SAFETY PRECAUTIONS

ENVIRONMENTAL PROTECTION
Do not contaminate water with the product or its container. Do not clean application equipment near surface water. Avoid contamination via drains from farmyards and roads.

To protect aquatic organisms, respect an unsprayed buffer zone to surface water bodies in line with LERAP requirements.

DO NOT ALLOW DIRECT SPRAY from broadcast air-assisted sprayers to fall within 10 m of the top of the bank of a static or flowing waterbody, unless a Local Environment Risk Assessment for Pesticides (LERAP) permits a narrower buffer zone, or within 5 m of the top of a ditch which is dry at the time of application. Aim spray away from water.

This product qualifies for inclusion within the Local Environment Risk Assessment for Pesticides (LERAP) scheme. Before each spraying operation from a broadcast air-assisted sprayer, either a LERAP must be carried out in accordance with CRD’s published guidance or the statutory buffer zone must be maintained. The results of the LERAP must be recorded and kept available for three years.

RISK TO NON-TARGET INSECTS OR OTHER ARTHROPODS. See ‘DIRECTIONS FOR USE’.

STORAGE AND DISPOSAL
KEEP IN ORIGINAL CONTAINER tightly closed and in a safe place.
Keep out of reach of children.
Keep away from food, drink and animal feedingstuffs.
This material and its container must be disposed of in a safe way.

RISK AND SAFETY INFORMATION

CORAGEN®
Contains 200 g/l chlorantraniliprole

Very toxic to aquatic life

Very toxic to aquatic life with long lasting effects

Keep out of the reach of children

Read label before use

Do not eat, drink or smoke when using this product.

Collect spillage

Dispose of contents / container to a licensed hazardous waste disposal contractor or collection site except to empty containers which can be disposed of as non-hazardous waste.

Do not contaminate water with the product or its container (Do not clean application equipment near surface water/Avoid contamination via drains from farmyards and roads).

To avoid risks to human health and the environment, comply with the instructions for use.

IMPORTANT INFORMATION

For use only as a professional horticultural insecticide

Crops | Max. single dose | Max. no. of applications at max. single dose | Max. total dose | Latest time of application
---|---|---|---|---
Apples, pears | 175 ml/ha | 2 per year | - | 14 days before harvest

Specific pests controlled:
Codling moth (Cydia pomonella) in apples and pears

Method of application: Tractor mounted sprayer / knapsack

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

Contents: 500 ml
SAFETY PRECAUTIONS

ENVIRONMENTAL PROTECTION
Do not contaminate water with the product or its container. Do not clean application equipment near surface water. Avoid contamination via drains from farmyards and roads.

To protect aquatic organisms, respect an unspayed buffer zone to surface water bodies in line with LERAP requirements

DO NOT ALLOW DIRECT SPRAY from broadcast air-assisted sprayers to fall within 10 m of the top of the bank of a static or flowing waterbody, unless a Local Environment Risk Assessment for Pesticides (LERAP) permits a narrower buffer zone, or within 5 m of the top of a ditch which is dry at the time of application. Aim spray away from water.

This product qualifies for inclusion within the Local Environment Risk Assessment for Pesticides (LERAP) scheme. Before each spraying operation from a broadcast air-assisted sprayer, either a LERAP must be carried out in accordance with CRD’s published guidance or the statutory buffer zone must be maintained. The results of the LERAP must be recorded and kept available for three years.

RISK TO NON-TARGET INSECTS OR OTHER ARTHROPODS. See ‘DIRECTIONS FOR USE’.

STORAGE AND DISPOSAL
KEEP IN ORIGINAL CONTAINER tightly closed and in a safe place
Keep out of reach of children
Keep away from food, drink and animal feedingstuffs
This material and its container must be disposed of in a safe way

RISK AND SAFETY INFORMATION
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Do not contaminate water with the product or its container. (Do not clean application equipment near surface water/Avoid contamination via drains from farmyards and roads)

TO AVOID RISKS TO HUMAN HEALTH AND THE ENVIRONMENT, COMPLY WITH THE INSTRUCTIONS FOR USE.

IMPORTANT INFORMATION
For use only as a professional horticultural insecticide

Crops | Max. single dose | Max. no of applications at max. single dose | Max. total dose | Latest time of application
--- | --- | --- | --- | ---
Apples, pears | 175 ml/ha | 2 per year | - | 14 days before harvest

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

Contents: 500 ml
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

• CORAGEN must not be applied to any crop suffering from stress for example, as a result of drought, waterlogging, low temperatures, disease attack, nutrient or lime deficiency or other factors reducing crop growth.

• To protect bees and pollinating insects do not apply to crops when in flower. Do not use when bees are actively foraging (i.e. apply in the early morning or late evening). Do not apply where other flowering plants are present.

