

Product information & best practice



Introducing Harmonix® Rodent Paste

Managing complex rodent infestations whilst reducing environmental risks are challenges that pest managers face daily. The performance of the treatment and its success can often be affected by the products capabilities and restrictions.

Harmonix® Rodent Paste contains the active substance cholecalciferol which is highly effective on all target rodent species, with a wide application allowance on the label, rodent treatments no longer have to be compromised.

- **INNOVATION AT ALL LEVELS**

The active substance cholecalciferol is mixed in a unique bait matrix to ensure optimum stability and attractiveness

- **PERFORMANCE IN ALL AREAS**

To be used in multiple situations including; indoors and around buildings, outdoor open areas and waste dumps. Furthermore, direct application of bait into the rodent burrow

- **LESS BAIT, GREAT PERFORMANCE**

The stop feeding effect can reduce the consumption of bait by up to 50%

- **MORE RESPONSIBLE**

From chemistry to packaging to application

- **DYNAMIC IPM**

Only available with the Harmonix® rodent control range



 **HARMONIX®**
Rodent Paste

Best practice

- Like any rodenticide treatment Harmonix® Rodent Paste needs careful consideration when applied. All environmental risks need to be considered
- Harmonix® Rodent Paste has a different mode of action to anticoagulant rodenticides
- Harmonix® Rodent Paste may pose a risk through primary poisoning and can be toxic to some species including cats and dogs
- Always consider non-toxic control measures before treating with a rodenticide e.g. improving hygiene standards, excluding rodent access and improving storage regimes
- Every site is different, and risks should be mitigated for each site and continually evaluated throughout the rodent campaign
- Always carry out a thorough survey to determine size and extent of the rodent infestation
- Harmonix® Rodent Paste has no known resistance, making it a suitable choice if resistance is suspected
- Comply with the product label at all times



Pre-treatment

Survey/Assessments

- Carry out an Environmental Risk Assessment before applying any rodenticide as per the CRRU Code of Best Practice
- Always record findings of any assessment so they can be referred to at a later date
- Continually evaluate during the rodent campaign and ensure any change to conditions or treatment location are noted and reflected in the assessment
- The survey should help evaluate the size and extent of the rodent infestation, it is vital the appropriate amount of Harmonix® Rodent Paste is applied
- Pre-monitoring with Harmonix® Monitoring can also be carried out to evaluate the size and extent of new infestations
- Sites with no current rodent activity may be monitored with non-toxic Harmonix® Monitoring on a permanent basis, this can improve infestation surveys and help overcome neophobia as the rodents have already accepted the bait matrix
- Surveys and assessments should determine risks, baiting locations, methods and follow up regime
- Thoroughly evaluate the risks before applying Harmonix® Rodent Paste paying specific attention to primary poisoning and non-target species. Cholecalciferol can be toxic to some species including cats and dogs



Baiting strategy & the stop feeding effect

- During the treatment it is vital that the appropriate amount of bait is available to the target rodents, this ensures a lethal dose is consumed prior to the stop feeding impact
- The stop feeding effect is due to the mode of action, hypercalcemia. This means that after only a few days of baiting the rodent consumes a lethal dose and stops feeding
- The survey should determine the size and extent of the rodent infestation so the appropriate amount of Harmonix® Rodent Paste can be applied
- Harmonix® Rodent Paste has a wide application allowance on the label, covering burrow baiting, open areas and waste dumps
- Some treatment processes may require frequent follow ups due to location and method of application (e.g. covered baiting points and burrows) to maintain bait levels and help prevent non-target contact
- Follow up procedures should be based on label requirements, environmental assessments and operator knowledge

INFESTATION LEVEL	Rats (<i>R. norvegicus</i> and <i>R. rattus</i>)	Mice (<i>Mus musculus</i>)
LOW TO MODERATE	100-200g per baiting point every 10-20 m	20g per baiting point every 5-20 m
HIGH	100-200g per baiting point every 3-10 m	20g per baiting point every 2-5 m



Applicaiton areas

Harmonix® Rodent Paste is an incredibly flexible product that provides the professional pest controller treatment options in a wide number of scenarios. Harmonix® Rodent Paste is not limited to 'in and around buildings' and has no known resistance making it a good choice if resistance is suspected.

