

Read All Label Directions
Carefully Before Applying

A-Rest Solution

June 30, 1970

94

General Information

A-Rest is a systemic herbicide which is active against a wide range of weeds and grasses. It is effective against both annual and perennial weeds. A-Rest is a selective herbicide which kills weeds without harming the plants to which it is applied. When used as directed, A-Rest does not harm the plants to which it is applied.

A-Rest is a systemic herbicide which is active against a wide range of weeds and grasses. It is effective against both annual and perennial weeds. A-Rest is a selective herbicide which kills weeds without harming the plants to which it is applied.

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 after various applications 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 the treatment should insure uniform distribution of A-Rest within the treated area.

Foliar Applications

Apply A-Rest as a foliar spray to plants two to six inches in height. Use a nozzle that sprays in a fan pattern. The spray should be applied to the upper surface of the leaves. The spray should be applied to the upper surface of the leaves. The spray should be applied to the upper surface of the leaves.

Chrysanthemums - Apply the A-Rest solution as indicated in Table 1 and use it as a foliar spray to plants two to six inches in height. Use a nozzle that sprays in a fan pattern. The spray should be applied to the upper surface of the leaves. The spray should be applied to the upper surface of the leaves.

Easter Lilies - Apply the A-Rest solution as indicated in Table 1 and use it as a foliar spray to plants two to six inches in height. Use a nozzle that sprays in a fan pattern. The spray should be applied to the upper surface of the leaves. The spray should be applied to the upper surface of the leaves.

Foliage and Bedding Plants (Florida only)

| | |
|----------------|------------|
| Chrysanthemums | 1.0 to 2.0 |
| Easter Lilies | 1.0 to 2.0 |
| Impatiens | 1.0 to 2.0 |
| Marigolds | 1.0 to 2.0 |
| Portulaca | 1.0 to 2.0 |
| Verbena | 1.0 to 2.0 |
| Yucca | 1.0 to 2.0 |

A-Rest is a systemic herbicide which is active against a wide range of weeds and grasses. It is effective against both annual and perennial weeds. A-Rest is a selective herbicide which kills weeds without harming the plants to which it is applied.

Label

Apply A-Rest as a foliar spray to plants two to six inches in height. Use a nozzle that sprays in a fan pattern. The spray should be applied to the upper surface of the leaves. The spray should be applied to the upper surface of the leaves.

An Easy Way to Spray

Apply A-Rest as a foliar spray to plants two to six inches in height. Use a nozzle that sprays in a fan pattern. The spray should be applied to the upper surface of the leaves. The spray should be applied to the upper surface of the leaves.

General Information

A-Rest is a contact herbicide which controls the growth of broadleaf weeds, grasses, and other plants. **A-Rest** is a contact herbicide which controls the growth of broadleaf weeds, grasses, and other plants. **A-Rest** is a contact herbicide which controls the growth of broadleaf weeds, grasses, and other plants.

A-Rest is a contact herbicide which controls the growth of broadleaf weeds, grasses, and other plants. **A-Rest** is a contact herbicide which controls the growth of broadleaf weeds, grasses, and other plants.

Application Directions

Mix **A-Rest** with water during spray tank mixing operation. Spray the plants with plants species, variety, timing, and type of treatment and growing conditions. The degree of response desired. The rate of application will vary with the degree of response desired. The rate of application will vary with the degree of response desired.

The amount of growth inhibition from **A-Rest** treatment depends on the quantity of active ingredient applied per square foot of treatment area. The amount of growth inhibition from **A-Rest** treatment depends on the quantity of active ingredient applied per square foot of treatment area.

Foliar Applications

A-Rest is a contact herbicide which controls the growth of broadleaf weeds, grasses, and other plants. **A-Rest** is a contact herbicide which controls the growth of broadleaf weeds, grasses, and other plants.

Chrysanthemums—Dilute the **A-Rest** solution as indicated in Table 1 and apply as a foliar spray to plants two to six weeks before flowering. The spray should be uniformly distributed within the treatment area.

Easter Lilies—Dilute the **A-Rest** solution as indicated in Table 1 and apply as a foliar spray to plants two to six inches in height. The spray should be uniformly distributed within the treatment area.

