

FASTER KILL - SUPER POTENT!

MUSKIL[®]

SOFT BAIT

FLUO-NP[™]

UV TRACKING TECHNOLOGY



WITH TWO ACTIVES FOR FASTER KILL OF RATS & MICE

**KILLS RATS AND MICE
FASTER THAN OTHER
RODENTICIDES!**

**HIGHER MOISTURE
CONTENT CREATES
INCREASED PALATABILITY**

**FIRST RODENTICIDE IN
AUSTRALIA TO INCLUDE
FLUORESCENT TRACKING**

ENSYSTEX[™]
THE INNOVATORS

MUSKIL[®]

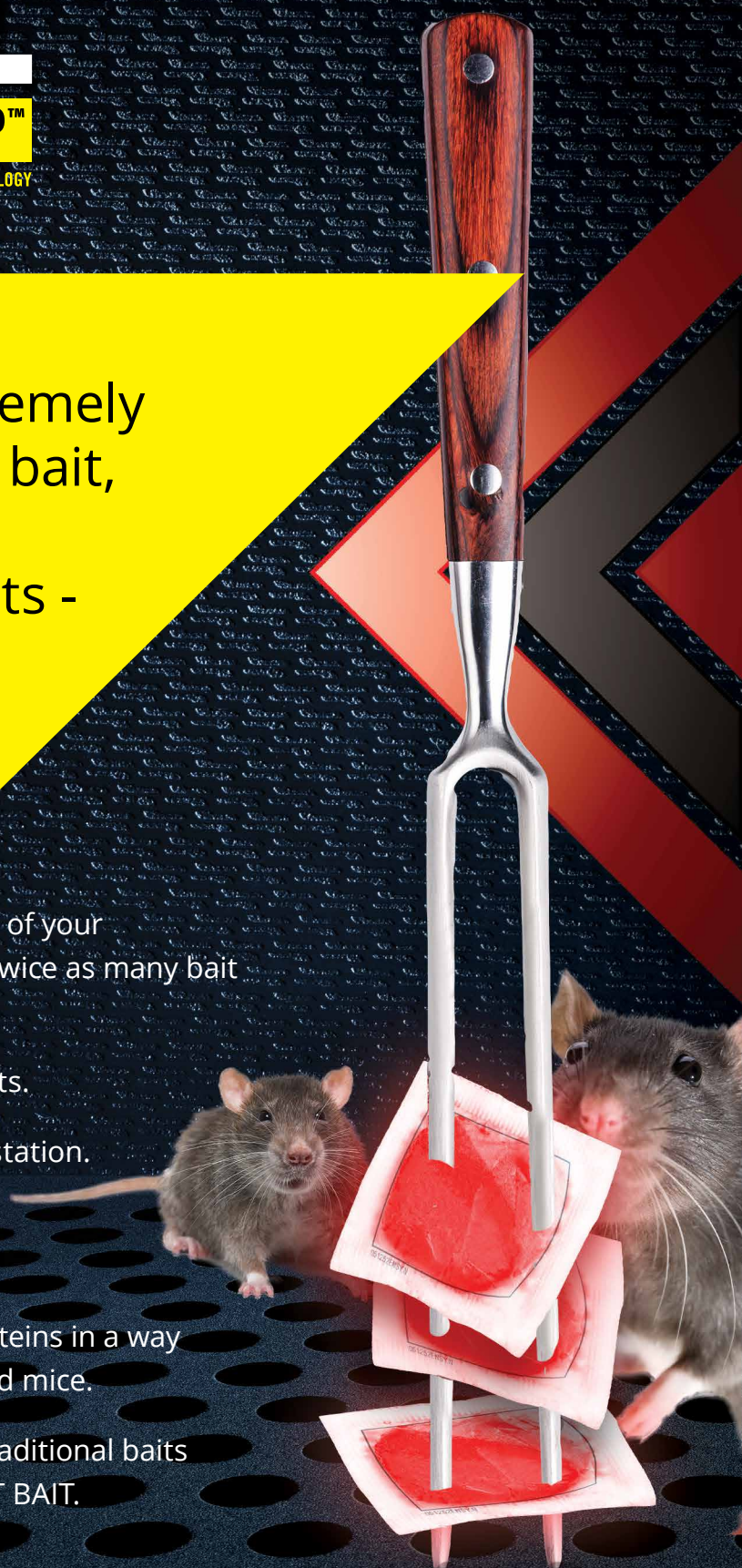
SOFT BAIT

FLUO-NP™

UV TRACKING TECHNOLOGY

An economical and extremely potent 10 g moist pasta bait, produced to be more palatable than block baits - killing rodents faster.

