A-Rest Solution

Plant Growth Regulator

Net contents 2.5 gallons
PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

Keep Out of Reach of Children

CAUTION / PRECAUCIÓN

Harmful if Swallowed or if Inhaled. Avoid breathing spray mist or contact with skin, eyes or clothing. Remove contaminated clothing and wash before reuse.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:
• Long-sleeved shirt and long pants and
• Shoes plus socks.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

Additional Personal Protective Equipment (PPE) is needed for use in California due to differences in federal and state law.

Users in California must also wear:
• Coveralls and
• Chemical resistant gloves made of any waterproof material.

USER SAFETY RECOMMENDATIONS

Users should:
• Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
• Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

FIRST AID

If swallowed
• Call a poison control center or doctor immediately for treatment advice.
• Have person sip a glass of water if able to swallow.
• Do not induce vomiting unless told to do so by a poison control center or doctor.
• Do not give anything by mouth to an unconscious person.

If inhaled
• Move person to fresh air.
• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.
• Call a poison control center or doctor for further treatment advice.

If in eyes
• Hold eye open and rinse slowly and gently with water for 15 - 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
• Call a poison control center or doctor for treatment advice.

If on skin or clothing
• Take off contaminated clothing.
• Rinse skin immediately with plenty of water for 15 - 20 minutes.
• Call a poison control center or doctor for treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. In case of emergency endangering health or the environment involving this product, call INFOTRAC at 1-800-635-8080.

ENVIRONMENTAL HAZARDS

Do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters or rinsates.
DATE: 9/17/09

COMPANY: SEPRO

LABELS/OD: 11

ATTENTION: AMY DUGGER-RONYAK

UPC: 8 11055 01002 5

DESCRIPTION: A-REST 2.5 GALLON BOOKLET

FINISH: LAM

SPC-30231602

STOCK: WHITE BOPP

BASE SIZE: 6.25 X 7

ADHESIVE: PERMANENT

BOOK SIZE: 6.25 X 5.625

RLG PART #: 2412-44229B

BASE SHAPE: RCR

ARTIST: CC

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BOOK

BOOK PLACEMENT

(does not print)

DIELINE

(does not print)

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read all Directions for Use carefully before applying. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your state or tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exemptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard. Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 12 hours.

PPS required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, i.e:

- Coversalls;
- Chemical-resistant gloves made of any waterproof material; and
- Shoes plus socks.

GENERAL INFORMATION

A-Rest® Solution Plant Growth Regulator is for use on ornamental plants grown in containers in nurseries, greenhouses, shadehouses and interiorscapes. Use of A-Rest® effectively reduces internode elongation, resulting in a more desirable compact plant. Growth regulation effects produced by A-Rest® are the result of inhibition of gibberellin biosynthesis. When used as directed, A-Rest® produces no phytotoxic effects.

FACTORS AFFECTING PLANT RESPONSE TO A-REST

There are many factors that can affect a plant's response to A-Rest®. They include proper application, environmental conditions, plant container size and cultural practices. These factors can affect the amount of A-Rest® that is required for the desired plant height.

- Cultural Practices may affect the plant's response to A-Rest®. Plants which are grown at close spacing or in small pots and using high water and fertilizer levels may require an increase in the amount of A-Rest® needed. The media in which the plants are grown can reduce the effectiveness of plant growth regulator (GR) treatments. The effectiveness of an A-Rest® drench application will be reduced in growing media that utilize a high amount of pine bark.
- Different Varieties or Cultivars within a given plant species may require a higher or lower rate of A-Rest®. Varieties that are taller and more vigorous generally require more A-Rest® than do the naturally short, less vigorous varieties. Growers should consult with plant and tree nurseries for advice on which A-Rest® rate to use for a given cultivar.
- Temperature can be the overriding factor in determining the amount of A-Rest® needed. Stem elongation increases with increased temperatures. Growers in warm climates will need to use higher rates and/or more applications compared to those in cooler climates. The amount of A-Rest® needed and the number of applications may also vary depending on the time of year, with higher rates and/or more applications needed during warmer months.

MIXING INSTRUCTIONS

Be sure the sprayer is clean and not contaminated with any other material. Fill the spray tank with half the required amount of water. Use the A-Rest® Dilution Table (Table 1) to determine the amount of A-Rest® needed for the required concentration. Measure the desired volume accurately and add it to the tank. Fill tank with the remaining amount of required water. Agitate the mixture of A-Rest® and water frequently to ensure uniform distribution during application.

