

PROFESSIONAL PEST MANAGEMENT

COST EFFECTIVE. RESISTANCE BREAKING.

A cost effective portfolio of rodenticide products delivering outstanding performance including control of resistant populations.



syngenta.



Talon® portfolio

Talon® is a highly-effective and versatile portfolio of rodenticides for professionals. Incorporating the potency of brodifacoum in a range of high-quality baits, Talon also controls resistant rodent populations, delivering exceptional results, every time.

- ▶ Only a single feed is required to kill ALL rats and mice
- ▶ Controls all anticoagulant-resistant rodents
- ▶ Requires less bait and less labour than most rodenticides
- ▶ A range of high quality baits for every situation

Talon Waxblocks

Talon Waxblocks are manufactured with a fine particle matrix of ground high quality cereal grain, cast in moulds with even distribution of the active and the bait. This allows greater durability than conventional compression moulded blocks, which typically contain large cereal grain particles.

Attractive to rodents, the high palatability encourages sufficient consumption for the single-feed kill.

Talon Waxblocks (20g) are ideal for use in baiting rodent burrows, buildings, grain/food stores and in wet conditions, such as sewers and drains. The central hole in each block allows them to be easily secured in baiting stations and prevents rodents carrying them away.

The smaller 5g block uses the same superior formulation but allows the professional to achieve a higher bait point density when necessary.

- ▶ **Highly durable**
- ▶ **Enormously versatile**
- ▶ **Easy to use**



Talon Pellets

Talon Pellets are extremely palatable with outstanding results in field trials and in the laboratory. They are suited to use in both urban and rural situations and are ideal for use by the food industry and in most domestic, public and commercial premises. Talon Pellets are best laid in bait trays and bait boxes in dry situations and environmentally-stable conditions.

- ▶ **Highly palatable**
- ▶ **Allows multiple baiting points**
- ▶ **Suited to urban and rural use**



Talon Soft

Talon Soft is available in a 300g tube and is a paste-like formulation delivered via a standard caulking gun. This allows quick, precise application and greatly reduces the time needed to clean out partly-consumed bait from the bait point. It remains palatable in a variety of temperatures and environments and is ideal for sensitive areas, such as food processing or storage areas.

- ▶ **Quick to apply**
- ▶ **No need for bait replacement**
- ▶ **Highly palatable**



All Talon formulations contain the taste deterrent "BITREX" to help prevent accidental human consumption. Bitrex has no adverse effect on rodent palatability.

Minimising rodenticide use

Repeated farm trials on resistant rats (Y139C mutation on the VKORC1 gene) have shown that the greater efficacy of Talon requires less bait to achieve a higher level of control, compared to other anticoagulant rodenticides.

Not only does this mean Talon is best in class in terms of efficacy, but lower quantities of bait minimizes the exposure to non-target organisms.

Product	Bait consumed pre-treatme (kg)	Bait consumed in treatment (kg)	Estimated efficacy (%)	Comparison with bromadiolone		Comparison with difenacoum	
				% reduction in bait requirement	% improvement in efficacy	% reduction in bait requirement	% improvement in efficacy
Bromadiolone <small>(average of four trials)</small>	2.7	29.3	40			+61%	-33%
Difenacoum <small>(average of two published trials)</small>	4.25	18.15	73	-38%	+33%		
Talon® <small>(average of two published trials)</small>	2.3	2.75	100	-91%	+60%	-85%	+27%

In this series of trials, Talon delivered outstanding results requiring less bait than both both bromadiolone and difenacoum formulations to achieve greater control.

Lower bait consumption reduces the overall cost of control, including:

- ▶ **Quicker filling of bait stations**
- ▶ **Extended intervals between bait refilling**
- ▶ **Reduced product cost to complete control**

Unreliable results and the need for repeated treatments with some rodenticides means costs can continue to escalate — whilst the losses from damage and spoilage continue to accrue. With the reliability of Talon, the cost of rodent control can be effectively managed.



How to use Talon

Talon baits should be applied as soon as signs of rodents are seen as delays in treatment will allow the problem to become harder to deal with. Any subsequent eradication programme will take longer and involve greater costs as well as incurring further rodent damage. The single-feed solution of Talon can quickly and effectively remove existing rodent populations. Talon baits can be used in appropriately placed bait stations to preventatively to stop infestations becoming established.

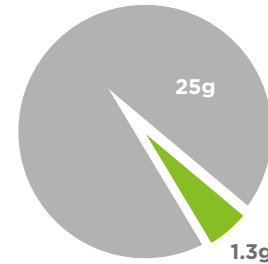
Pulsed Baiting: Efficient control of all rodents

Talon will kill rodents after a single feed of only a few grams of bait. However, because it takes a few days to take effect and the bait is highly palatable, rodents will continue to eat available bait until they die. For the most cost effective control programme and to reduce the overall use of Talon, the “pulsed baiting” technique is recommended. This technique is particularly useful in agricultural situations.

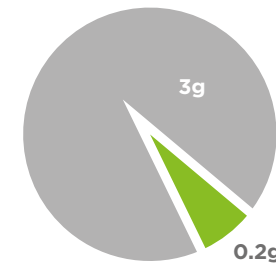
In this process, small quantities of bait are put out at weekly intervals. The bait at the first application, or “pulse”, may be completely consumed by rodents but is not immediately replenished – instead, rodents that took the initial bait are given time to die. Only when this has happened, is more bait put out for rodents that did not eat at the first pulse. This process is repeated until there are no further sign of rodent activity. Normally, two or three pulses would prove to be sufficient.

The type of Talon bait selected should be appropriate to the situation and baiting techniques being used. Please read product label for detailed instructions.

Brown rat



Common mouse



Talon® is a single-feed rodenticide. It takes just 5-10% of a typical daily feed intake to consume sufficient active ingredient to kill:
LD50: 1.3 g for a 250gr rat and LD50: 0.2 g for a 25gr mouse.

Responsible rodenticide use

Syngenta recognises the need to address concerns surrounding the use of rodenticides and is a founder of the Campaign for Responsible Rodenticide Use (CRRU). The campaign outlines good practice in the responsible use of rodenticides to minimise the exposure of wildlife.

For further details on CRRU see www.thinkwildlife.org.uk

Reliable

Only a single feed is required to kill all rats and mice.

Resistance breaker

Controls all anticoagulant-resistant rodents.

Maximum value

Requires less bait and less labour than most rodenticides.

Versatile

A range of high quality baits for every situation.



FOR LIFE UNINTERRUPTED™



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