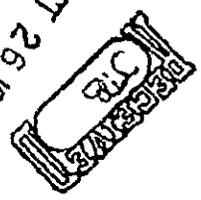


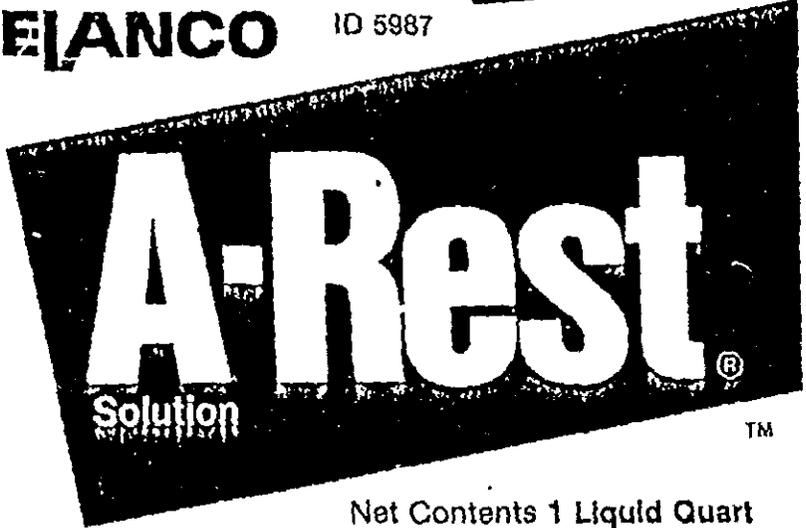
Page 1 of 10

OCT 26 1987



ACCEPTED
NOV - 5 1987
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 1471-94

ELANCO ID 5987



Net Contents 1 Liquid Quart

A growth regulator

Active Ingredient:

ancymidol* [α -cyclopropyl- α -(*p*-methoxyphenyl)-5-pyrimidinemethanol]..... 0.0264%

Inert Ingredients 99.9736%

Contains 250 mg of active ingredient per quart

*A-Rest®—the registered trademark for Elanco Products ancymidol— (ancymidol, Elanco)

Keep Out of Reach of Children.

CAUTION

See side panel for additional precautionary statements.

EPA Reg. No. 1471-94

EPA Est. 1488-NB-1--1471-IN-05

Directions for Use

Read all Directions Carefully Before Applying

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. See attached literature for Complete Directions for Use. Do not enter treated areas without protective clothing until sprays have dried. Note to the User: Because certain states may require more restrictive re-entry intervals for various crops treated with this product, consult your State Department of Agriculture for further information. Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. (Indicate specific oral warnings which inform workers of areas or fields that may not be entered without specific protective clothing, period of time field must be vacated and appropriate actions to take in case of accidental exposure.) When oral warnings are given, warnings shall be given in a language customarily understood by workers. Written warnings must include the following information: CAUTION. Area treated with A-Rest on (date of application). Do not enter without appropriate protective clothing until sprays have dried. In case of eye contact, immediately flush eyes with plenty of water and get medical attention. In case of skin contact, immediately flush skin with plenty of water. If skin irritation develops and persists, get medical attention.

Precautionary Statements

Hazards to Humans and Domestic Animals

CAUTION

Insert 1-- May be harmful if swallowed. Avoid contact with skin, eyes or clothing. If splashed in eyes, flush thoroughly with plenty of water. Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons.

Environmental Hazards

Insert 2-- Avoid contamination of foodstuffs, feeds and fishponds.

STORAGE AND DISPOSAL

Storage: Avoid Freezing. Store in original container only. In case of leak or spill, use absorbent materials to contain liquids and dispose as waste. Pesticide Disposal: Do not contaminate water, food or feed by storage or disposal. Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance. Container Disposal: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Insert 3-- The manufacturer makes no warranties, express or implied, concerning this product or its use, which extend beyond the description on the label. All statements made concerning this product apply only when used as directed.

---FN-6606---FN 7086

LP 3084 AMB
Elanco Products Company • A Division of Eli Lilly and Company
Indianapolis, IN 46285, U.S.A.

531*** / CY *** / 17 APR 87 / 5:10 PM / 1504717

A-Rest[®]

Solution

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NOV - 5 1987

Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg. No. 1471-94

General Information

A-Rest For Height Control of Container-Grown Plants, Ornamentals, Chrysanthemums, Begonias, Ferns, and foliage and bedding plants—A-Rest is a plant growth regulator which effectively reduces internode elongation resulting in more desirable compact plants. When used as directed, A-Rest produces no phytotoxic effects.