Foliage and Bedding Plants (Florida only)

| | |
|----------------|------|
| Chrysanthemums | 1.00 |
| Easter Lilies | 1.00 |
| Impatiens | 1.00 |
| Marigolds | 1.00 |
| Portulaca | 1.00 |
| Primula | 1.00 |
| Verbena | 1.00 |

Dilute the **A-Rest** solution as indicated in Table 1 and apply as a foliar spray to plants two to six weeks before flowering.

Table 1

| Application Method | Rate of Application (lb. A-Rest per 100 sq. ft.) |
|--------------------|--|
| Foliar Spray | 0.10 |
| Soil Drench | 0.10 |

An Easy Way to Spray

A backpack sprayer may be used with **A-Rest** for the control of broadleaf weeds, grasses, and other plants. The backpack sprayer should be calibrated at the time of use. The backpack sprayer should be calibrated at the time of use.

Soil Drench Applications

Chrysanthemums—Dilute the **A-Rest** solution as indicated in Table 1 and apply as a soil drench to plants two to six weeks before flowering.

Lilies—Dilute the **A-Rest** solution as indicated in Table 1 and apply as a soil drench to plants two to six inches in height. The soil drench should be uniformly distributed within the treatment area.

Peonies—Dilute the **A-Rest** solution as indicated in Table 1 and apply as a soil drench to plants two to six weeks before flowering.

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 *Honeys*, 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 | 1.5 oz | 3.0 oz |

Tulips— Dilute **A-Rest** solution as shown in Table III and apply to soil of plants within the period of one week before forcing begins or up to two days after they begin. Apply **A-Rest** at rates of 0.125 to 0.5 mg of active ingredient per bushel of soil. The rate used within this range will depend upon the variety, treatment of the bulbs, and the need for market. It is vital that the product be applied to the soil and not to the plant.

Table III

| Preparation | Rate mg | Amount to be added |
|---|-----------|--------------------|
| | to 1 pint | to 4 gallons |
| 1.5 pint A-Rest added to 4 gallons water | 0.25 | 1.5 oz |
| 0.25 pint A-Rest solution to 4 gallons water | 0.125 | 4.0 oz |
| 0.5 pint A-Rest solution to 4 gallons water | 0.5 | 4.0 oz |

Precautions

Do not add any additional wetting agents to **A-Rest** solutions. Plants treated with **A-Rest** may require less water than untreated plants. Do not start watering or even application of **A-Rest** will result in excessive or retarded growth. A slight delay (two to five days) in flower development may occur at the higher recommended treatment levels.

The use of fertilizer or similar additives on plants treated with the product will not affect the effect of **A-Rest** from drench application.

Avoid spray drift to other desirable plants.
(Destroy empty container. Do not reuse.)

The manufacturer makes no warranties, express or implied, for the product which will extend beyond the description on the label. Available literature concerning this product apply only when used as directed.

Avoid Freezing

| 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 gal |
| 0.25 pint A-Rest solution to 4 gallons water | 0.25 | 4 gal |
| 0.5 pint A-Rest solution to 4 gallons water | 0.5 | 4 gal |

Precautions

Do not add any additional wetting agents to **A-Rest** solution. Do not treat with **A-Rest** any water that is not treated with **A-Rest** in previous applications. **A-Rest** will not be effective if applied to plants that have been treated with a fungicide. Do not apply **A-Rest** to plants that are stressed or have been damaged by frost or other environmental factors. Do not apply **A-Rest** to plants that are in bloom. Do not apply **A-Rest** to plants that are in fruit. Do not apply **A-Rest** to plants that are in seed. Do not apply **A-Rest** to plants that are in flower. Do not apply **A-Rest** to plants that are in leaf. Do not apply **A-Rest** to plants that are in stem. Do not apply **A-Rest** to plants that are in root. Do not apply **A-Rest** to plants that are in soil. Do not apply **A-Rest** to plants that are in air. Do not apply **A-Rest** to plants that are in water. Do not apply **A-Rest** to plants that are in light. Do not apply **A-Rest** to plants that are in dark. Do not apply **A-Rest** to plants that are in heat. Do not apply **A-Rest** to plants that are in cold. Do not apply **A-Rest** to plants that are in dry. Do not apply **A-Rest** to plants that are in wet. Do not apply **A-Rest** to plants that are in wind. Do not apply **A-Rest** to plants that are in rain. Do not apply **A-Rest** to plants that are in sun. Do not apply **A-Rest** to plants that are in shade. Do not apply **A-Rest** to plants that are in frost. Do not apply **A-Rest** to plants that are in snow. Do not apply **A-Rest** to plants that are in ice. Do not apply **A-Rest** to plants that are in hail. Do not apply **A-Rest** to plants that are in sleet. Do not apply **A-Rest** to plants that are in rain. Do not apply **A-Rest** to plants that are in snow. Do not apply **A-Rest** to plants that are in ice. Do not apply **A-Rest** to plants that are in hail. Do not apply **A-Rest** to plants that are in sleet.

