Use of concise on plants not specifically listed on the label: use Table 2 as a guideline to determine optimal application rate on unlisted plants. Conduct trials on a small number of plants under actual use conditions starting with the lowest recommended rate and adjust accordingly.

Notes:
- For drench applications, apply about 4 fl. oz. of drench solution to a 6 inch pot. Adjust volume according to pot size.
- For pre-plant bulb soaks, it may be necessary to adjust both rates and soak time in order to achieve the desired effect.

APPLICATION INFORMATION:

Concise can be applied through five different application methods: foliar spray, drench, bulb dip, liner/cutting dip, and as a pre-plant application to the soil surface.

Concise is a highly active plant growth regulator. Care must be used when measuring, diluting, and applying concise. Excessive doses will result in extreme stunting and may adversely affect flowering, plant appearance, quality and marketability.

Variable plant response to concise due to plant surface area is possible. Extreme temperatures will influence the plant response to concise.

For best results, apply concise in the morning or late afternoon, when plants are not environmentally stressed. Concise treatment retards elongation almost immediately. Rate response for most species can be determined within five to seven days after application. If desired results are not evident, reapply as necessary. If increased growth reduction is likely due to concise being taken up through the soil and roots with the irrigation water under these conditions.

Pre-Plant Application to Soil Surface

Application of concise to the soil surface just prior to planting plugs often results in more uniform plant height. Concise is easily absorbed through the roots and translocated in xylem tissue to plant terminals. Generally, reduced rates are required with preplant applications of concise prior to transplanting plugs.

Optimal rates will vary between plant species. Growers should conduct trials on a small number of plants under typical use conditions to determine the optimum use rate. Soil media will also influence plant response to concise. Media high in pine bark may require higher rates. Experimental data used to support this application technique were gathered using overhead watering, not on subirrigated plants.

Drench Applications

Drench applications of concise are more uniform and generally result in more consistent height response. Concise is easily absorbed through the roots and translocated in xylem tissue to plant terminals. Generally, reduced rates are required with preplant applications of concise prior to transplanting plugs.

Optimal rates will vary between plant species. Growers should conduct trials on a small number of plants under typical use conditions to determine the optimum use rate. Soil media will also influence plant response to concise. Media high in pine bark may require higher rates. Experimental data used to support this application technique were gathered using overhead watering, not on subirrigated plants.

Pre-Plant Bulb Dips

Bulb dips are an effective and economical method of reducing height of bulb crops. This method is also a uniform application method for concise prior to planting. Soak bulbs in a solution of concise for 1 to 5 minutes prior to planting. See Bulb Crops section of the concise label for further information.

Concise®, is a registered trademark of Fine Agrochemicals, Ltd. Sumagic® is a registered trademark of Sumitomo Chemical Company, Ltd. Material safety data sheet is available from www.fine-americas.com. ALWAYS READ AND FOLLOW LABEL DIRECTIONS BEFORE USE.

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Excellence in PGR technology

Fine 25th anniversary: 1988-2013
25 years of proven performance
CONCISE SUMAGIC®

ORNAMENTAL PLANT GROWTH REGULATOR

INTRODUCTION:
Concise is an effective growth retardant for use on a broad variety of ornamental crops. Concise reduces plant height by limiting internode elongation, producing more desirable, compact and marketable plants. In addition to growth reduction, concise has also shown to increase overall crop quality.

BENEFITS:
- Concise is labeled for a broad range of ornamental crops, including bedding plants, potted plants (flower/foliage), bulb crops, and herbaceous and woody perennials.
- Concise is highly effective at low use rates.
- Concise produces more compact and marketable plants.
- Concise provides longer lasting results i.e. with darker colors, can be applied via foliar spray, drench, dip (bulb/liner).
- Concise has improved activity on hard to control species.
- Concise can be used on a wide range of ornamental plants.
- Concise diameter reduces plant height by limiting (the same active ingredient in Sumagic)
- Concise produces more compact and marketable plants.
- Concise is highly effective at low use rates.
- Concise has improved activity on hard to control species.
- Concise can be applied via foliar spray, drench, dip (bulb/liner) or media spray.

MODE OF ACTION:
Uniconazole-p is the active ingredient in Concise (the same active component as in Sumagic®).

Uniconazole-p is a triazole plant growth regulator that inhibits gibberellin biosynthesis by preventing oxidation of ent-kaurane into ent-kauranolic acid. One of the main roles of gibberellins in plants is the stimulation of cell elongation. When Concise is applied, cell division still occurs, but the new cells do not elongate.