A-Rest is not a substitute for any cultural practice (lighting, watering, and temperature control). Use optimum cultural practices for growing plants listed on this label.

Active Ingredient:

ancymidol* [α-cyclopropyl-α-(p-methoxyphenyl)-
5-pyrimidinemethanol] 0.0264%

Inert Ingredients 99.9736%

Contains 250 mg of active ingredient per quart

*A-Rest[®]—the registered trademark for Eianco Products ancymidol
EPA Reg. No. 1471-94

Precautionary Statements

Keep Out of Reach of Children.

Hazards to Humans and Domestic Animals

CAUTION

May be harmful if swallowed. Avoid contact with skin, eyes or clothing. If splashed in eyes, flush thoroughly with plenty of water.

Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons.

Environmental Hazards

Avoid contamination of foodstuffs, feeds and fishponds. —Insert 2

STORAGE AND DISPOSAL

Storage: Avoid freezing. Store in original container only. In case of leak or spill, use absorbent materials to contain liquids and dispose as waste.

Pesticide Disposal: Do not contaminate water, food or feed by storage or disposal. Pesticide wastes are toxic. Improper disposal of excess pesticide spray mixture, or residue is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Container Disposal: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke

labeling.

Do not enter treated areas without protective clothing until sprays have dried.

Note to the User: Because certain states may require more restrictive re-entry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.

Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. (Indicate specific or a warnings which inform workers of areas or fields that may not be entered without specific protective clothing, period of time field must be vacated and appropriate actions to take in case of accidental exposure.) When oral warnings are given warnings shall be given in a language customarily understood by workers. Written warnings must include the following information: CAUTION: Area treated with A-Rest on (date of application) Do not enter without appropriate protective clothing until sprays have dried. In case of eye contact, immediately flush eyes with plenty of water and get medical attention. In case of skin contact, immediately flush skin with plenty of water. If skin irritation develops and persists, get medical attention.

Application Directions

Mix A-Rest with water during spray tank filling operation. Specific rates will vary with plant species, variety, timing and type of treatment, and growing conditions. The degree of response desired often varies with location and individual cultural practices. The rate of application within the recommended range depends upon the degree of growth inhibition desired by the grower and should be established by using the product on a limited basis at varying rates.

The amount of growth inhibition from A-Rest treatment depends upon the total quantity of active ingredient applied per plant. Treatment techniques and equipment should insure uniform distribution of A-Rest within the treated area.

Foliar Applications

Plants absorb A-Rest both from soil and through foliage. Spray material applied to the foliage and that which is sprayed or drips directly onto the soil, will act to regulate the growth of the plant.

For this reason, the A-Rest label instructions in Table I recommend applying a given amount of A-Rest evenly over 100 sq. ft., i.e. (10' x 10') of bench space. This method will insure that a grower applies the proper amount of active ingredient per pot.

Chrysanthemums—Dilute the A-Rest solution as indicated in Table I and apply as a foliar spray to plants two to six inches in height (approximately two weeks following pinch). The spray solution must be equally distributed within the treatment area.

Easter Lilies—Dilute the A-Rest solution as indicated in Table I and apply as a foliar spray to plants two to six inches in height. Use a 0.625 mg to 1.25 mg per square foot on all varieties except Japanese Georgia. Use 1.25 mg to 2.5 mg of active ingredient per square foot on Japanese Georgia.

Foliage and Bedding Plants (Florida only)-Delete

Purple passion	Pilea	Wandering Jew
Blue Bell	Dracaena	Petunia
Green Nephthylis	Pothos	Ageratum
Green Gold Nephthylis	Schefflera	Salvia
Philodendron	Alternanthera	Balsam

Dilute the A-Rest solution as indicated in Table I and apply as a foliar spray 2 to 10 weeks after planting.

Table I					
Area to be Treated	Application Volume (Quarts)	Dilution Ratio (Pints) A-Rest to Water		Treatment Rate (AI)	Final Spray Concentration (ppm)
100 ft ²	2	2	2	25 mg/ft ²	132
100 ft ²	2	1	3	125 mg/ft ²	66
100 ft ²	2	0.5	3.5	0.625 mg/ft ²	33

An Easy Way to Spray

Another way of presenting this is to consider what the use rate should be, 0.25 mg or 0.5 mg per 6" pot and how many pots will be treated. Next, determine the total amount of active ingredient needed and mix that amount of A-Rest in whatever volume of water normally used to cover those plants. Remember, each quart of A-Rest contains 250 mg of active ingredient.

Adequate foliar distribution may be obtained with as little as 2 or as much as 5 gallons of spray solution per 500 6" pots (according to grower preference.)