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**TABLE 1: A-REST DILUTION TABLE**

<table>
<thead>
<tr>
<th>PPM A-Rest Desired Concentration</th>
<th>FL Oz. Per Gallon Solution</th>
<th>ML Per Gallon Solution</th>
<th>PPM A-Rest Desired Concentration</th>
<th>FL Oz. Per Gallon Solution</th>
<th>ML Per Gallon Solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.5</td>
<td>0.25</td>
<td>7</td>
<td>1</td>
<td>0.5</td>
<td>17</td>
</tr>
<tr>
<td>1</td>
<td>0.5</td>
<td>14</td>
<td>1</td>
<td>1.0</td>
<td>17</td>
</tr>
<tr>
<td>1.5</td>
<td>1.3</td>
<td>43</td>
<td>1.5</td>
<td>1.5</td>
<td>19</td>
</tr>
<tr>
<td>2</td>
<td>2.4</td>
<td>72</td>
<td>3</td>
<td>3.4</td>
<td>30</td>
</tr>
<tr>
<td>3</td>
<td>3.9</td>
<td>117</td>
<td>5</td>
<td>4.4</td>
<td>35</td>
</tr>
<tr>
<td>4</td>
<td>4.8</td>
<td>143</td>
<td>7</td>
<td>5.3</td>
<td>50</td>
</tr>
<tr>
<td>6</td>
<td>5.8</td>
<td>174</td>
<td>12</td>
<td>6.3</td>
<td>69</td>
</tr>
<tr>
<td>8</td>
<td>6.8</td>
<td>204</td>
<td>14</td>
<td>6.8</td>
<td>100</td>
</tr>
<tr>
<td>10</td>
<td>7.3</td>
<td>216</td>
<td>15</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**APPLICATION TECHNIQUES**

Plants absorb A-Rest through both foliage and roots. A-Rest may be applied as a spray or as a drench to achieve the desired plant height control. Split or sequential applications under certain conditions allow greater treatment flexibility and may be desirable.

**Spray Applications**

A-Rest applied as a foliar spray is absorbed through plant foliage and is then translocated to the terminal where it reduces internode elongation. A-Rest reaching the growing media as runoff from foliar treatments or over-spray will result in additional growth regulation from root uptake.

When applying as a spray, the following should be noted:

- Do not use wetting agents in combination with A-Rest as crop injury may occur.
- Avoid uneven application or over-application to prevent irregular or excessive growth control.
- Use of the highest recommended application rates may cause a slight delay (two to five days) in flower development on some species.
- Do not allow spray drift to contact non-target plants.

1. **Bench Area Sprays** - This method is generally used for plants in small containers or that are spaced closely. Dilute A-Rest to the required concentration using the spray preparation guidelines described in Table 1. Apply uniformly at a rate of one (1) gallon of spray per 200 sq. ft. of bench area.

2. **Individual Plant Sprays** - Mix the spray solution with the amount of A-Rest and water to achieve the desired concentration (ppm) in Table 1. Spray individual plant foliage to the point of runoff. Care should be taken to apply an equivalent amount of spray volume to plants of the same size and species or cultivars. Uniformity in plant response is generally more difficult with individual plant sprays than bench area sprays.

3. **Sequential Spray Applications** - Using sequential applications may provide more uniform growth regulation. In general, sequential spray applications are to be applied using 50-100% of the lower recommended rate. Growers in cooler climates may have to use lower rates. With some species, for example chrysanthemums and azaleas, individual lateral shoots may outgrow other internodes causing non-uniform plant appearance. This results when individual laterals do not receive enough chemical when spray is applied. The use of sequential applications will help reduce this problem.
Drench Applications

Drench treatments of A-Rest will provide treatment accuracy for consistently uniform results. A-Rest is readily absorbed by the roots and translocated to the terminals. Growing media should be moist, but not wet at the time of treatment. Best results are obtained when moisture content allows the drench treatment to become well distributed and retained entirely within the pot. This may be achieved by watering the plants the day before treating. Residues may be variable if part of the treatment is lost to flow-through or if growing media is too dry to allow for even distribution of the treatment. Generally, a volume of 2 fl. oz. (60 mL) is required to treat a 4-inch pot or 4 fl. oz. (120 mL) for treatment of a 6-inch pot (Table 2). Dilute A-Rest to the required concentration using the method described in Table 1. When applying as a drench, the use of pine bark in potting soil mix may reduce the effectiveness of drench treatments.

