

IRONMAX^{PRO}

For control of slugs and snails in agricultural, horticultural and ornamental crops and other situations where slugs and snails congregate.



A BIOGRO CERTIFIED MOLLUSCICIDE

ENGINEERED WITH

IPMax &



TECHNOLOGY

SUPERIOR BAIT FOR SUPERIOR PERFORMANCE

IRONMAX^{PRO} slug and snail bait is a unique product containing the optimized active ingredient (24.2 g/kg ferric phosphate anhydrous), referred to as IP^{Max}. Manufactured by De Sangosse, global leaders in slug pellet technology, **IRONMAX^{PRO} IS THE BEST IN ITS CLASS.**

A TRUE BAIT with the HIGHEST QUALITY and PERFORMANCE

IRONMAX^{PRO} is engineered with COLZACTIVE[®] TECHNOLOGY which combines science and nature for superior performance. COLZACTIVE[®] facilitates the rapid detection by slugs and snails with increased action for effective pest control. The active ingredient, IP^{Max} is further optimized for maximum performance after screening for specific quality criteria. Pellets are manufactured with the finest durum wheat using the De Sangosse advanced wet process enabling excellent environmental credentials. Only IRONMAX^{PRO} contains the combination of these unique technologies.



PRODUCT DESCRIPTION

Shape	Cylindrical
Colour	Blue
Pellets/kg	60 000
Crops	All
Rate	5 - 7 kg/ha
Withholding period	All edible crops. Do not harvest 1 day after application

MODE OF ACTION

GUT WRENCHING to SLUGS!

IP^{Max} works as a stomach poison, once eaten there is no recovery. It impairs the digestion process and ultimately the ability of a slug to process food. Feeding stops immediately. Slugs retreat underground to die and effects can be less visible, so look for protection of crops rather than dead slugs.



KEY FEATURES AND BENEFITS

Better
Attractiveness

Better
Palatability

Better
Action

Better
Spreadability

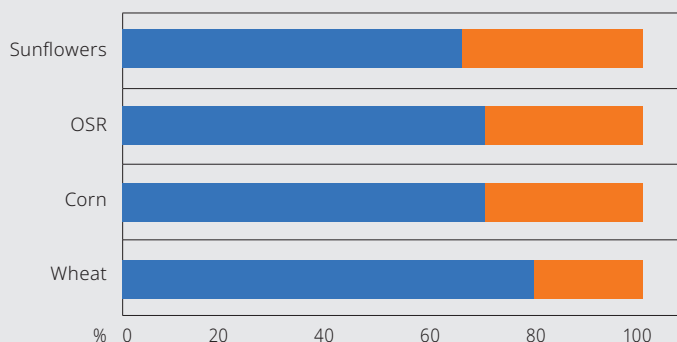
Better
Persistence

BETTER ATTRACTIVENESS

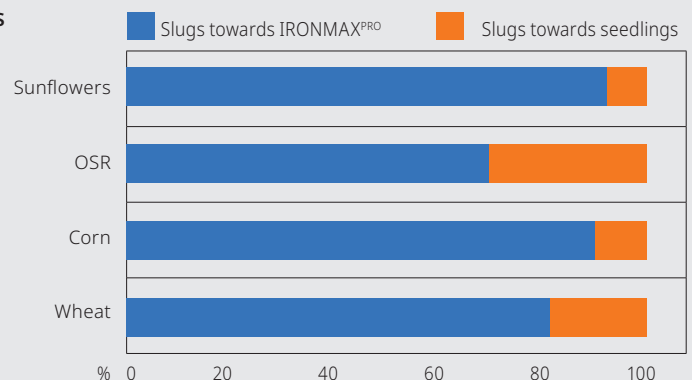


The essence of a successful slug pellet is that it is more attractive than seedlings. **IRONMAX^{PRO}** pellets have been pioneered with the incorporation of molecules from oil seed rape (brassicas) selected for their extraordinarily attractive and palatable characteristics to slugs. Attractiveness is a crucial feature and **COLZACTIVE[®]**'s unique chemistry makes it more potent than competitors.