Volume and rates should be calculated on the basis of total delivery of spray solution to plant surfaces. Wastage will reduce actual dose received by plants and, consequently, growth retardant activity will be decreased.

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Insert 5

Insert 6

---Insert 4

Soil Drench Applications

Chrysanthemums—Dilute the A-Rest solution as indicated in Table II and apply as a drench treatment to moist soil. Treat plants two to six inches in height (approximately two weeks following pinch).

Lilies—Dilute the A-Rest solution as indicated in Table II and apply as a drench treatment to uniformly moist soil. Plants may be treated from emergence to 12 inches in height. For optimum results, treatments should be made to plants from two to six inches tall.

Poinsettias—Dilute the A-Rest solution as indicated in Table II and apply as a drench treatment to uniformly moist soil. Treat plants at pinch to 4 weeks after pinch, or 8 to 12 weeks before finishing.

Dahlias—Dilute the A-Rest solution as indicated in Table II and apply as a soil drench to uniformly moist potting soil. Treat plants approximately 2 weeks after planting. Dahlia cultivars, Siemen Doornbosch and Honey, may not respond satisfactorily to A-Rest treatment.

Table II

Drench Volume Per 6" pot	Ounces of A-Rest to be placed in a gallon container and water added to the 1 gallon mark	
	0.25 mg rate	0.5 mg rate
4 oz	1 oz	2 oz

Tulips—Dilute A-Rest solution as shown in Table III and apply as a soil drench within the period of one week before forcing begins or up to two days after forcing begins. Apply A-Rest at rates of 0.125 to 0.5 mg of active ingredient per 6-inch pot. The rate used within this range will depend upon the variety treated and the final height desired for market. It is important the drench application be made to uniformly moist (but not wet) soil.

Table III

Solution Preparation	Rate mg/ 6-Inch pot	Drench Volume/ 6-Inch pot
0.125 pint A-Rest solution to 4 gallons water	0.125	4 oz
0.25 pint A-Rest solution to 4 gallons water	0.25	4 oz
0.5 pint A-Rest solution to 4 gallons water	0.5	4 oz

Precautions

Do not add any additional wetting agent to A-Rest solutions. Plants treated with A-Rest may require less water than untreated plants.

Overapplication or uneven application of A-Rest will result in excessive or irregular growth control. A slight delay (two to five days) in flower development may occur at the higher recommended treatment levels.

The use of pine bark or similar additives in potting soil mix may reduce the effectiveness of A-Rest from drench application.

Avoid spray drift to other desirable plants.

The manufacturer makes no warranties, express or implied, concerning this product or its use, which extend beyond the description on the label. All statements made concerning this product apply only when used as directed.

Avoid Freezing

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Literature revised February 20, 1985—September, 1987
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Indianapolis, IN 46285, U.S.A.
ID 5987

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A-REST INSERTS
ID 5987

INSERT 1

Avoid breathing spray mist, ingestion, and contact with eyes, skin, or clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

FIRST AID (Statements of Practical Treatment)

If swallowed: Call a physician or Poison Control Center.

If in eyes: Flush eyes with plenty of water. Call a physician if irritation develops.

If on skin: Wash with plenty of soap and water. Get medical attention if irritation develops.

If inhaled: Remove individual to fresh air. If breathing difficulty occurs, get medical attention.

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A-REST INSERTS
ID 5987

INSERT 4

Chemigation: Do not apply this product through any type of irrigation system.

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8 of 10

A-REST INSERTS
ID 5987

INSERT 5

Azalea - Dilute the A-REST solution as indicated in Table I and apply as a foliar spray after plants have been pruned. Thoroughly cover all of the foliage.

Gardenia - Dilute the A-REST solution as indicated in Table I and apply as a foliar spray when plants are four (4) to six (6) inches tall.

Holly - Dilute the A-REST solution as indicated in Table I and apply as a foliar spray after plants have been pruned. Thoroughly cover all of the foliage.

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9 of 10

A-REST INSERTS
ID 5987

INSERT 6

China aster
Celosia
Cleome
Cornflower
Geranium
Marigold
Dianthus
Vinca
Zinnia
Coleus
Gerbera daisy
Monstera

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A-REST INSERTS
ID 5987

INSERT 7

Holly - Dilute the A-REST solution indicated in Table II and apply as a soil drench to moist soil. Treat after plants have been trimmed.

Bleeding Heart Glorybower - Dilute A-REST solution as indicated in Table II and apply as a soil drench to moist soil. Treat about three (3) weeks after potting.

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