<table>
<thead>
<tr>
<th>TABLE 2: DRENCH VOLUME GUIDELINES</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Pot Diameter</strong></td>
</tr>
<tr>
<td>(Inches)</td>
</tr>
<tr>
<td>4</td>
</tr>
<tr>
<td>5</td>
</tr>
<tr>
<td>6</td>
</tr>
<tr>
<td>8</td>
</tr>
<tr>
<td>10</td>
</tr>
<tr>
<td>12</td>
</tr>
</tbody>
</table>

Note: The recommended drench volumes were based on the soil capacity of a common 8-inch "fleshy-type" pot. Drenching the recommendation for this type pot to smaller or larger containers may not be correct for the total drench volume, but should only be used as a guideline. The user must determine the appropriate rate and drench volume needed to achieve the desired result, based on both pot size and growing media used.

CHEMIGATION (Not for use in California)

Pesticide labels contain directions for use, which are necessary for effecting the purpose for which the product is intended and to protect health and the environment. The following information is intended to decrease environmental risks of pesticide contamination of ground water and will decrease direct human exposure to pesticide treated irrigation water by providing appropriate directions for use.

Apply this product only through pressurized drench (flood), sprinkler, or drip (trickle) irrigation systems. Do not apply this product through any other type of irrigation systems.

Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from non-uniform distribution of treated water.

If you have questions about calibration, you should contact your local Extension Service Specialist, equipment manufacturers, or other experts.

Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the pesticide-label-prescribed safety devices for public water systems are in place.

A person knowledgeable of the chemigation system is responsible for its operation or under the supervision of the responsible person, shall shut the system down and make necessary adjustments when the need arises.

Chemigation Systems Connected to Public Water Systems

- Public water systems means a system for the provision to the public of piped water for human consumption if such system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days out of the year.
- Chemigation systems connected to public water systems must contain a functional, reduced-pressure zone, backflow preventer (RPZ) or the functional equivalent in the water supply line upstream from the point of pesticide introduction. As an option to the RPZ, the water from the public water system should be discharged into a reservoir tank prior to pesticide introduction. There shall be a complete physical break (air gap) between the outlet end of the fill pipe and the top or overflow rim of the reservoir tank of at least twice the inside diameter of the fill pipe.
- The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
- The pesticide injection pipeline must contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
- The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops or in cases where there is no water pump, when the water pressure decreases to the point where pesticides distribution is adversely affected.

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Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.

Pressurized Drench (Fluid) System

Systems utilizing a pressurized water and pesticide injection system must meet the following requirements:

- The system must contain a functional check valve, vacuum relief valve, and low-pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.
- The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
- The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
- The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
- The irrigation line or water pump must include a functional pressure switch, which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.
- Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.

Sprinkle (Spray) Channigation

- The system must contain a functional check valve, vacuum relief valve, and low-pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.
- The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
- The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
- The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
- The irrigation line or water pump must include a functional pressure switch, which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.
- Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.
- Do not apply when wind speed favors drift beyond the area intended for treatment.

Drip (Hidri) Channigation

- The system must contain a functional check valve, vacuum relief valve, and low-pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.
- The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
- The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
- The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
- The irrigation line or water pump must include a functional pressure switch, which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.
- Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.

General Information

Pesticide supply tanks are recommended for the application of these products. See label instructions for dilution use rates and timing of applications. Agitate prior to use.

Since the material is used in an injections proportion the pesticide is to be applied continuously for the duration of the water application.

DETERMINING OPTIMUM RATES

The amount of A-REST required for an optimum growth response will vary among growers and will depend upon several factors: the final desired height, length of control desired, pot size, stage of growth, method of application, season and varietal response. Specific-specific cultural practices such as watering, potting media, fertilization and temperature and light conditions will also affect the growth response to a given dosage. Therefore, growers should establish specific application rates based on small-scale treatments under actual use conditions.
and keep records as to plant species and variety sensitivity before A-Rest is applied to a large number of plants. The rates recommended on this label are rate ranges and should be used only as a guideline.

For plant species listed on the label, the user shall run initial trials using the lowest recommended rates. For plant species not specifically listed on the label, the user shall run initial trials on a small number of plants using the guidelines rates in Table 3.