IRONMAX^{PRO} | Effectiveness vs seedlings - Grey field slugs



In average more than 70% of grey field slugs prefer IRONMAX^{PRO} than the seedling



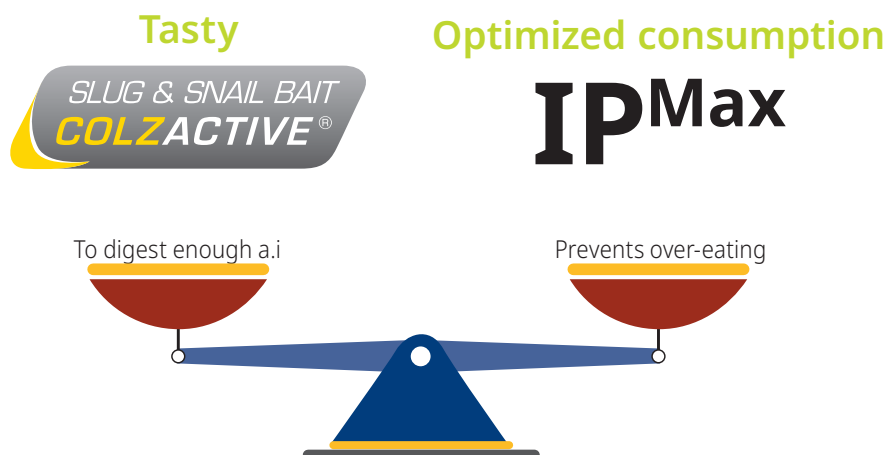
In average more than 80% of black field slugs prefer IRONMAX^{PRO} than the seedling

BETTER PALATABILITY



Using a **high quality** durum wheat pellet with **COLZACTIVE®** simply ensures the slug ingests sufficient of the active substance to cause death.

BALANCED PALATABILITY: Slugs and snails EAT only a **SUFFICIENT AMOUNT** of bait, hence there is sufficient bait remaining for other slugs and snails to ingest and be affected.

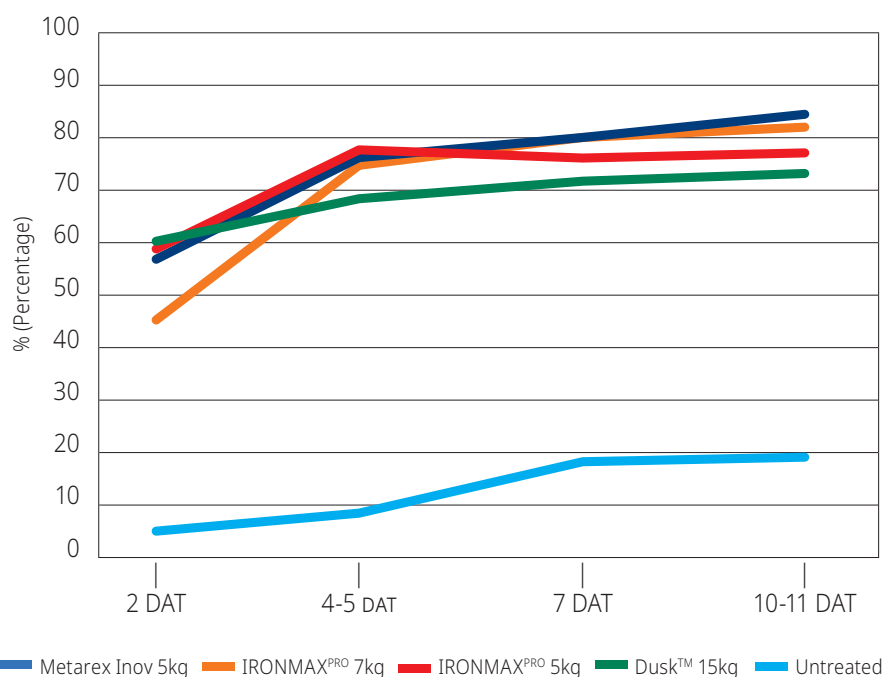


FASTER ACTION | QUICK EFFECT

Slugs that have consumed **IRONMAX^{PRO}** stop feeding earlier & die more quickly.
First biorational molluscicide with efficacy equivalent to metaldehyde bait.