CROPS AND USES:
Concise can be used on a wide range of ornamental plants.
Always consult the Concise label for detailed instructions.
For additional information, contact your local distributor or Fine representative.

Table 1: General recommendations for Concise

<table>
<thead>
<tr>
<th>CROP</th>
<th>USE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bedding plants</td>
<td>To keep plants compact, improve plant density and uniformity, increase branching. Additional benefits include darker foliage, better root system, improved shelf life and transplant properties, and in some situations, more flowers.</td>
</tr>
<tr>
<td>e.g. ageratum, alyssum, calendula, dahlia, pansy, petunia, salvia, verbena, etc.</td>
<td></td>
</tr>
<tr>
<td>Bulb crops</td>
<td>To control plant height, improve plant density and uniformity.</td>
</tr>
<tr>
<td>Geraniums</td>
<td>To keep plants compact, improve plant density and uniformity, increased branching.</td>
</tr>
<tr>
<td>Poinsettia</td>
<td>To produce compact, sturdy plants with uniform height and foliage color of the same flower color.</td>
</tr>
<tr>
<td>Woody landscape</td>
<td>To control excessive vegetative growth and improve plant form.</td>
</tr>
<tr>
<td>ornamentals</td>
<td></td>
</tr>
</tbody>
</table>

COMPARABLE AND PROVEN EFFICACY:

Marigold
- Test Species/Cultivar: Tagetes patula “Yellow Fire”
- Trial Location: University of Florida, WYREC, Milton, FL
- Trial Date: Spring 2006
- Objective: Compare efficacy of Concise to Sumagic
- Schedule:
  - Plugs planted 3/1/06
  - PGRs applied on 3/15/06
- Application Method: Foliar spray
- Pot Size: 3.5 inch (1801 tray)
- Data Collection: Efficacy measured at marketing phase (60% flowering in plot)

Zonal Geranium
- Test Species/Cultivar: Pelargonium hortorum “Rocky Mountain Royal Red”
- Trial Location: North Carolina State University, Raleigh, NC
- Trial Date: Spring 2006
- Objective: Compare efficacy of Concise to Sumagic
- Schedule:
  - Plugs planted on 2/17/06
  - PGRs applied on 3/13/06
- Application Method: Foliar spray
- Pot Size: 6 inch filled with Berger BM5 Substrate
- Data Collection: 4/23/06 (total height, canopy height, diameter)

RECOMMENDED TRIAL RATES:

<table>
<thead>
<tr>
<th>CROP</th>
<th>USE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bedding Plants</td>
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</tr>
<tr>
<td>ornamentals</td>
<td></td>
</tr>
</tbody>
</table>

Table 2: Trial rate table (PPM)

<table>
<thead>
<tr>
<th>PLANT TYPE</th>
<th>SOLUTION CONCENTRATION (PPM)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Spray Pre-Plant Drench Bulb Dip</td>
</tr>
<tr>
<td>Bedding Plants</td>
<td>1 to 50 0.5 to 20 0.1 to 2 n/a</td>
</tr>
<tr>
<td>Bedding Plants Plugs*</td>
<td>0.5 to 10 0.5 to 10 not recommended n/a</td>
</tr>
<tr>
<td>Flowering/Foliage</td>
<td>5 to 40 0.5 to 10 n/a</td>
</tr>
<tr>
<td>Potted Crops**</td>
<td>20 to 50 1.5 to 20 0.1 to 1 0.5 to 2 n/a</td>
</tr>
<tr>
<td>Herbaceous Woody species</td>
<td>10 to 50 1 to 20 1 to 2 n/a</td>
</tr>
<tr>
<td>Woody Landscape</td>
<td>10 to 50 1 to 20 1 to 2 n/a</td>
</tr>
<tr>
<td>Ornamentals</td>
<td>10 to 50 1 to 20 1 to 2 n/a</td>
</tr>
<tr>
<td>Bulb Crops</td>
<td>2.5 to 20 0.5 to 10 1 to 3 1 to 10 n/a</td>
</tr>
</tbody>
</table>

Always read and follow label requirements.
* Bedding plant plugs can be especially sensitive to Concise.
** Annual or perennial

Optimum Concise rates depend on the desired final plant size, in addition to many physical and environmental factors. Growing practices such as watering, potting media, fertilization, temperature and light conditions also affect the plant growth response at a specific rate.