- ▶ Small 10 g sachets help reduce the costs of your management programs, allowing up to twice as many bait placements as other products.
- ▶ One sachet is enough to kill up to five rats.
- ▶ Sachets can be placed on rods in a bait station.
- ▶ Porous teabag sachet allows the release of aromatics to lure rodents effectively.
- ▶ Combines vegetable fats, grains and proteins in a way that is exceptionally attractive to rats and mice.
- ▶ Much lower neophobic response than traditional baits ensures fast acceptance of MUSKIL SOFT BAIT.
- ▶ Two actives for faster speed of kill:
0.025 g/kg difenacoum, 0.025 g/kg bromadiolone.



MUSKIL blends two different Second Generation Anticoagulant Rodenticides (SGARs), difenacoum and bromadiolone, together to create a rodenticide that outperforms other products in the market in terms of speed of kill and reduced risk.

POWER FROM SYNERGY

The two actives combine together to create a synergistic effect with each dynamically intensifying the effects of the other, to create a more potent solution than either alone, yet at the same time achieving reduced risk to people and pets.

FASTER KILL

MUSKIL outperforms the leading rodenticides in the market in terms of speed of kill. In independent laboratory trials, MUSKIL achieved 100% mortality against both anti-coagulant resistant and susceptible strains of mice and rats, faster than any other anti-coagulant product.

IRRESISTIBLE

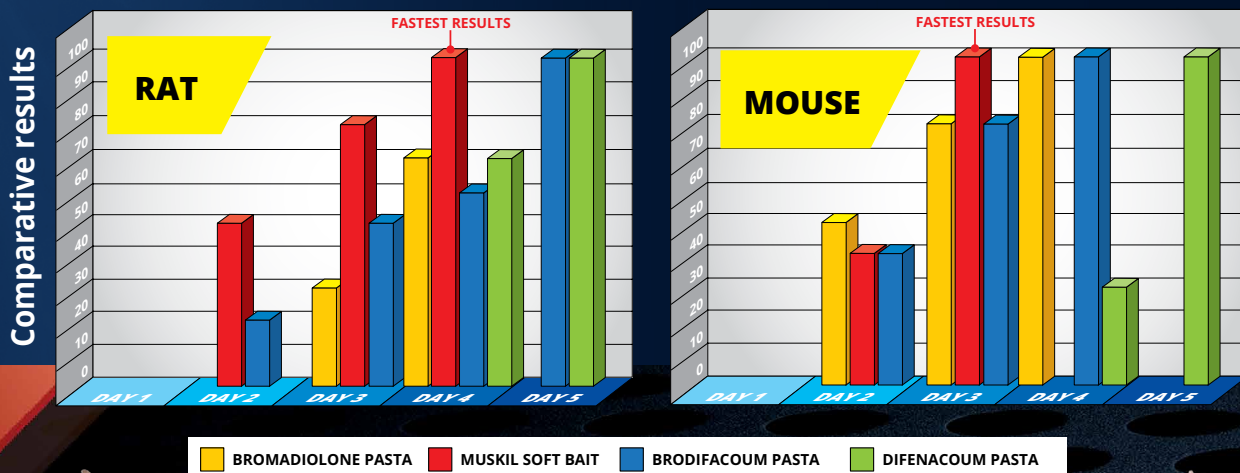
The MUSKIL recipe uses high quality aromatic ingredients to entice rodents to the bait coupled with high grade proteins to ensure optimal feeding. This fast-acting, moist pasta-based bait is irresistible to rodents. A single edible sachets allows the release of the carefully selected aromas which draw rodents to the bait. They then readily feed on the high protein bait which provides both a high quality food source, and moisture.

COST EFFICIENT

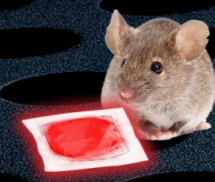
Our 9 kg bucket contains 900 sachets. Each feed acts extremely quickly and is lethal to every rodent, every time, making MUSKIL the most potent anti-coagulant rodenticide on the Australian market. MUSKIL SOFT BAIT is the obvious choice for fast, cost-effective rodent control.