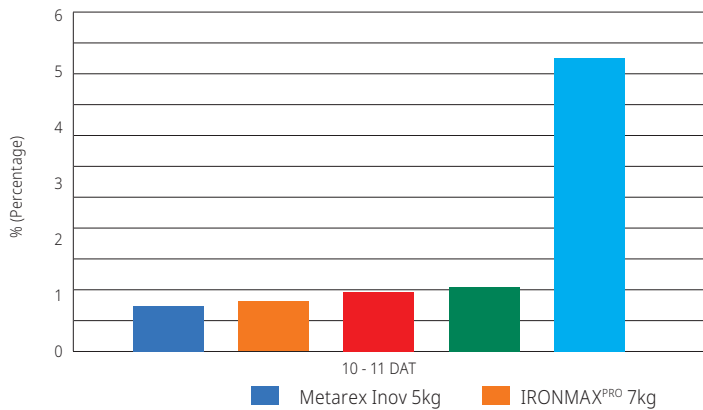
Protocols

Location	Pukekohe - New Zealand
Soil type	Potting mix
Crop details	Lettuce (transplanted)
Trial design	Randomized block (4 replicates)
Baits application	Broadcast by hand at transplanting
Pest	8/arena (32m ²) of <i>Deroceras reticulatum</i>
Assessments	Mortality, crop damages and remaining baits
Number of trials	3 (from Oct to Dec 2019)

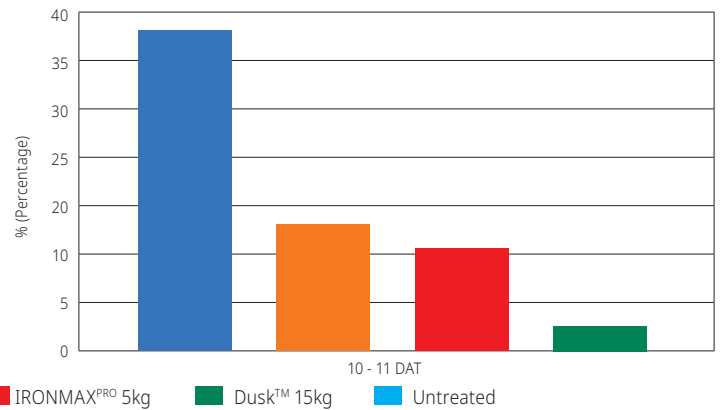


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Feeding damage severity at 11 DAT (average over 3 trials)



Remaining bait % at 11 DAT (average over 3 trials)

