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Re-evaluation Decision

RVD2022-09

Ancymidol and Its Associated End-use Products

Final Decision

(publié aussi en français)

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Re-evaluation decision for ancymidol and associated end-use products

Under the authority of the *Pest Control Products Act*, all registered pesticides must be regularly re-evaluated by Health Canada's Pest Management Regulatory Agency (PMRA) to ensure that they continue to meet health and environmental safety standards and continue to have value. The re-evaluation considers information from various sources such as data and information from pesticide manufacturers and other regulatory agencies, as well as comments received during public consultations. Health Canada applies internationally accepted risk assessment methods as well as risk management approaches and policies.

Ancymidol is a plant growth regulator, used for height control of container-grown lilies, poinsettias and chrysanthemums. It reduces internode elongation resulting in more desirable compact plants through inhibition of gibberellins production within plants. Ancymidol is used with application limited to soil drench to ornamental plants grown in pots and the mechanical planting of treated seeds in pots. Currently registered products containing ancymidol can be found in the [Pesticide Product Information Database and](#) are listed in Appendix I.

This document presents the final regulatory decision¹ for the re-evaluation of ancymidol. All pest control products containing ancymidol that are registered in Canada are subject to this re-evaluation decision. Prior to finalizing this decision, Health Canada published the Proposed Re-evaluation Decision PRVD2021-10, *Ancymidol and Its Associated End-use Products*,² for 90-day consultation.

No comments were received during the consultation period. Therefore, this decision is consistent with the proposed re-evaluation decision stated in PRVD2021-10.

A reference list of all data used as the basis for the re-evaluation decision is included in PRVD2021-10.

Regulatory decision for ancymidol and its associated end-use products

Health Canada has completed the re-evaluation for ancymidol. Under the authority of the *Pest Control Products Act*, Health Canada has determined that continued registration of products containing ancymidol is acceptable. Following a scientific review of the available information, Health Canada has determined that the health and environmental risks and the value of ancymidol continue to be acceptable provided that the required mitigation measures are implemented. Label amendments, as summarized below and listed in Appendix II, are required.

¹ "Decision statement" as required by subsection 28(5) of the *Pest Control Products Act*.

² "Consultation statement" as required by subsection 28(2) of the *Pest Control Products Act*.

Risk mitigation measures

Registered pesticide product labels include specific directions for use. Directions must be followed by law and include risk mitigation measures to protect human health and the environment. The following label amendments are included as part of the re-evaluation:

Human health

- Update to standard label statements (health precautions)

Environment

- Updates to standard label statements (environmental precautions, directions for use and disposal)

Next steps

To comply with this decision, the required amendments (label updates) must be implemented on all product labels no later than 24 months after the publication date of this decision document. Accordingly, both registrants and retailers will have up to 24 months from the date of this decision document to transition to selling the product with the newly amended updated labels. Similarly, users will also have the same 24-month period from the date of this decision document to transition to using the newly amended updated labels, which will be available on the Public Registry. Appendix I lists the products containing ancymidol that are registered under the authority of the *Pest Control Products Act* and impacted by this re-evaluation decision.

Other information

Any person may file a notice of objection³ regarding this decision on ancymidol within 60 days from the date of publication of this Re-evaluation Decision. For more information regarding the basis for objecting (which must be based on scientific grounds), please refer to the Pesticides section of Canada.ca (Request a Reconsideration of Decision) or contact the PMRA's [Pest Management Information Service](#).

The relevant confidential test data on which the decision is based (as referenced in PRVD2021-10) are available for public inspection, upon application, in the [PMRA's Reading Room](#). For more information, please contact the PMRA's [Pest Management Information Service](#).

³ As per subsection 35(1) of the *Pest Control Products Act*.

Appendix I Registered products containing ancymidol in Canada as of 31 March 2022

Table 1 Products requiring label amendments as of 31 March 2022¹

| Registration number | Marketing class | Registrant | Product name | Formulation type | Guarantee |
|---------------------|-----------------------------------|---------------------|---|------------------|-----------|
| 26498 | Technical Grade Active Ingredient | Sepro Corporation | A-Rest SG Technical Plant Growth Regulator | Soluble granule | 99.6 % |
| 12225 | Commercial | Plant Products Inc. | A-Rest Growth Regulator | Solution | 264 mg/L |
| 16393 | Commercial | Sepro Corporation | A-Rest Solution | Solution | 264 mg/L |
| 28968* | Commercial | Sepro Corporation | A-Rest SG Plant Growth Regulator Seed Treatment | Soluble granule | 99.6 % |

¹ As of 31 March 2022, excluding discontinued products or products with a submission for discontinuation.

* Not for sale or use in Canada

Appendix II Required label updates for products containing ancymidol

The label amendments presented below do not include all label requirements for individual end-use products, such as first aid statements, disposal statements, precautionary statements and supplementary protective equipment. Information on labels of currently registered products should not be removed unless it contradicts the label statements provided below.

The following label statements are required:

The following statements must be updated for all products to meet current labelling standards:

On the principal display panel, replace “GUARANTEE” with “ACTIVE INGREDIENT”.

The following statements must be updated for all end-use products to meet current labelling standards:

1. PRECAUTIONS:

“Wear a long-sleeved shirt, long pants, chemical-resistant gloves, socks and shoes during mixing, loading, application, clean-up and repair.”

2. DISPOSAL:

1. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
2. Follow provincial instruction for any required additional cleaning of the container prior to its disposal.
3. Make the empty container unsuitable for further use.
4. Dispose of the container in accordance with provincial requirements.
5. For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

3. ENVIRONMENTAL PRECAUTIONS:

“DO NOT allow effluent or runoff from greenhouses containing this product to enter lakes, streams, ponds or other waters.”

Add “TOXIC to aquatic plants.”

For “A-REST SG Plant Growth Regulator Seed Treatment (Registration No. 28968)” and “A-Rest SG Technical Plant Growth Regulator (Registration No. 26498)”:

Replace “Environmental Hazards” with “Environmental Precautions”

And Remove:

“This product is toxic to fish.”

4. DIRECTIONS FOR USE:

“DO NOT contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.”

The following statements must be updated for A-Rest SG Technical Plant Growth Regulator (Registration No. 26498):

1. PRINCIPAL DISPLAY PANEL

Remove: WARNING Causes substantial, but temporary eye irritation. May cause skin irritation. Harmful if swallowed or inhaled.

Add: CAUTION (pictogram) POISON
CAUTION - EYE IRRITANT

2. SECONDARY DISPLAY PANEL

PRECAUTIONS

Remove: Avoid contact with skin, eyes or clothing. Avoid breathing dust, vapour or spray mist.

Add: Harmful if swallowed or inhaled. Avoid inhaling /breathing dusts. May irritate eyes. Avoid contact with eyes.