SlugOut® All Weather Slug & Snail Bait **Technotes**

SlugOut® All Weather Slug and Snail Bait - Mollusc Bait Product Comparisons

Introduction

Independent laboratory studies were used to compare SlugOut All Weather Slug and Snail Bait's physical characteristics, rain and mould resistance to alternative commercial mollusc bait formulations registered in Australia.

Summary of Results

SlugOut All Weather Slug and Snail Bait provides superior protection from slugs and snails

- more bait stations per square metre
- resistance to mould development during wet conditions
- superior rainfastness.

Products Tested

Product	Distributor	Active Ingredient	Product Type
SlugOut® All Weather Slug and Snail Bait	Crop Care Australasia Pty Ltd.	Metaldehyde, 18g/kg	Green core-based granules
Delicia SluggOff® Lentils	Animal Control Technologies Pty Ltd.	Metaldehyde, 30g/kg	Small green discoid shaped pastilles
Metarex® Snail and Slug Bait	Agnova Technologies Pty Ltd.	Metaldehyde, 50g/kg	Small green extruded pellets

Product Application Rates

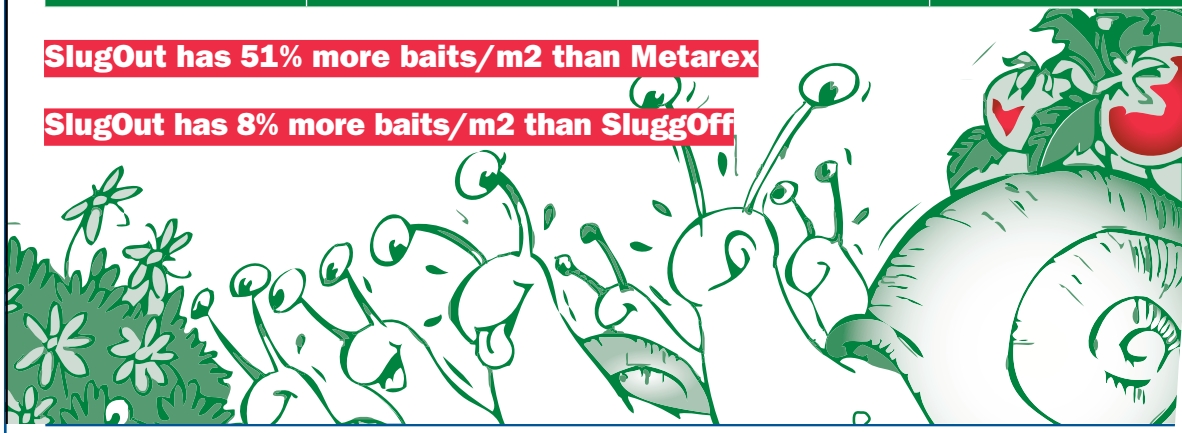
Product	Recommended Application Rate
SlugOut® All Weather Slug and Snail Bait	Fruit and veges - 20kg/ha broadcast and 10kg/ha drilling with seed, Broadacre crops 10kg/ha broadcast, 6m/m2 gardens and small areas
Delicia SluggOff® Lentils	3kg/ha broadacre, 6kg/ha horticulture
Metarex® Snail and Slug Bait	5-10kg/ha. 10kg/ha for small brown snails

Slug and Snail Bait Comparisons – Physical Test Results

Characteristic	SlugOut	Delicia SluggOff	Metarex
Bait Type	Core based, rounded even sized granules	Homogenous discs of even size and shape	Short extruded pellets of even size
Appearance	Even green, dust free, free flowing	Even green, dust free, free flowing	Even green, dust free, free flowing
Bait dimensions	1.52 – 3.21 mm	3.31 - 3.98 mm Dia 1.26 - 1.91 mm Dp	2.73 - 2.78 Dia 1.92 - 3.47 mm L
No of baits/gram	94	87	62
No of baits per Ha at recommended label rate	1,880,000	260,000	310,000 to 496,000

SlugOut has 51% more baits/m2 than Metarex

SlugOut has 8% more baits/m2 than SluggOff



Crop Care

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Mould Resistance Test Results

(% by count showing clearly visible mould growth, two pots per treatment)

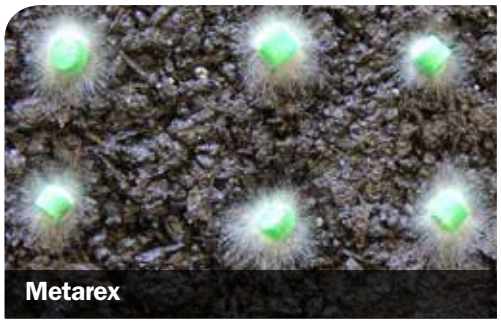
Resistance	SlugOut	Delicia SluggOff	Metarex
4 days	10 %	78 %	62 %
7 days	26 %	100 %	100 %
10 days	76 %	100 %	100 %

SlugOut afforded a greater resistance to mould than any of the other Australian registered formulations. The bait therefore remains more palatable for a longer period of time.

Mould growth after 10 days


SlugOut


Delicia SluggOff


Metarex

Rain Resistance Test Results

Rain	SlugOut	Delicia SluggOff	Metarex
26mm	Coating on all baits swollen. 100% intact.	All baits swollen. 100% intact.	All baits swollen. 100% intact.
128mm	Coating on 18% substantially dispersed, balance completely intact.	6% broken down, remainder completely intact.	18% partially disintegrated, 82% completely dispersed.

SlugOut, in addition to providing the most bait stations per square metre and the best resistance to development of mould, also has excellent rain resistance.

Rainfastness after 128 mm rain


SlugOut


Delicia SluggOff


Metarex

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Contact your local Crop Care distributor for further information:
Customer service Australia-wide: 1800 111 454 **Fax:** (07) 3909 2040 **www.cropcare.com.au**