The Harmonix® Rodent Paste label offers professional operators the following treatment options;

- Indoors
- Around buildings
- Open areas
- Waste dumps
- Direct application to rodent burrows
- Covered and protected baiting points
- Within rodent stations
- Permanent baiting

Refer to the product label on conditions of use.



Burrow baiting

- Burrow baiting can avoid neophobic response and improve bait uptake. Applying bait directly into the burrow system removes the likelihood of rodents finding additional food sources
- Burrow baiting should not be routine practice, it should be used when other treatment process have failed or have been discounted after a recorded assessment
- Always place bait as deeply as possible and use vertical burrows where possible to discourage bait ejection
- If possible secure the soft blocks with a wire, fixed to a secure location
- Bait ejection is a possibility so lightly block burrows with soil or stones to help prevent non-target access
- Regular follow up visits will be required to inspect for bait ejection and to remove dead rodent bodies
- Daily visits may be necessary depending on the pest operator's assessment
- Remove remaining bait where possible at the end of the treatment



Burrow baiting

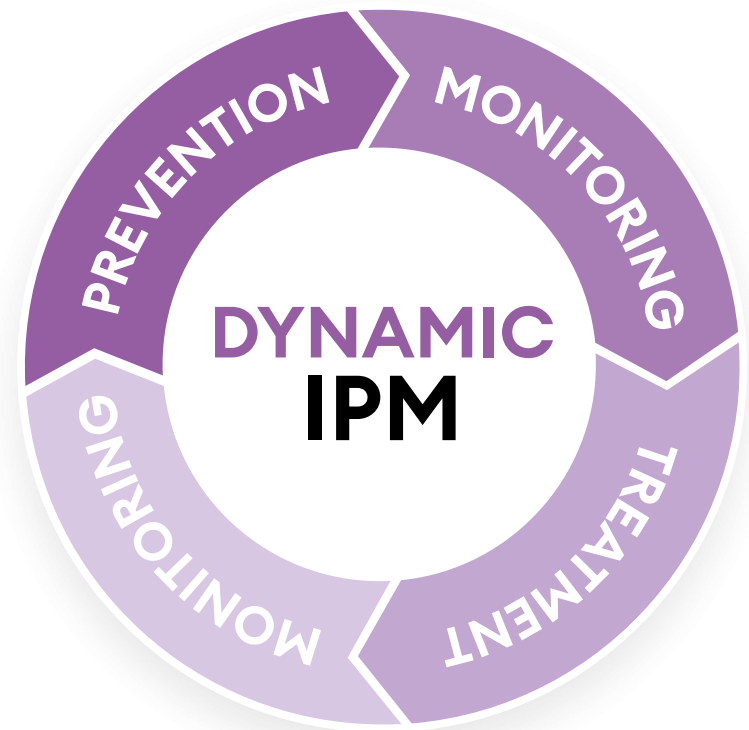
- When burrow baiting always refer to the CRRU Code of Best Practice
- When the product is being used in public areas and rodent stations are not used, the areas treated must be marked during the treatment period and a notice explaining the risk of primary or secondary poisoning, as well as indicating the first measures to be taken in case of poisoning must be made available alongside the baits (refer to the label and safety data sheet for this information)
- Where possible, prior to the treatment, inform any possible bystanders (e.g. users of the treated area and their surroundings) about the rodent control campaign in accordance with the code of best practice



Dynamic IPM

A winning solution

- In order to optimise your rodent management campaign, Envu™ recommend implementing a Dynamic IPM program. Envu™ have unique and exclusive rodent control methods to help pest managers tackle rodent infestations in every environment.
- Harmonix® Monitoring and Harmonix® Rodent Paste contain a similar bait matrix. Therefore, when an infestation has been detected with Harmonix® Monitoring it can easily be changed over to Harmonix® Rodent Paste for swift control.
 - Detect where the infestation is most active with Harmonix® Monitoring
 - Overcome bait shyness utilising the similar bait matrix
 - Increase initial bait consumption and reduce the baiting period
 - Decrease the amount of time that rodenticides are in place



The responsible choice

Change for good



Innovation at all levels



Performance in all areas



Less bait, great performance



More responsible



Dynamic IPM



 **HARMONIX**[®]
Rodent Paste