The maximum rate which may be applied to any crop is 132 ppm.

### Table 3: General Guideline Rates by Plant Type

<table>
<thead>
<tr>
<th>Plant Type</th>
<th>Spray Rate Range (ppm)</th>
<th>Drench Rate Range (ppm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bedding Plants</td>
<td>6 - 66</td>
<td>1 - 4</td>
</tr>
<tr>
<td>Bedding Plant Plug</td>
<td>3 - 35</td>
<td>0.5 - 1</td>
</tr>
<tr>
<td>Flowering/Foliation Plants</td>
<td>20 - 60</td>
<td>1 - 4</td>
</tr>
<tr>
<td>Herbs/Flowers</td>
<td>20 - 60</td>
<td>1 - 4</td>
</tr>
<tr>
<td>Woody species</td>
<td>30</td>
<td>2 - 4</td>
</tr>
<tr>
<td>Sub Crops</td>
<td>25 - 50</td>
<td>2 - 4</td>
</tr>
</tbody>
</table>

### Use and Rate Recommendations by Crop

**Azalea**

A-Rest is effective in controlling Azalea height, resulting in a more compact plant.

**Drench**

Apply drench according to directions in Table 1. See Table 4 for application rate guidelines for a variety of common bedding plants. For specific plants not identified in Table 4, a base rate of 10 ppm is recommended. Growers should establish specific application rates and timing based on small-scale treatments under actual use conditions and keep records as to plant species and variety sensitivity. Apply drench solution uniformly over the treatment area at a rate of 1 gallon per 200 sq. ft. regardless of plant spacing. In general, applications may be made after the plants have initiated new growth after being transplanted.

**Bedding Plants**

A-Rest is effective on a wide range of bedding plants for height control.

**Drench**

Apply drench uniformly over potting media. Apply at a solution concentration of 1 to 4 ppm at the recommended volume per pot.
TABLE 4: SPRAY RATE RANGE (PPM) GUIDELINES FOR SOME BEDDING PLANTS

<table>
<thead>
<tr>
<th>Plant</th>
<th>Plug</th>
<th>After Transplant</th>
<th>Finished</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ageratum</td>
<td>7-12</td>
<td>10-15</td>
<td>15-20</td>
</tr>
<tr>
<td>Begonia</td>
<td>3-5</td>
<td>6-12</td>
<td>10-19</td>
</tr>
<tr>
<td>Celosia</td>
<td>7-12</td>
<td>10-15</td>
<td>15-20</td>
</tr>
<tr>
<td>China Aster</td>
<td>7-12</td>
<td>10-15</td>
<td>15-20</td>
</tr>
<tr>
<td>Cleome</td>
<td>7-12</td>
<td>10-15</td>
<td>15-20</td>
</tr>
<tr>
<td>Cornflower</td>
<td>7-12</td>
<td>10-15</td>
<td>15-20</td>
</tr>
<tr>
<td>Dahlia</td>
<td>7-12</td>
<td>10-15</td>
<td>15-20</td>
</tr>
<tr>
<td>Dianthus</td>
<td>7-12</td>
<td>10-15</td>
<td>15-20</td>
</tr>
<tr>
<td>Geranium</td>
<td>28-35</td>
<td>33-66</td>
<td>28-33</td>
</tr>
<tr>
<td>Margerit</td>
<td>13-20</td>
<td>18-28</td>
<td>26-44</td>
</tr>
<tr>
<td>Impatiens</td>
<td>20-25</td>
<td>20-25</td>
<td>26-44</td>
</tr>
<tr>
<td>Pansy</td>
<td>3-7</td>
<td>8-15</td>
<td>11-15</td>
</tr>
<tr>
<td>Petunia</td>
<td>13-16</td>
<td>16-20</td>
<td>15-20</td>
</tr>
<tr>
<td>Portulaca</td>
<td>7-12</td>
<td>10-15</td>
<td>15-20</td>
</tr>
<tr>
<td>Salvia</td>
<td>10-15</td>
<td>15-20</td>
<td>15-20</td>
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<tr>
<td>Snapdragon</td>
<td>10-15</td>
<td>15-20</td>
<td>16-26</td>
</tr>
<tr>
<td>Vinca</td>
<td>5-10</td>
<td>8-13</td>
<td>13-18</td>
</tr>
<tr>
<td>Zinnia</td>
<td>7-12</td>
<td>10-15</td>
<td>15-20</td>
</tr>
</tbody>
</table>