Avoid Freezing

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ELANCO

ID 5987

For
Professional
Use

A-Rest®

Solution

Net Contents 1 Liquid Quart

A growth regulator

A-Rest is a growth regulator for use on corn, sorghum, and soybeans. It is applied as a foliar spray to the growing crop. A-Rest is a systemic growth regulator that acts on the plant's growth process. It is effective in controlling height, lodging, and maturity. A-Rest is safe for the crop and the soil. It is also safe for the environment.

CAUTION: Keep out of reach of children. May be harmful if swallowed. Avoid contact with skin, eyes or clothing. If splashed in eyes, flush thoroughly with plenty of water.

Avoid contamination of foodstuffs, feeds and fishponds.

EPA Reg. No. 1471-94-AC

General Information

Read All Label Directions Carefully Before Applying

See attached literature for Complete Directions for Use
Read all Directions Carefully Before Applying

CAUTIONS

Human

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

Environmental

Avoid contamination of foodstuffs, feeds and fishponds.

Storage

Avoid Freezing

Destroy empty container. Do not reuse.

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.

Elanco Products Company - A Division of Eli Lilly and Company
Indianapolis, IN 46206, U.S.A.

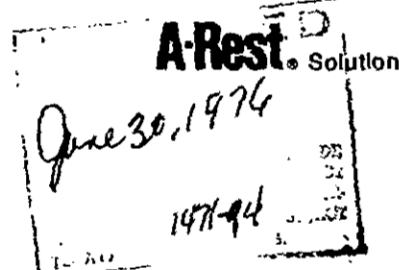
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ID 5987

Read All Label Directions Carefully Before Applying



General Information

A-Rest® For Height Control of Container-Grown Lilies, Poinsettias, Chrysanthemums, Dahlias, Impatiens and Begonias 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.

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.

Earlier 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 at various except Japanese Geodis. Use 1.25 mg to 2.5 mg of active ingredient per square foot on Japanese Geodis.

Foliage and Bedding Plants (Florida only)

- Purple passion Schefflera
- Blue Bell Alternanthera
- Green Nephthytis Wandering Jew
- Green Gold Nephthytis Pelunia
- Philodendron Ageratum
- Pilea Salvia
- Dracaena Balsam
- Pothos

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 (A) | Final Spray Concentration (ppm) |
|---------------------|-----------------------------|--|--------------------------|---------------------------------|
| 100 ft ² | 2 | 2 2 | 2.5 mg/ft ² | 132 |
| 100 ft ² | 2 | 1 3 | 1.25 mg/ft ² | 66 |
| 100 ft ² | 2 | 0.5 3.5 | 0.625 mg/ft ² | 33 |

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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.

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.

Literature revised June 9, 1976

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ELANCO

ID 5987

For
Professional
Use

A-Rest®

Solution

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

CAUTION: Keep out of reach of children. May be harmful if swallowed. Avoid contact with skin, eyes or clothing. If splashed in eyes, flush thoroughly with plenty of water.

Avoid contamination of foodstuffs, feeds and fishponds.

EPA Reg. No. 1471-94-AC

General Information Read Carefully

See attached literature for Complete Directions
Read all Directions Carefully Before Applying

CAUTIONS

Human

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

Environmental

Avoid contamination of foodstuffs, feeds and fishponds.

Storage

Avoid Freezing

Destroy empty container. Do not reuse.

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.

Elanco Products Company · A Division of
Indianapolis, IN 46206, U.S.A.

Chrysanthemums, Dahlias, Tulips, 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.

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—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 (lb) | Final Spray Concentration (ppm) |
|---------------------|-----------------------------|--|-----|--------------------------|---------------------------------|
| 100 ft ² | 2 | 2 | 2 | 2.5 mg/ft ² | 132 |
| 100 ft ² | 2 | 1 | 3 | 1.25 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.

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 cultivar Siemen Doornbosch does 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 agents 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.
 Destroy empty container. Do not reuse.
 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