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**TREATMENT
GUIDE**

**PROTECTION OF
PIGGERIES**
against rodent infestation



Your local reseller

Guide developed by the Technical Service and Development of
De Sangosse Australia

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THE PESTS

Rats and mice have specific characteristics. By identifying the correct species of rodents present on site, you can select the right rodent control products and the best strategy to insure maximum efficacy of the treatment.

ROOF RAT (Black rat / Ship rat)



KEY FEATURES

Body : 15-20cm • **Tail** : longer than the head + body length (different from Norway rat) • **Ears** round and big

INFESTATION INDICATORS

Droppings shaped like « water drops » cylindrical, 1cm long, very dry, black • **Footprints** and tail prints on dust • **Damages** : electrical wires, stored food and gnaw marks.



BEHAVIOUR

Nest **high up** inside buildings, in roof tops, attics, grain storage areas • Does not burrow but build **nests**. **Highly wary and neophobic** • **Food diet**: Fruits, nuts, grain, meat
Requires small amount of water

NORWAY RAT (Brown rat / Sewer rat)



KEY FEATURES

Body : 20-25cm • **Tail** : shorter than the head + body length (different from Roof rat) • **Ears** small

INFESTATION INDICATORS

Droppings shaped like « olive pits », 1.5cm long. Smell of **urine** • Bare tracks in vegetation and burrows • **Damages** : crop damages, electrical wires, gnaw marks, eats and contaminates foodstuffs.



BEHAVIOUR

Lives in humid and dark areas, **water banks**, sewers. **Burrows in embankments and fields** • **Food diet**: Cereals & grain, meat
Requires constant supply of water. • Hoards foodstuffs

MICE



KEY FEATURES

Body : 6-10cm • **Tail** : longer than the head + body length
Ears : big, pointy

INFESTATION INDICATORS

• **Droppings** shaped like « rice grain », 0.5cm long. Scattered, brown in colour.
• **Urine** very distinctive smell
• **Damages** : crop damages, electrical wires, insulation, eat and contaminates foodstuffs.



BEHAVIOUR

Lives in farms, houses and grain storage. In crops, with conducive conditions population can explode rapidly. **Builds nest and lives in colony**. Can also dig burrows (especially in crops) • **Curious, not wary**
Food diet: Omnivorous, chews on all materials and removes husks from grains.

RECOMMENDED PRODUCTS

ROOF RAT
(Black Rat)

NORWAY RAT
(Brown rat)

MICE

PRODUCTS KEY BENEFITS

IN AND AROUND BUILDINGS



GENERATION BLUE® SOFT BAIT

5kg - Product code: GENBLUE-SB-5500
1.5kg - Product code: GENBLUE-SB-1500
480g - Product code: GENBLUE-SB-480

Difethialone - 25mg/kg



Using food grade ingredients and vegetable oil. Sachet allows aroma to escape
Highest attractiveness and palatability
QUICK KNOCK DOWN with small dose
No genetic resistance globally



GENERATION BLUE® BLOCKS

7.5kg - Product code: GENBLUE-BL-7500
1.2kg - Product code: GENBLUE-BL-1200

Difethialone - 25mg/kg



Extended protection
Strong attractiveness
Ideal for damp environment
Best efficacy on Roof rats
Central hole for easy securing.



BROMAKIL GRAIN

15kg - Product code: 200282
4kg - Product code: 200295
2kg - Product code: 200283
500g - Product code: 200287

Bromadiolone - 50mg/kg



Highly palatable cracked grain
Does not germinate
Ideal in environment with high food competition like grain storage facilities sheds, farm, etc.