MUSKIL Kills Rodents Faster

Laboratory trials data comparing the speed of kill of MUSKIL with three Second Generation Anticoagulant Rodenticides against rats (*Rattus norvegicus*) and mice (*Mus musculus*)



(Study Report 2010/292)





FIELD TRIALS

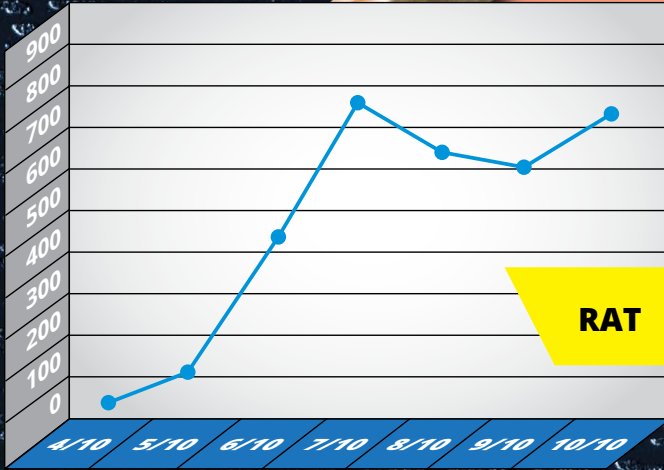
RAT

MOUSE

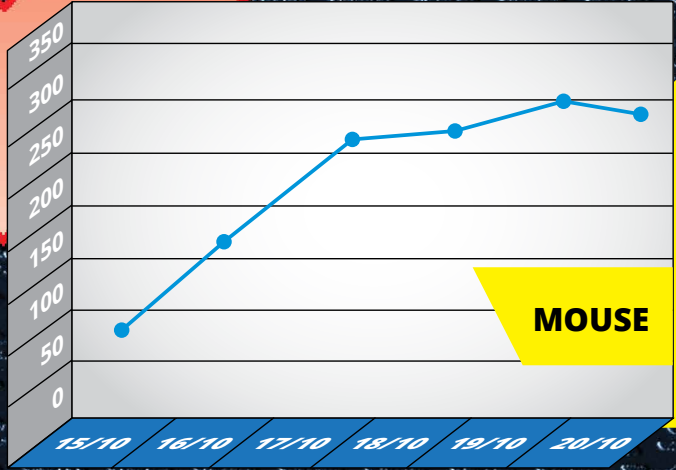
PRE TREATMENT CENSUS : Daily placebo bait-take (grams)

Note the initial slow uptake of the bait due to the natural neophobic behaviour (bait-shyness) of rodents.

PLACEBO BAITSTAKEN (g)



RAT

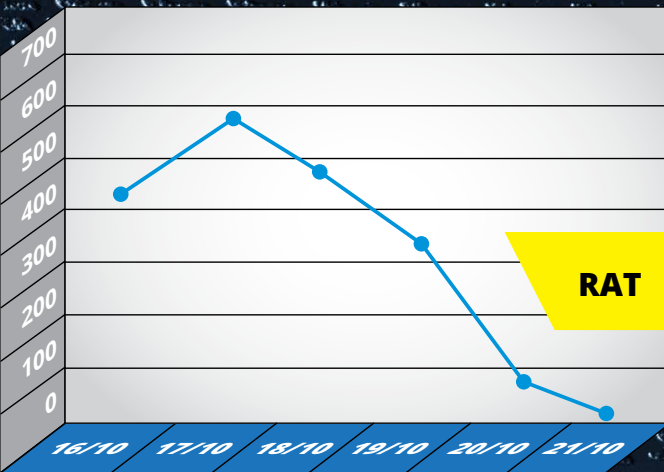


MOUSE

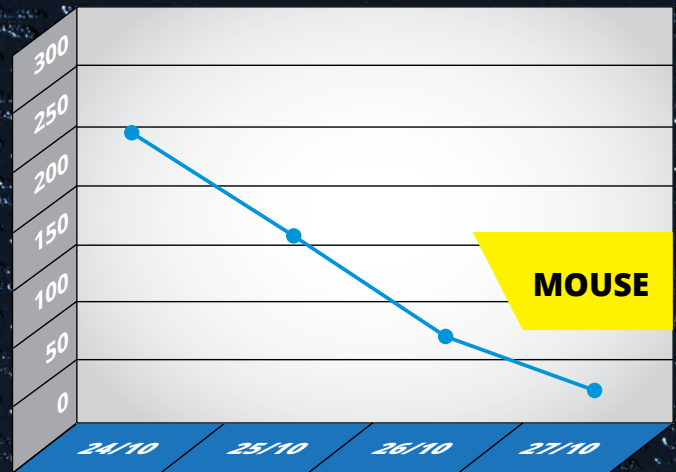
MUSKIL BAITING PHASE : Daily poisoned bait-take (grams)

Note the rodents immediately choose to feed on MUSKIL. Bait uptake then rapidly declines as the rodents are quickly killed. There is no evidence of neophobia (bait-shyness).

