

**CERTIS METALDEHYDE 3
MAPP 14337**

A pelleted bait formulation containing 3 % w/w metaldehyde for the useful control of slugs and snails and reduction in plant damage in all agricultural and horticultural crops.

20kg

For Batch Number and Manufacturing Date see packaging



THE (COSHH) CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS MAY APPLY TO THE USE OF THIS PRODUCT AT WORK

SAFETY PRECAUTIONS

Operator protection

Engineering control of operator exposure must be used where reasonably practicable in addition to the following personal protective equipment.

WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS) AND SUITABLE PROTECTIVE GLOVES when handling the product, applying by hand or hand-held equipment and when handling contaminated surfaces.

However, engineering controls may replace personal protective equipment if a COSHH assessment shows they provide an equal or higher standard of protection.

WASH HANDS before meals and after work.

Environmental protection

DO NOT CONTAMINATE SURFACE WATERS OR DITCHES with chemical or used container.

DANGEROUS TO GAME, WILD BIRDS AND ANIMALS, all spillages must be buried or removed.

KEEP POULTRY OUT of treated areas for at least 7 days after treatment.

Storage and disposal

KEEP IN ORIGINAL CONTAINER, tightly closed, in a safe place.

EMPTY CONTAINER COMPLETELY and dispose of safely.

| IMPORTANT INFORMATION | | | |
|--|--|---|-----------------------------------|
| FOR USE ONLY AS AN AGRICULTURAL/HORTICULTURAL MOLLUSCICIDE | | | |
| Crops/ situations | Maximum individual dose (kg product/ha) | Maximum total dose (kg product/ha) | Latest time of application |
| All non edible crops (around), amenity grassland, managed amenity turf, natural surfaces not intended to bear vegetation | 11.7 | 23.4 | - |
| All edible crops (around) | 11.7 (except potato and cauliflower) | 23.4 | - |
| Potato | 11.7 | 23.4 | 7 days before harvest |

Other specific restriction:
Applications must not be made to cauliflower.

Poultry must be kept out of treated areas for at least 7 days following application.

The maximum total dose of metaldehyde must not exceed 700 g active substance/ha/year.

READ THE LABEL BEFORE USE. USING THIS PRODUCT IN A MANNER THAT IS INCONSISTENT WITH THE LABEL MAY BE AN OFFENCE. FOLLOW CODE OF PRACTICE FOR USING PLANT PROTECTION PRODUCTS.

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| <p>CERTIS METALDEHYDE 3 A pelleted bait formulation containing 3 % w/w metaldehyde</p> <p>If medical advice is needed, have product container or label at hand. Keep out of reach of children. Do not get in eyes, on skin, or on clothing. Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing.</p> <p>To avoid risks to man and the environment, comply with the instructions for use.</p> |
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PROTECT FROM FROST, store in a dry, cool, frost-free ventilated area.

This label is compliant with the CPA Voluntary Initiative Guidance.



Marketed by:

CERTIS

Suite 5, 3 Riverside, Granta Park, Great Abington, Cambridgeshire, CB21 6AD

Tel: 0044 (0)845 373 0305 Fax: 0044 (0)1223 891210

E-mail: certis@certiseurope.co.uk

For technical and non-emergency calls – phone 0044 (0)1223 894261
For advice on medical emergencies, fires, spillages or chemical hazards
ONLY – phone 0870 190 6777

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CONDITIONS OF SUPPLY: The Seller warrants that the goods shall at the time of delivery to the Buyer conform to the Seller's standard specification but all other conditions and warranties, whether express or implied by statute or custom of the trade or otherwise and whether as to condition, quality, performance, merchantability, fitness for any purpose or otherwise, are expressly excluded and, subject as aforesaid, the Seller shall be under no liability whatsoever, in contract or in tort, for or in respect of any loss or damage whatsoever resulting from or arising out of the goods or supply or use thereof, whether caused by the negligence of the Seller or otherwise. The Seller shall be under no liability in respect of the warranty given above unless the Buyer allows the Seller reasonable opportunity of inspecting the goods where practicable. A consumers statutory rights are not affected.

DIRECTIONS FOR USE

IMPORTANT: This information is approved as part of the Product Label. All instructions within this section must be read carefully in order to obtain safe and successful use of this product.

Restrictions/Warnings

DO NOT apply before heavy rainfall, which may reduce the persistence of the granules. Late application of pellets to broad-leaved plants may result in lodging of the pellets in foliage. Care should be taken to avoid this when making applications to edible crops.

Animal Safety Note - Keep dogs out of field during application. When the applicator stops/starts, ensure no small heaps of pellets from the spouts or spreading mechanism are left on the soil surface because these may be consumed to excess by dogs and other animals. Spillages must be buried or removed.

Control

CERTIS METALDEHYDE 3 CONTROL PROGRAMME

Complete control of slugs/snails is difficult to achieve with any type of molluscicide so some crop loss may occur especially in wet seasons but best control is achieved by a programme of good husbandry and properly timed applications of a pellet bait such as Certis Metaldehyde 3.