BROMAKIL PELLET

3.4kg - Product code: 200296
10kg - Product code: 200288

Bromadiolone - 50mg/kg



Single feed pelletised bait. Can be used in burrows.
Great efficacy on Norway rats
Ideal under floor spaces and in dry areas

IN AND AROUND BUILDINGS - DRY CONDITIONS



BROMAKIL SUPER RAT DRINK

500ml - Product code: 200284
5L - Product code: 200286

Bromadiolone - 50mg/kg



Concentrated liquid bait
Very effective during summer months
Ideal in dry environment and where rats rejected other baits

SECURING BAITS



GENERATION TUNNEL STATION

Product code: GEN-TUN-ST



GENERATION RAT STATION

Product code: GEN-RAT-ST



GENERATION® MOUSE STATION

Product code: GEN-MOU-ST



Quick opening and closing system

PROTECTION
Safe for users and non-target species

PROTECTION
Bait is effectively protected from harsh weather conditions, dust and temperature variations...

STURDINESS
Stations are durable, cleanable and re-usable

Always read label before use.

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Recommendations for heavy infestations

The right product in the right place !

Bait station locations are for guidance

(always read the label and product information before use)

LEGEND

RODENTS ACTIVITY INDICATOR

low
average
high

OUR PRODUCTS

- GENERATION BLUE SOFT BAITS
- GENERATION BLUE BLOCKS
- BROMAKIL GRAINS
- BROMAKIL PELLETS
- BROMAKIL DRINK

RATES

- Mice**
- 3 to 5 sachets (10g) per bait station
 - 25 to 50g of grain per bait station
- Rats**
- 10 to 20 sachets (10g) per bait station
 - 100 to 200g of grain per bait station
 - 10-15 blocks (15g) per bait station

BAIT STATIONS

TAMPER RESISTANT BAIT STATIONS

In case of high infestations

Mouse bait stations

Every 1 to 1.5 m

Rat bait stations

Every 4 to 5 m

ELECTRICAL CABINET

FEEDER

Around	Roof Rat	Low	Grain, Pellets
	Norway Rat	High	Grain, Blocks, Drink
	Mice	Low	Grain
Indoor	Roof Rat	High	Grain, Drink
	Norway Rat	High	Grain, Blocks, Drink
	Mice	High	Grain

DRY SOW/GILT

Around	Roof Rat	Low	Grain, Pellets
	Norway Rat	High	Grain, Blocks, Drink
	Mice	Low	Grain
Indoor	Roof Rat	High	Grain, Drink
	Norway Rat	High	Grain, Blocks, Drink
	Mice	High	Grain

WEANERS

Around	Roof Rat	Low	Grain, Pellets
	Norway Rat	High	Grain, Blocks, Drink
	Mice	Low	Grain
Indoor	Roof Rat	High	Grain, Drink
	Norway Rat	High	Grain, Blocks, Drink
	Mice	High	Grain

FARROWING

Around	Roof Rat	Low	Grain, Pellets
	Norway Rat	High	Grain, Blocks, Drink
	Mice	Low	Grain
Indoor	Roof Rat	High	Grain, Drink
	Norway Rat	High	Grain, Blocks, Drink
	Mice	High	Grain

FEEDMILL

Around	Roof Rat	Low	Grain, Pellets
	Norway Rat	High	Grain, Blocks, Drink
	Mice	Low	Grain
Indoor	Roof Rat	High	Grain, Drink
	Norway Rat	High	Grain, Blocks, Drink
	Mice	High	Grain