POISON BAITSTAKEN (g)



RAT

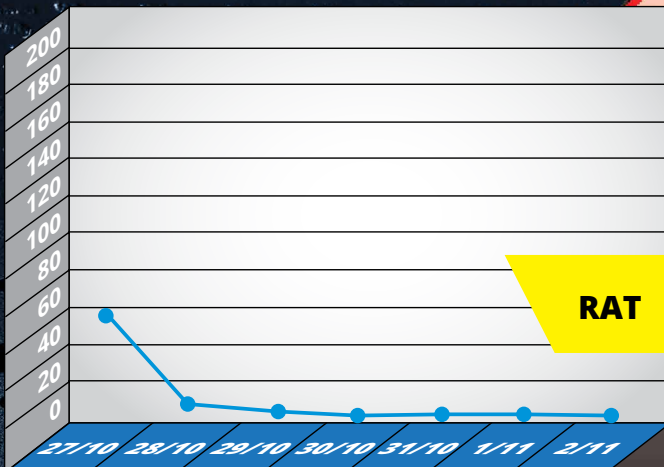


MOUSE

POST-TREATMENT CENSUS : Daily placebo bait-take (grams)

MUSKIL effectively kills all the rats and mice!

PLACEBO BAITSTAKEN (g)



RAT



MOUSE

FASTER KILL!

MUSKIL[®]
SOFT BAIT **FLUO-NP**[™]
UV TRACKING TECHNOLOGY

Numerous field trials and commercial results have proven that MUSKIL can defeat bait shyness. The trial results presented to the left demonstrate how rodents start feeding on MUSKIL right away.

FLUO-NP[™] UV TRACKING TECHNOLOGY

MUSKIL's FLUO-NP Technology is an abbreviation of Fluorescent No Phobia. The No Phobia aspect is in reference to how MUSKIL overcomes the rodent's natural neophobia, which relates to the commonly observed behaviour of bait shyness, where rodents are reticent to feed on a bait.

FLUO-NP contributes to the primary bait acceptance of MUSKIL, thereafter, the formulated ingredients enhance the palatability.

FLUO-NP[™] TRICKS RODENTS TO DEFEAT BAIT SHYNESS



MUSKIL defeats bait shyness (Neophobia) by employing fluorescent colour emission technology. MUSKIL uses a fluorescent red dye that absorbs ultraviolet (UV) light.

Unlike humans, and many other mammals, rodents only have two visual receptors, one responds to short wavelength light rays, i.e. light in the UV spectrum and the other to medium wavelength light rays. Thus rodents do not have full colour vision.

By adding a fluorescent colour dye that absorbs light in the UV range, rodents identify the bait as something that other members of their clan have already inspected or encountered. This means we 'trick' them into seeing the MUSKIL as being safe and non-hazardous. Hence reduced Neophobia, less bait shyness and increased bait attractiveness.

TRACKING AND CLEAN-UP IS NOW MUCH EASIER

BETTER IPM

MUSKIL's innovative FLUO-NP Technology provides for traceability of ingested bait allowing for better tracking of rodent movements and runs. This is because the non-toxic FLUO-NP dye is excreted into the rodent's droppings. So when you shine a UV Tracking Light onto the droppings, they will glow red, confirming the rodents have consumed MUSKIL.

BETTER PRODUCT STEWARDSHIP

FLUO-NP Technology also allows you to better observe contamination in sensitive areas, since rodent droppings and spilt bait are more easily found. This enables better cleaning of contaminated sensitive areas.

MUSKIL represents a generational breakthrough in rodenticide technology.

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REDUCED RISK TO PETS

One of the most remarkable attributes of MUSKIL is that whilst displaying faster kill of rodents, it displays a lower toxicology profile against non-target animals including family pets, when compared to most other rodenticide baits.



Grams of bait required to reach the LD₅₀ value for a 10 kg dog*

| Product/Active | grams of bait | No. of 10 g sachets |
|----------------|---------------|---------------------|
| Flocoumafen | 15 g | 1.5 |
| Brodifacoum | 52 g | 5 |
| Bromadiolone | 2,000 g | 100 |
| Difethialone | 1,600 g | 160 |
| MUSKIL | 3,300 g | 330 |
| Difenacoum | 10,000 g | 1000 |

* The Pesticide Manual, British Crop Protection Council (BCPC).

Call 13 35 36
www.ensystex.com.au

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