Bedding Plant Plugs
Foliar applications of A-Rest are effective in controlling the height and strengthening the stem of bedding plant plugs. The rate of A-Rest for bedding plant plugs will be much lower than the rate for a more mature bedding plant. The grower should determine the optimum rate for the species grown under their cultural and environmental conditions by running trials on a small number of plants. A recommended starting rate range is 5 - 10 ppm. Applications to bedding plant plugs should begin when the plants have reached the 1 to 2 true leaf stage.

Bulb or Fibrous Root Crops
A-Rest is very effective on most bulb crops. A-Rest is most effective when applied as a drench rather than a spray on most bulb crops. For bulbs species not listed, the grower should determine the optimum rate for the species grown under their cultural and environmental conditions by running trials on a small number of plants. A recommended starting rate for a drench application is 1 - 4 ppm, for sprays 50 ppm.

TABLE 5: RATE RANGE GUIDELINES FOR SOME CROPS

<table>
<thead>
<tr>
<th>Plant</th>
<th>Spray Rate Range (ppm)</th>
<th>Drench Rate Range (ppm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Easter Lily</td>
<td>30 - 132</td>
<td>2 - 4</td>
</tr>
<tr>
<td>Dahlia</td>
<td>NR</td>
<td>2 - 4</td>
</tr>
<tr>
<td>Tulip</td>
<td>NR</td>
<td>1 - 4</td>
</tr>
</tbody>
</table>

NR = Not Recommended
DATE: 9/17/09

COMPANY: SEPRO

ATTENTION: ANY DUGGER-RONYAK

DESCRIPTION: A-REST 2.5 GALLON BOOKLET

SPC#30231602

BASE SIZE: 6.25 X 7 BOOK SIZE: 6.25 X 5.625

BASE SHAPE: RCR

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LILIAN BEHR
Fax: 615-661-5956

RLG Proof Approval
Color proofs are not true representations of color, use for color breaks only.

APPROVED AS IS: [Signatures of Authorized Customer Representative] [Date]

Easter Lily

Note: Apply to plants 2 to 6 inches in height. A base rate of 50 ppm is recommended on Ace and Nafstar White varieties. A rate of 50 - 125 ppm is recommended on the Japanese Georgia variety. A second application, if required, should be made two weeks after the first.

Dahlias

Soil Drench: Apply to uniformly moist potting media. Plants may be treated from emergence to 12 inches in height. For optimum results, treat when plants are from 2 to 6 inches in height.

Tulips

Drench: Apply to uniformly moist potting media from one week before to two days after forcing begins. The rate should be established in small scale treatments according to the variety used and the final height desired for market.

For species not specifically listed, trials should be conducted using rates outlined in the section on DETERMINING OPTIMUM RATES.

Chrysanthemums (Pet)

A-Rest is effective in controlling the height of potted Chrysanthemums as either a spray or a drench application.

Spray: A base rate of 25 ppm is recommended for sensitive varieties and 50 ppm for all others. Spray sensitive varieties when plants have reached the desired height. For less sensitive varieties, spray when the autumns start, following the pinch, then 2 5 to 3 inches long. A second application is required, it should be made two weeks after the first.

Drench: Apply at concentration of 2 4 ppm. For optimum results, apply to uniformly moist potting soil when plants are 2 to 6 inches in height (approximately two weeks following pinch).

Flowering Plants/Floral Plants

A-Rest is effective when applied as a spray or drench on a wide variety of other flowering plants and foliage plants. In general, herbaceous species will require lower rates than woody species. Trials should be conducted using rates outlined in the section on DETERMINING OPTIMUM RATES. A recommended starting rate for a drench application is 1 - 4 ppm and for spray 33 ppm.