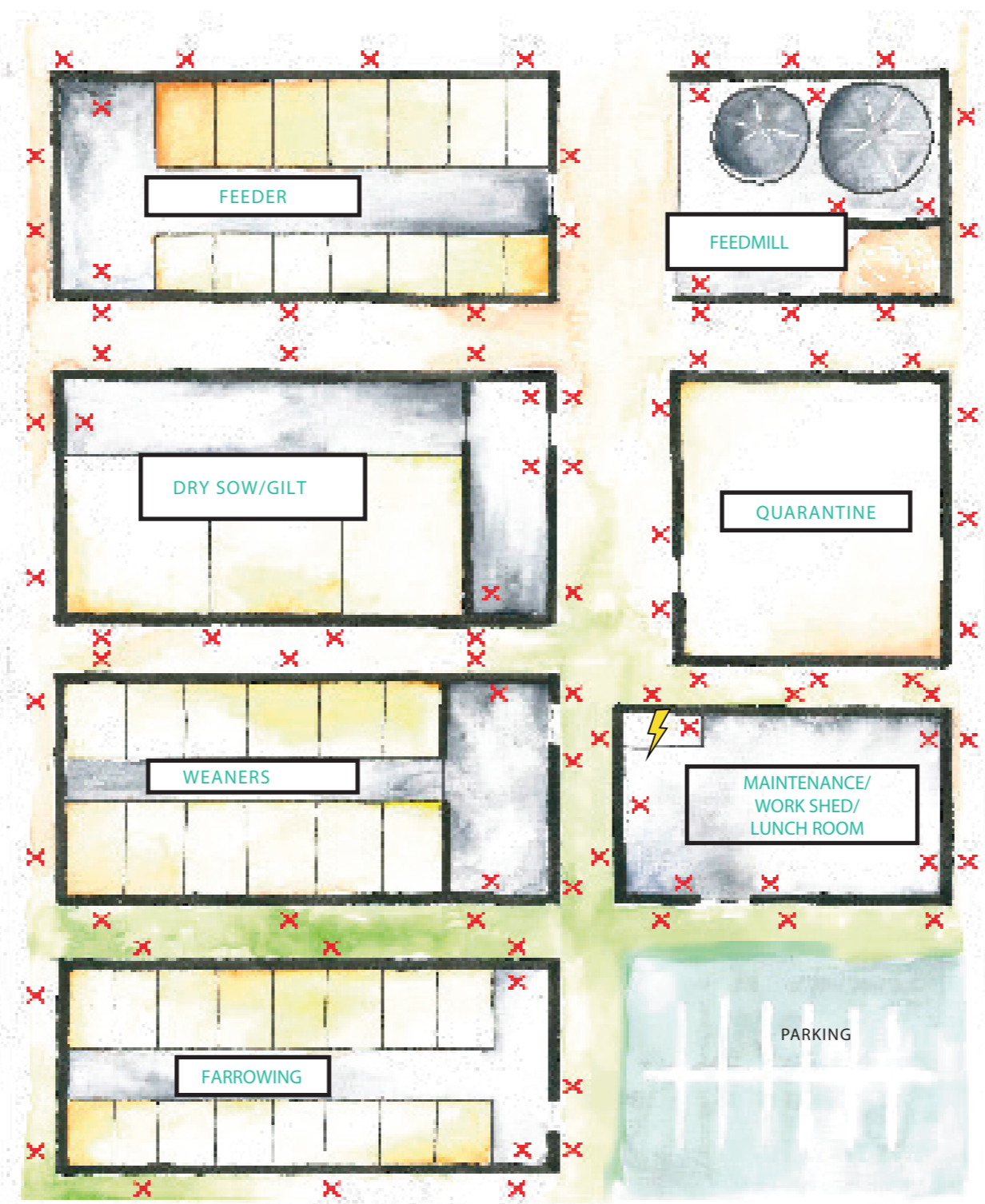
QUARANTINE

Around	Roof Rat	Low	Grain, Drink
	Norway Rat	High	Grain, Blocks, Drink
	Mice	Low	Grain

Indoor
NO TREATMENT

MAINTENANCE/WORK SHED/LUNCH ROOM

Intérieur	Roof Rat	Low	Grain, Blocks
	Norway Rat	Low	Grain, Blocks
	Mice	High	Grain



Apply soft bait sachets in closed and secured electrical cabinet.