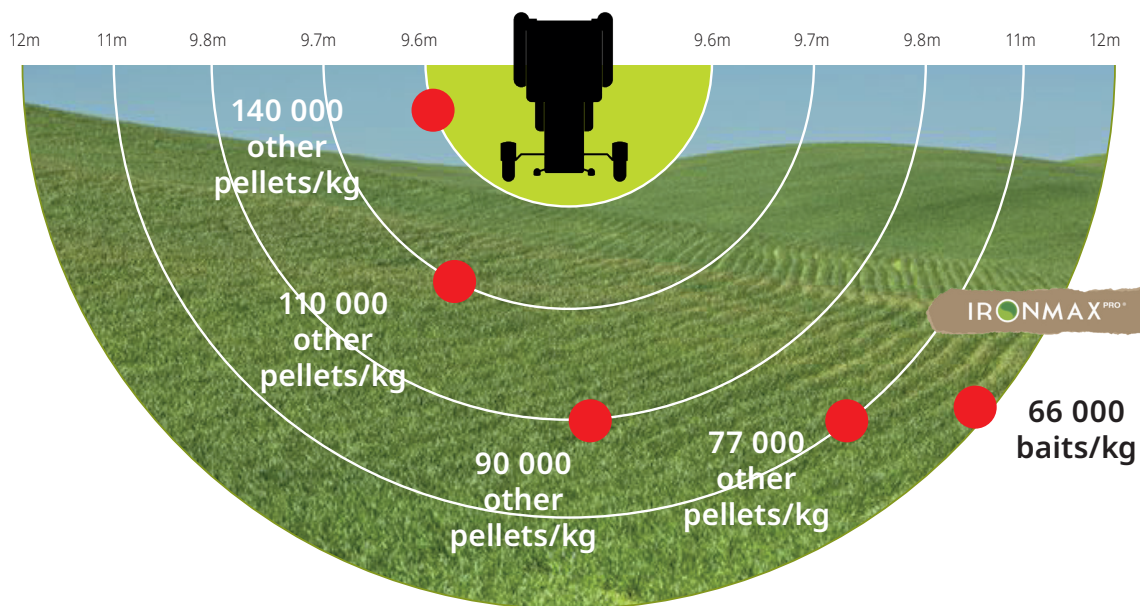


IRONMAX^{PRO} protects crops from slug and snail damage. IRONMAX^{PRO} baits remain available to attract and kill more slugs and snails, thereby protecting the crop for longer.

BETTER SPREADABILITY

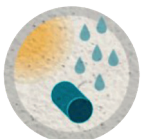


SIZE MATTERS: Larger pellets have greater mass and therefore, greater energy that can be imparted to propel it, reasoning to why larger pellets spread better. For a uniform spread a pellet needs to have adequate spread and consistent density.



IRONMAX^{PRO} spreads better and wider: even calibration, no dust, low breakage, high unit mass and density.

BETTER PERSISTENCE



Efficient and effective control requires using a pellet designed to last several weeks. Due to the unique formulation and manufacturing process IRONMAX^{PRO} pellets have excellent rainfastness.

Rainfastness and spreadability depend directly on bait weight, and when the size is smaller, the duration on to the soil and the width of applications decrease.

GETTING THE BEST FROM IRONMAX^{PRO}

BEST PRACTICE RECOMMENDATIONS

- 1 Monitor slug and snail population
- 2 Broadcast early
- 3 Broadcast / apply carefully and evenly
- 4 Choose the right rates

Where the pest pressure is heavy, it may be necessary to repeat the application. Best results are achieved by application during mild damp weather when slugs and snails are most active. Slugs need to be active to come into contact with the bait. Spread baits evenly using an appropriate applicator. DO NOT place in heaps. Clean up any spilled baits.



TIMING

Apply baits when crops are most vulnerable. For broad-acre crops, start when moisture triggers slug and snail activity in autumn or spring. Best results are achieved by applying just before or at crop emergence where crops are being sown. For transplants apply at time of transplanting. See your distributor for further advice.

DIRECTIONS FOR USE:

CROP/SITUATION	PESTS	RATE	CRITICAL COMMENTS
Agricultural Crops Including cereals, oilseeds, pulses, pastures (established and seedling), brassicas, crop boundaries, bare ground (including broad-acre pre-emergent, pasture pre-establishment). Horticultural Crops Including vegetables, fruits (including grapevines and citrus orchards), berry crops, ornamentals. Other Public authority and industrial areas, roadsides, turf and other situations where slugs and snails congregate.	Slugs and snails	5-7 kg/ha	Broadcast evenly over the surface of the ground where slugs and snails are active. For most infestations, use the lower rate. For moderate to high infestations, use a high rate. Re-apply every 10-14 days or when pellets have disappeared. When applying to crops, ensure pellets do not become lodged in plant foliage

ANIMAL SAFETY

Low risk to pets and wildlife.

If your pet eats IRONMAX^{PRO}, contact your veterinary surgeon immediately, as the consumption of large quantities may be toxic. The active ingredient in this product is ferric phosphate.



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