

# Greenhouse Plant Growth Regulators

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



**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/10m<sup>2</sup> Impatiens: 5-20 ml/2 L of water/10m<sup>2</sup>
- 4 L container.
- PCP: 25781.