps on working.

## Slug and Snail Mortality

### *Deroceras reticulatum*

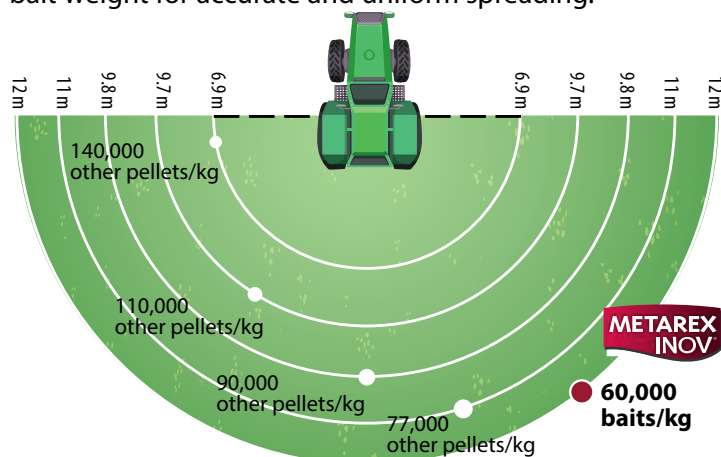


### *Cornu aspersum*



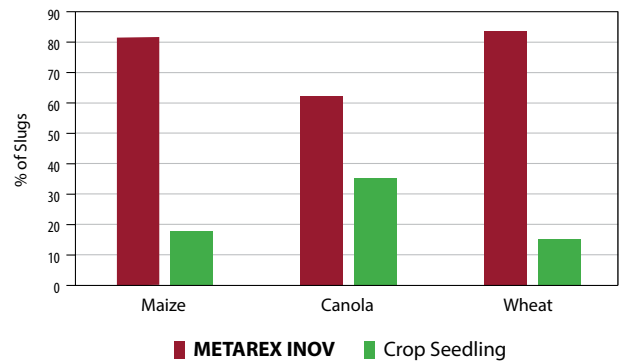
## Excellent Ballistics

**METAREX INOV** contains 60,000 baits per kilogram, which are of an optimal size to allow the maximum possible spread width. Some competitor products with high bait counts (>60,000 per kg) contain small pellets which increases the chance of a sub-lethal dose. The **METAREX INOV** formulation delivers excellent ballistics with uniform bait weight for accurate and uniform spreading.

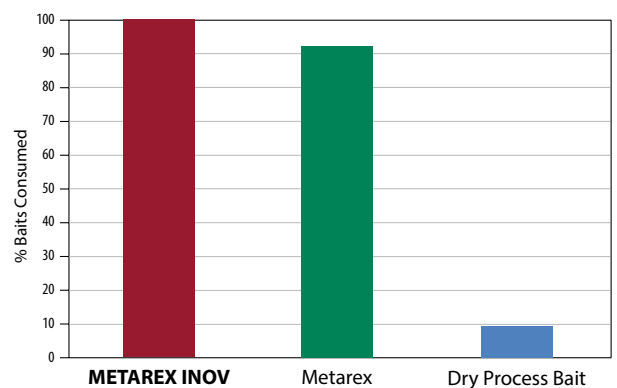


## Maximum Attractiveness

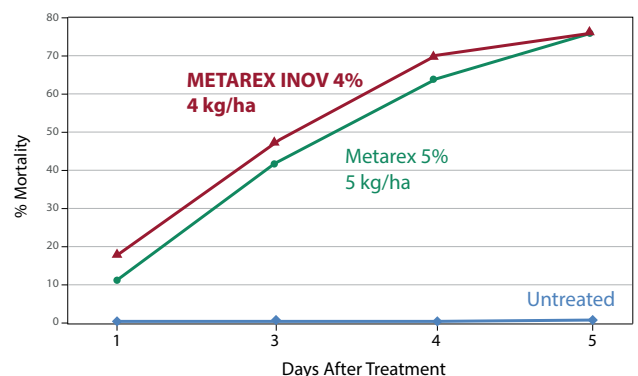
In this trial, slugs were given the choice of feeding on **METAREX INOV** bait or crop.