STEP 1: GOOD HUSBANDRY

Observe and, where possible, practice the following husbandry to reduce the overall population of slugs and snails.

- Drill cereals as early as possible to avoid attack.
- Remove straw after cereal harvest. Incorporate organic debris deep into the soil.
- Plough or cultivate during dry conditions to reduce the slug population.
- Prepare a fine seedbed with a firm tilth because slugs/snails do not burrow through the ground but make their way down through cracks or openings in the soil.
- Consider additional rolling operations on weathered tilth where the action of the roller will crumble the soil and provide good consolidation.
- If possible, try to avoid drilling susceptible crops in fields at risk. Such fields include those carrying leafy brassicas in the previous year; where heavy straw residues remained after harvest; heavier soils or fields known to carry a high slug/snail population.
- Increase cereal seed rates by 10-20% if heavy damage is anticipated.
- Lift potatoes as soon as they mature because damage can increase rapidly in the autumn.

STEP 2: APPLICATIONS OF CERTIS METALDEHYDE 3

The first application of Certis Metaldehyde 3 is usually made as a preventative measure as specified in the table but, especially in wet seasons, follow-up applications may be required.

To establish the need for pellet application on winter wheat or winter oilseed rape, monitor for slug activity. Where bait traps are used, use a foodstuff attractive to slugs e.g. chicken layers mash which has proven to be particularly effective. DO NOT use slug pellets in traps in these crops since they are a potential hazard to wildlife and pets.

For crops other than winter wheat and winter oilseed rape, assessment by test baiting will indicate when slugs are surface-active and if conditions are suitable for further treatment.

For further information on slug trapping and damage risk assessment, please refer to HGCA Topic Sheets No. 84 (winter wheat) and 85 (winter oilseed rape), available from the HGCA website (www.hgca.com).

Crops

| Crop | Pest | Method of Application | Timing | Rate |
|---------|-------|--|---|------------|
| Cereals | Slugs | Broadcast the pellets as evenly as possible through any suitable granule or fertiliser applicator. | Pre-drilling/emergence: Ideally apply to prepared seed bed and leave 2-4 days before drilling. Otherwise, apply immediately after drilling. Post-emergence: Apply as soon as damage is seen or as indicated by test baiting as detailed above. | 11.7 kg/ha |

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| Brassicas Oilseed rape | Slugs, Snails | Broadcast the pellets as evenly as possible through any suitable granule or fertiliser applicator. | Broadcast evenly over the soil surface shortly after drilling. For cabbage, a later application may be required over the crop to prevent pests entering the hearts or curds. It is important to apply pre-heating to prevent pellets being lodged in the hearts or curds. Varieties of oilseed rape low in glucosinalates can be more acceptable to slugs than "single low" varieties. The efficacy of Certis Metaldehyde 3 to these varieties has not been established. Note: Do not apply to cauliflower. | 11.7 kg/ha |
| Grassland | Slugs, Snails | Broadcast evenly over soil or crop through any suitable granule or fertiliser applicator. | Before drilling/emergence: Ideally apply and leave for 2-4 days before drilling. Failing this, apply just before or after drilling. Post-emergence: Apply as soon as damage is seen even though a pre-emergence application may have been applied. | 11.7 kg/ha |
| Potatoes | Slugs, Snails | Broadcast the pellets evenly over the soil surface through any suitable granule or fertiliser applicator. | Best results are achieved when pests are actively feeding following a period of light rain from mid-July to August. Under conditions where heavy attack is likely to occur, re-apply 2-3 weeks later or sooner if test baiting shows the necessity. | 11.7 kg/ha |
| Other agricultural and horticultural crops and all non edible crops (around) | Slugs, Snails | Broadcast the pellets evenly over the soil surface through any suitable granule or fertiliser applicator. | When slugs and snails are active and preferably before crop damage occurs. | 11.7 kg/ha |
| <p>Note: Late application of pellets to broad-leaved plants may result in lodging of the pellets in foliage. Care should be taken to avoid this when making applications to edible crops</p> | | | | |

The maximum total dose must not exceed 23.4 kg product/ha/year. In high risk situations, where additional treatments against slugs are necessary beyond the permissible 700 g metaldehyde/ha/year total dose, use an alternative slug control product not containing metaldehyde.

COMPANY ADVISORY INFORMATION

Slug pellets are pesticides, keep pesticides out of water

- Use minimum active per hectare to avoid drainage and run-off losses.
- No pellets to be applied within six metres of a watercourse or ditch.
- Maximum single application: 210 g metaldehyde a.s./ha.* For additional protection of water, suppliers / BASIS advisors may recommend rates reduced to 160 g a.s./ha or less.
- Maximum total dose rate from 1st August to 31st December: 210 g metaldehyde a.s./ha*. For additional protection of water, suppliers / BASIS advisors may recommend rates reduced to 160 g a.s./ha or less.
- Maximum total dose rate: 700 g metaldehyde a.s./ha/calendar year.*
- Do not apply when heavy rain is forecast.
- If drains are flowing do not apply metaldehyde based slug pellets.

*from any combination of metaldehyde products