**Greenhouse Plant Growth Regulators**

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<th>Key Features</th>
<th>A-Rest</th>
<th>B-Nine WSG</th>
<th>Bonzi</th>
<th>Cycocel Extra</th>
<th>Promalin</th>
<th>Florel 240 SC</th>
<th>Sumagic</th>
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<tbody>
<tr>
<td><strong>Product Size</strong></td>
<td>4 Ltr</td>
<td>1 Ltr</td>
<td>1 &amp; 10 Ltr</td>
<td>500 Mls.</td>
<td>1 Ltr</td>
<td>1 Ltr</td>
<td>4 Ltr</td>
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<tr>
<td><strong>Crops</strong></td>
<td>Easter Lilies, Poinsettia, and Chrysanthemums</td>
<td>Geranium, Poinsettia, Azalea, Hydrangeas, and bedding plants</td>
<td>Geranium and Bedding Plants</td>
<td>Geranium and Poinsettia</td>
<td>Easter Lilies</td>
<td>Potted Greenhouse Ornaments (See label details)</td>
<td>Geranium, Poinsettia, Easter Lilies, and certain bedding plants</td>
</tr>
<tr>
<td><strong>Application</strong></td>
<td>Apply as drench to moist soil</td>
<td>Foliar application just to runoff</td>
<td>Foliar Spray or Soil Drench</td>
<td>Apply as drench to moist soil</td>
<td>Foliar spray; good coverage required</td>
<td>Foliar Spray, But NOT to runoff</td>
<td>Foliar Spray Only</td>
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<tr>
<td><strong>Mode of Action</strong></td>
<td>Reduces internode elongation producing more compact plants</td>
<td>Translocates within plant reducing internode elongation</td>
<td>Reduces internode elongation producing more compact plants</td>
<td>Absorbed by roots, moves systemically to actively growing shoots</td>
<td>Only plant parts covered by spray protected from leaf yellowing</td>
<td>Foliar spray enters plant, breaks down to ethylene and increases lateral branching</td>
<td>Retards elongation rapidly. Rate assessment within 7 days</td>
</tr>
<tr>
<td><strong>Absorption Time</strong></td>
<td>30 minutes</td>
<td>Keep wet as long as possible</td>
<td>30 minutes</td>
<td>Keep wet as long as possible</td>
<td>N/A</td>
<td>N/A</td>
<td>30 minutes</td>
</tr>
<tr>
<td><strong>Notes / Tips</strong></td>
<td>Easy to use.</td>
<td>Water-soluble; only moves into plant when leaves are wet.</td>
<td>Ensure accurate mixing rate. Agitate frequently. Lower temps enhance effect.</td>
<td>Water-soluble; needs time to move into plant.</td>
<td>To decrease yellowing of lower leaves and delay flower decline.</td>
<td>Highly active; mix and apply at cooler temps in pH buffered water.</td>
<td>Be careful of mixing/calibration rates. Agitate frequently</td>
</tr>
</tbody>
</table>

**A-Rest**
- Liquid concentrate registered for height control of Easter Lilies, Poinsettias, and Chrysanthemums.
- Applied as a drench treatment to moist soil.
- Reduces internodal elongation resulting in a more desirable, compact plant.
- Degree of regulation dependent on amount of active ingredient applied to plant.
- Rate: 8.4 ml - 34.5 ml/L of water. See label for drench volumes and pots treated.
- 4 litre container.
- PCP: 12225.

**B-Nine WSG**
- Water soluble formula in an easy-to-use, low dust granule.
- Applied as a foliar spray to point of run-off.
- Use on a wide variety of container-grown bedding plants, Poinsettias, Azaleas, Chrysanthemums, and Hydrangeas.
- Produces stronger stems, greener leaves, and more drought-tolerant plants.
- Rate: 1.8 grams - 12 grams/L of water.
- 500 gram or 10 kg containers.
- PCP: 17465.

**Bonzi**
- Liquid concentrate PGR registered for use on container-grown ornamental bedding plants and plugs.
- Applied as a foliar spray or into the soil.
- Reduces internodal elongation.
- Rate: Suggested application method and rate varies by crop. Please consult label before use.
- 2 L bottle.
- PCP: 25635.

**Cycocel Extra**
- Concentrated liquid PGR registered for use on greenhouse-grown Poinsettias and Geraniums.
- Retards growth while enhancing appearance of plant - compact with shorter nodes, stronger stems, and smaller, darker green foliage.
- Applied as a uniform media drench.
- Rate: 325-650 mL/100 L of water = 1500-3000 ppm Active Ingredients. Drench volume depends on pot size. See Label. (i.e. 6” pots=180 mL drench).
- 1 L or 10 L container.
- PCP: 17001.

**Florel 240 SC**
- A Plant Growth Regulator intended to increase lateral branching of many potted greenhouse grown ornamentals including Begonia, Geranium, New Guinea Impatiens, and Poinsettias.
- Apply as a spray to thoroughly wet foliage, but NOT to runoff.
- Rates vary by plant species – please consult and follow label mixing rates accurately.
- Restricted-entry interval (REI) of 12 hours.
- 1 litre container.
- PCP#: 29593

**Sumagic**
- An extremely active PGR. Very accurate measuring, diluting, and application is required.
- Registered for Poinsettias, Chrysanthemums, Easter Lilies, Geraniums, and a range of bedding plants listed on the label.
- Applied as a foliar spray.
- Rate: Varies by plant variety; please consult label. Sample Rates: Poinsettias: 4-16 ml/2 L of water/10m² Impatiens: 5-20 ml/2 L of water/10m²
- 4 L container.
- PCP: 25781.