## Enhanced Palatability



## Faster Efficient Kill of Slugs



Source: R&D De Sangosse

Innovation. Quality. Solutions.

## Getting the Best out of METAREX INOV

Monitoring slug and snail populations is an important first step in the control process. In addition, knowledge of paddock history will help to identify high-risk areas or 'hot spots' that may benefit from early localised or perimeter baiting strategies.

The reduction of surface trash via early weed control, and the reduction of stubble where possible, will minimise habitats for slugs and snails. Evident populations should be baited prior to sowing in order to reduce total numbers. Alternatively, apply baits at sowing. Where populations are high and/or present for extended periods, baits may need to be applied more than once. Germinating seedlings may be targeted by slugs in-furrow and baiting only after crop germination is likely to be too late to prevent crop damage.

In permanent crops such as vines and trees, snail and slug numbers should be monitored throughout the year. 'Hot spots' can be identified when harvesting,

pruning or walking through the site, with targeted baiting undertaken to limit population spread.

Application of **METAREX INOV** in autumn, targeting snails before they lay eggs, will provide better results than if applied in spring.

## Summary

Slugs and snails are discriminating eaters and the quality of a bait, particularly its palatability, is important. An attractive product will ensure slugs and snails encounter bait and consume a lethal dose quickly.

Only **METAREX INOV** All Weather Slug & Snail Bait contains COLZACTIVE for effective pest control. A uniform bait that can be accurately spread, only **METAREX INOV** provides maximum attractiveness, enhanced palatability and faster efficient kill.

## Directions for Use Table

The following is an extract of the product label and does not constitute the complete directions for use. The product label should be read thoroughly before opening the packaging.

CROP/ SITUATION	PEST	RATE	CRITICAL COMMENTS
<b>Agricultural crops:</b> Cereals, oilseeds (including poppies), pulses  <b>Horticultural crops:</b> Fruit (including grapevines), vegetables	Slugs and snails (except small brown snails)	4 – 5 kg/ha	Broadcast evenly over the surface of the ground where slugs and snails are active, or incorporate with seed when direct drilling.  A rate of 5 kg/ha is suitable for use in most situations, and in low pest pressure situations, a rate of 4 kg/ha may be adequate, except for small brown snails.
	Small brown snails ( <i>Microxeromagna vestita</i> )	8 – 10 kg/ha	For best results for small brown snails, use in an Integrated Program with careful monitoring of the area.
Pasture establishment	Slugs and snails	4 – 5 kg/ha	Broadcast evenly over the surface of the ground where slugs and snails are active, or incorporate with seed when direct drilling.  A rate of 5 kg/ha is suitable for use in most situations. In low pest pressure situations, a rate of 4 kg/ha may be adequate.
Other agricultural, industrial & commercial situations where slugs and snails congregate	Slugs and snails (except small brown snails)	4 – 5 kg/ha	Broadcast evenly over the surface of the ground where slugs and snails are active.  A rate of 5 kg/ha is suitable for use in most situations, and in low pest pressure situations, a rate of 4 kg/ha may be adequate, except for small brown snails.
	Small brown snails ( <i>Microxeromagna vestita</i> )	8 – 10 kg/ha	For best results on small brown snails, use in an Integrated Program with careful monitoring of the area.
Container plants	Slugs and snails	24 – 30 baits/m <sup>2</sup>	For best results place baits close to base of container. Scatter bait evenly, ensuring that each container receives at least one bait.

## USE HIGHER RATES WHERE SLUG AND SNAIL POPULATIONS ARE HIGH OR UNDER SIGNIFICANT RAINFALL CONDITIONS. REFER TO THE LABEL FOR FULL DETAILS.

The information provided herein may include extracts from the product label and does not constitute the complete directions for use. READ THE PRODUCT LABEL THOROUGHLY BEFORE OPENING OR USING METAREX INOV

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