• The best available application technique, which minimises off-target drift should be used to reduce effects on non-target insects or other arthropods

• Consult processor when the product is to be applied to crops grown for processing

INSECT CONTROL

CORAGEN is a Group 28 anthranilic insecticide. Activity is by ingestion and contact. Paralysis of the pest occurs within a few hours of exposure and results in cessation of movement and feeding. Final control can take 2-4 days.

CORAGEN may be used as part of an Integrated Pest Management (IPM) program, which can include biological, cultural, and genetic practices, aimed at preventing economic pest damage. IPM principles and practices include field scouting or other detection methods, correct target pest identification, population monitoring, rotation of insecticides with different modes-of-action, and treating when target pest populations reach locally determined action thresholds. Consult your crop adviser to determine appropriate action treatment threshold levels for treating specific pest/crop or site systems in your area.

Insect resistance

Repeated and exclusive use of CORAGEN or other Insecticides may lead to the development of insect resistant populations. Maintaining the longevity of CORAGEN and all Group 28 products as an effective pest control tool for growers is critical, thus an insecticide resistance management (IRM) strategy should be established in the area of use. CORAGEN should be incorporated into Integrated Pest Management programs that include cultural and biological control practices in association with the IRM guidelines detailed below. Consult your local agricultural authorities or company representative for more details.

If resistance to this product develops in your area, this product and other products with a similar mode of action may not provide adequate control. Development of resistance can be avoided or delayed by alternating products having different modes of action.

The number of applications of CORAGEN is limited to 2 per season.

The following practices are recommended to prevent or delay the development of insecticide resistance to CORAGEN and to Group 28 insecticides:
• Apply CORAGEN or other Group 28 insecticides using a “window” approach to avoid exposure of consecutive insect pest generations to the same mode of action.
• A treatment “window” is defined as the period of residual activity provided by single, multiple, or sequence of product applications with the same mode of action, in an approximate 30 day period.
• Two successive applications of CORAGEN are acceptable if they are used to treat a single insect generation, but are not acceptable to control two consecutive pest generations.
• Following a “window” of CORAGEN™ or other Group 28 insecticide, rotate to a “window” of applications of effective insecticides with a different mode of action.
• The total exposure period of all “Group 28-active windows” applied throughout the crop cycle (from sprouting/seedling to harvest) should not exceed 50% of the crop cycle.
• Avoid using less than labelled rates when applied alone or in tank mixtures.

For additional information on insect resistance monitoring, visit the Insecticide Resistance Action Committee (IRAC) on the web at http://www.irac-online.org

CROPS
Coragen may be applied to the following crops:

Apples and pears

Pests controlled: Codling moth (Cydia pomonella)

Dose: A rate of 175 ml/ha should be used for trees of 3-3.5m height at full canopy density. Where tree height and/or canopy density is reduced, the dose (and water volume) should be adjusted in accordance with an appropriate dose adjustment scheme, for example PACE. Consult your specialist advisor for further information. Further information on the PACE scheme is available from AHDB or see AHDB leaflet available at CRD’s website. [http://www.pesticides.gov.uk/uploadedfiles/HDC_TreeFruitDosingleaflet.pdf]
CORAGEN should be applied in 200-1500l/ha of water to ensure good crop cover.

Timing: For best fruit protection apply during egg-laying at the ‘ovicide’ timing, before egg-hatch and fruit penetrations occur. CORAGEN should be applied in alternation with other insecticides with a different mode of action. Apply no more than two applications of CORAGEN per year, at a minimum interval of 14 days in case of sequential applications.

MIXING
Before using CORAGEN, make sure that the spraying equipment is clean. CORAGEN mixes easily with water, but the following mixing procedure should be followed:
Quarter fill the spray tank with clean water, start the agitation and add the required quantity of CORAGEN directly to the tank. Continue agitation while topping up the tank and while spraying.
SPRAY TANK CLEAN-OUT
Immediately after application, completely drain spray equipment. Thoroughly rinse sprayer and flush the hoses, boom and nozzles with clean water. Loosen and physically remove visible deposits. Remove and clean nozzles, screens and strainers. Flush the entire system with clean water. Take all necessary safety precautions when cleaning equipment. Do not clean near wells or water sources. Consult label tank cleanup procedures for all tank mix partners and be sure to use the most rigorous procedure recommended.

NOTICE TO BUYER
All goods supplied by us are of a high grade and we believe them to be suitable for any purpose for which we expressly supply them, but as we cannot exercise control over their mixing or use, all conditions and warranties, statutory or otherwise, as to the quality or fitness for any purpose of our goods are excluded and no responsibility will be accepted by us for any damage or injury whatsoever arising from their storage, handling, application or use.