| TABLE 6: RATE RANGE GUIDELINES FOR SOME FLOWERING/FLORAL PLANTS |
|-------------------|-------------------|-------------------|
| Plant | Spray Rate Range (ppm) | Drench Rate Range (ppm) |
| Alternanthes | 25 - 132 | 2 - 4 |
| Bleeding Heart | 65 - 132 | 2 - 4 |
| Camellia | 2S - 132 | 2 - 4 |
| Columbine | 65 - 132 | 2 - 4 |
| Delphinium | 35 - 132 | 2 - 4 |
| Dianthus | 25 - 132 | 2 - 4 |
| Echinacea | 65 - 132 | 2 - 4 |
| Gerbera Daisy | 25 - 132 | 2 - 4 |
| Lisianthus | 25 - 132 | 2 - 4 |
| Monarda | 25 - 132 | 2 - 4 |
| Naphthylls, Green Gold | 25 - 132 | 2 - 4 |
| Naphthylls, Green | 25 - 132 | 2 - 4 |
| Philodendron | 25 - 132 | 2 - 4 |
| Pilea | 25 - 132 | 2 - 4 |
| Pothos | 25 - 132 | 2 - 4 |
| Purple Passion | 25 - 132 | 2 - 4 |
| Schizandra | 25 - 132 | 2 - 4 |
DATE: 9/17/09

COMPANY: SEPPO
ATTENTION: AMY DUGGER-RONYAK
DESCRIPTION: A-REST 2.5 GALLON BOOKLET
SPC-30231602
BASE SIZE: 6.25 X 7 BOOK SIZE: 6.25 X 5.625
BASE SHAPE: RCR
BASE SHEET: PLEASE EXAMINE THIS PROOF CAREFULLY FOR COPY, LAYOUT, SIZE, COLOR BREAK, FDA, USDA, OR ANY OTHER AGENCY REGULATIONS. THE INFORMATION ON THIS PROOF APPROVAL, THE CONTENT AND ACCURACY OF THIS INFORMATION IS YOUR RESPONSIBILITY. RESOURCE LABELGROUP ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF COPY OR LEGAL COMPLIANCE OF THIS PROOF. YOUR SIGNATURE IS OUR AUTHORIZATION TO PRODUCE THIS ART WORK AS REPRESENTED BY THIS PROOF. PLEASE VERIFY AND SIGN THIS PROOF APPROVAL. NO PRODUCTION WILL BEGIN WITHOUT SIGNED APPROVAL.

LABELS/OD: 11
UPC: 8 11055 01002 5
FINISH: LAM
STOCK: WHITE BOPP
ADHESIVE: PERMANENT
RLG PART #: 2412-44229B
ARTIST: CC

BOOK

PROCESS BLACK

BOOK PLACEMENT (does not print) DIÉLINE (does not print)

APPROVED AS IS: Signature of Authorized Customer Representative Date

CHANGES: (Please add below) Signature of Authorized Customer Representative Date

Blending Heart
- Beach Area Spray: Apply at 65 - 132 ppm when plants are well rooted and have 6 - 8 inches of new growth, but prior to initiation of flowering. Drench: Apply at uniformly moist media about 3 weeks after planting at a concentration of 2 - 4 ppm. 
- Columbine (Aquilegia)
  - Beach Area Spray: Apply when plants are well rooted but prior to initiation of flowering.
- Delphinium
  - Beach Area Spray: Apply when plants are well rooted but prior to initiation of flowering. Drench: Apply to uniformly moist potting media.
- Faradiva
  - Spray: Apply when plants are well rooted and actively growing. Drench: Apply to uniformly moist potting media.
- Libelle
  - Drench: Apply to uniformly moist potting media.
- Poinsettia
  - Drench: Apply at a concentration of 0.6 - 2 ppm. Apply to uniformly moist potting media. Application timing may vary depending upon the variety, height goal desired and individual grower experience. 
  - Application Timing: Early Applications: Treat plants at pinch to 4 weeks after pinch, or 8 to 12 weeks before finishing.
  - Late Applications: The timing of application should be based upon the height of the poinsettia in relation to height goal. If final plant height goal is 15 inches, then apply A-Rest when the plants are 12 - 13 inches in height. To ensure uniformity, any plants shorter than 15 - 10 inches should not be treated at that time.
  - Applications after the Start of Short Days: A-Rest may be applied as a drench very late in the crop cycle without adversely affecting the bud size or quality. The suggested trial rate is 1.0 ppm

Woodland Landscape Plants
(Container-Grown in Greenhouses and Shadehouses)
A-Rest is effective in controlling the height of a wide variety of woody landscape plants using either spray or drench applications. Rates range for different species vary greatly. Trials should be conducted using rates outlined in the section on DETERMINING OPTIMUM RATES.