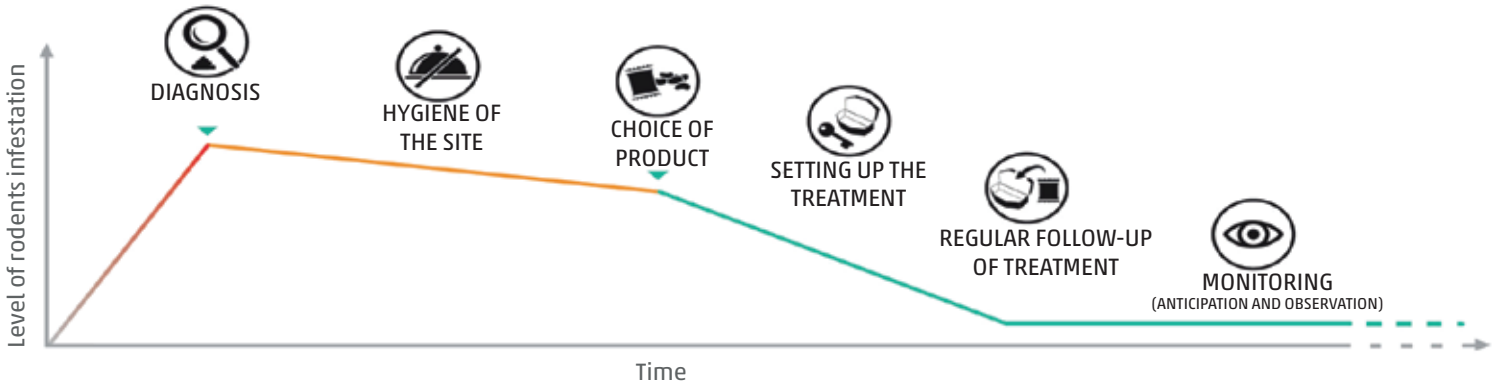
EXPERT ADVICE

- For Roof Rat, we recommend an elevated treatment by fixing the baits as close as possible to signs of presence.
- For Rat, fix the baits in bait station using pins for better efficiency.

In case of ongoing heavy infestations we recommend to seek help from professional pest control operators

KEY STEPS TO EFFICIENT AND SAFE CONTROL

GOOD PRACTICES + GOOD PRODUCT
= SUCCESSFUL TREATMENT



DIAGNOSIS GETTING FAMILIAR WITH THE SITE

- **SITUATIONAL ANALYSIS OF INDOORS AND OUTDOORS AREAS**
- **LOCATE**
 - The most infested areas.
 - Food sources, water points.
 - Rodents' entry points.
- **IDENTIFY RODENT SPECIES**
by investigating signs of activity
- **ASSESS THE EXTENT OF THE INFESTATION**
based upon density of the signs of rodent activity



HYGIENE ON THE SITE PROPHYLACTIC MEASURES

- **REMOVE OR LOCK UP**
all food sources.
- **ELIMINATE COVER AREAS**
trim vegetation 1m from the building, prune the trees, remove pile of debris.
- **REMOVE ANYTHING THAT MAY BE USED AS SHELTER**
- **UNDERTAKE ANY WORKS NECESSARY TO KEEP**
rodents out and prevent them from settling in



PRODUCT CHOICE

- **ACCORDING TO RODENT SPECIES**
- **ACCORDING TO SITE**
- **ACCORDING TO INFESTATION LEVEL**
- **ACCORDING TO REGULATIONS ON SITE**



SETTING UP THE TREATMENT

- **POSITION THE BAITS**
near places showing rodent activity; we recommend **creating a "layer of protection" by placing rodents of baits** around buildings to prevent rodents entry.
In humid areas, position the bait stations so that water doesn't get in to maximise bait longevity.
- **USE ENOUGH BAITS**
Always read labels and inquire about site restrictions beforehand.
- **PLACE THE BAITS** in bait stations for safer control.



REGULAR FOLLOW UP OF TREATMENT

- **INSPECT THE BAIT STATIONS** a few days after the first application, then once a week until the baits are eaten.
- **REFILL THE BAIT STATIONS** with enough bait in line with conditions of use until baits are no longer eaten.
It is essential to ensure that bait is available at all time (the right dose of the right product at the right place) to cover the entire population.
- **REMOVE ANY BAITS** that may have been pulled out from the station by rodents, discard of any empty sachets and dead rodents to limit risk of secondary poisoning.



**ANTICIPATION
AND OBSERVATION**

**TO CONTROL
INFESTATION OR
RE-INFESTATION
EARLY**