Some examples of woody landscape plants to which A-Rest may be applied are:
- Azalea
- Gardenia
- Holly
- Hydrangea

STORAGE AND DISPOSAL
Do not contaminate water, food or feed by storage and disposal. 
Pesticide Storage: Acid storing. Store in original container only. In case of leak or spill, use absorbent materials to contain liquids and dispose as waste. 
Pesticide Disposal: Washes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Nonrefillable Container Disposal (right), 6 gallons or less: Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container with water and recap. Shake for 10 seconds. Pour rinse into application equipment or mix tank or store rinse for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat the procedure two more times. Then offer for recycling (if available) or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.
DATE: 9/17/09

COMPANY: SEPRO

ATTENTION: AMY DUGGER-RONYAK

DESCRIPTION: A-REST 2.5 GALLON BOOKLET

SPC-30231602

BASE SIZE: 6.25 X 7 BOOK SIZE: 6.25 X 5.625

BASE SHAPE: RCR

LABELS/OD: 11

UPC: 8 11055 01002 5

FINISH: LAM

STOCK: WHITE BOPP

ADHESIVE: PERMANENT

RLG PART #: 2412-44229B

ARTIST: CC

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BOOK

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It is impossible to eliminate all risks associated with use of this product. Plant injury, lack of performance, or other unintended consequences may result because of such factors as use of the product contrary to label instructions (including conditions noted on the label such as unfavorable temperatures, soil conditions, etc.), abnormal conditions (such as excessive rainfall, drought, tornadoes, hurricanes), presence of other materials, the manner or application, or other factors, all of which are beyond the control of SePRO Corporation as the seller. To the extent consistent with applicable law, all such risks shall be assumed by the buyer.

LIMITATION OF REMEDIES

To the extent consistent with applicable law, the exclusive remedy for losses or damages resulting from this product (including claims based on contract, negligence, strict liability, or other legal theories) shall be limited to, at SePRO Corporation's election, one of the following:

1. Refund of purchase price paid by buyer or user for product bought, or
2. Replacement of amount of product used.

To the extent consistent with applicable law, SePRO Corporation shall not be liable for losses or damages resulting from handling or use of this product unless SePRO Corporation is promptly notified of such losses or damages in writing. To the extent consistent with applicable law, in no case shall SePRO Corporation be liable for consequential or incidental damages or losses.

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A-Rest Solution

For height control in container-grown ornamentals, foliage plants and bedding plants.

Active ingredient
AmIpAL 35% [crotoproxy = (a-metoprim)phenyl] - 0.0504%
Other Ingredients - 99.9496%
TOTAL - 100.00%

Contains 1.000 gms of active ingredient per gallon.

PRECAUTIONARY STATEMENTS
Hazards to Human and Domestic Animals

Keep Out of Reach of Children

CAUTION / PRECAUCIÓN

Si usted no entiende la etiqueta, busque a alguien para que se le explique el uso en detalle. (si no entiende el use, pregúntele a alguien que sepa.)

Harmful if swallowed or if inhaled. Avoid breathing dry powder or contact with skin, eye or clothing. Remove contaminated clothing and wash before reuse.

ENVIRONMENTAL HAZARDS
Do not apply directly to water or to areas where surface water is present or to irrigation areas below the mean high water mark. Do not contaminate water when disposing of equipment washwater or residue.

Refer to label booklet for additional precautionary information and Directions for Use.

Notice: Read the entire label. Use only according to label directions.

For additional information on our products, please visit www.sepro.com.

Plant Growth Regulator

Net contents 2.5 gallons

STORAGE AND DISPOSAL
Do not contaminate water, food or feed by storage or disposal. Pesticide Storage: Avoid freezing. Store in original container only. In case of spill or spill, use absorbent materials to contain liquid and dispose as waste in approved waste disposal facility. Nonrefillable Container Disposal: (Keep, fill a container or fill a tank) properly after emptying. Three times as follows: Empty the remaining contents into application equipment or a mix tank and drain for 2 seconds after the flow begins to drip. Fill the container with water and reseal. Shake for 30 seconds. Pour excess into application equipment or a mix tank or store residue for later use or disposal. Drain for 4 seconds after the flow begins to drip. Repeat the procedure two more times. Then offer for recycling. If available or recycling is not practical, place and dispose of it in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

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EPA Est. No. 999999/NC-001
FPL081830
SPC- 30001-999

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