

2020-0629
2020-09-24

CONCISE™

Plant Growth Regulator

COMMERCIAL

SOLUBLE CONCENTRATE

FOR GREENHOUSE USE ONLY

ACTIVE INGREDIENT: UNICONAZOLE -P

0.055%

READ THE LABEL BEFORE USING

REGISTRATION NUMBER 32342

PEST CONTROL PRODUCTS ACT

CAUTION POISON

Manufactured by:
Fine Agrochemicals Limited
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Distributed by:
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NET CONTENTS : 1-10 LITRES

PRECAUTIONS

- **KEEP OUT OF REACH OF CHILDREN**
- Wash concentrate from skin or eyes immediately
- After use, wash hands and other exposed skin
- Remove contaminated clothing immediately after handling this product. Wash separately from other laundry before reuse
- For mixing, loading, application, clean-up and repair wear waterproof rain gear (e.g. Tyvek coveralls) with a hood, chemical-resistant gloves, goggles, socks, rubber boots and a HIOSH approved organic-vapour-removing cartridge with a prefilter approved for pesticides, or a NIOSH-approved canister approved for pesticides.
- Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours. Contamination of water in ponds, streams, rivers and areas with desirable vegetation should be avoided
- Store the container tightly closed
- Store the container away from seeds, feeds, fertilizer, plants and foodstuffs

FIRST AID

IF SWALLOWED: Call a poison control centre 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 centre or doctor. Do not give anything by mouth to an unconscious person.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15–20 minutes. Call a poison control centre or doctor for treatment advice.

IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth –to-mouth if possible. Call a poison control centre 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 centre or doctor for treatment advice.

Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

Note to Physicians: Emergency Information – call 1-800-892-0099

TOXICOLOGICAL INFORMATION: Treat symptomatically.

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ENVIRONMENTAL HAZARDS

This product demonstrates the properties and characteristics associated with chemicals detected in ground water. The use of this chemical may result in contamination of groundwater particularly in areas where soils are permeable and/or the depth to the water table is shallow.

NOTICE TO USER

This pest control product is to be used only in accordance with the directions on the label. It is an offence under the Pest Control Products Act to use this product in a way that is inconsistent with the directions on the label.

DIRECTIONS FOR USE

IMPORTANT NOTES

- CONCISE is an extremely active plant growth regulator. Avoid excessive doses by exercising care when diluting and applying the product. Overdosing could result in plant retardation and other adverse effect on flowering, plant appearance and marketability. Avoid spray drift onto non-target species.
- Apply to well watered, vigorously growing plants. Do not mix with other products such as pesticides, fertilizers, or adjuvants.

PRECAUTIONS

- FOR GREENHOUSE USES ONLY
- Do not apply CONCISE in a manner inconsistent with the recommendations on the label.
- Do not use in greenhouses with soil floors consisting of sand or sandy loam soil.
- Do not reuse soil from plants treated with CONCISE.
- Do not use on cranesbill geranium (*Geranium spp.*)
- CONCISE is recommended to be applied during morning or late afternoon hours.
- Do not allow effluent or runoff from greenhouses containing this product to enter lakes, streams, ponds or other waters.
- Concise retards elongation almost immediately after application. Assessment of rate response can often be made about one week after treatment
- For Poinsettias and Chrysanthemums only, if response is inadequate after the initial application within the recommended rate range, a repeat application can be made.
- Differences in plant response to CONCISE due to plant surface area in relation to soil surface area are possible
- Within the recommended rates of use, there can be differences in response at extreme high or low temperature rates. A higher rate may be required at high temperatures than at low temperatures to achieve the same effect.
- DO NOT apply using handheld mist blowers/airblast or handheld fogging equipment.
- DO NOT apply to ornamentals grown for cut flowers.

GENERAL INFORMATION

CONCISE can be used to reduce plant height by limiting internode elongation through the inhibition of gibberellin synthesis. The product retards the growth of Poinsettias, Chrysanthemums, Easter Lilies, Geranium and Bedding Plant Species. Dilute with water according to the directions below. Apply as foliar spray with standard spray equipment.

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Effective dose is strongly dependent on the application volume. Rates expressed are based on a spray volume of 2 litres applied uniformly to 10 square metres of bench area. For best response, use low pressure and larger pressure droplets.

Cultural and environmental factors such as growing media, water/fertiliser management, temperature, light, relative day and night temperatures, and growing house composition influence the plant response to CONCISE. First time users of CONCISE should treat a limited number of plants at the lowest recommended rate. Adjust rates within the recommended rate range as required for best effect. For any given rate, the effect of temperature can be significant. Within the recommended rate range, a higher rate may be required at higher temperatures than at lower temperatures for the same effect.

CONCISE has been tested on a limited range of cultivars. Plant response to CONCISE is strongly influenced by genetic background. First time users of CONCISE should treat a limited number of plants at the lowest recommended rate, observe plant response and make rate adjustments accordingly.

POINSETTIA

Apply CONCISE as a foliar spray when lateral shoots are 3.5 to 5.0 cm in length (about 10 to 14 days after pinching). Use a rate of 4 to 16 ml/l (2-8 ppm) and apply uniformly at a spray volume of 2 litres per 10 square meters of bench area. Apply one or two treatments at 7 day intervals until the desired growth characteristics are achieved. Bract size and diameter may be slightly reduced with treatment, and days to flowering may be delayed. Multiple applications of the lower label rate may provide more satisfactory response. Applications later in the season (after short-day initiation) may have negative effects on bract size, plant quality, and marketability. **DO NOT APPLY TO POINSETTIAS AFTER INITIATION OF SHORT DAYS.**

CHRYSANTHEMUMS

CONCISE can be applied to pot Chrysanthemums as well as hardy Chrysanthemums. Use as a foliar spray 7-14 days after pinching when the length of the breaks is 3.5 to 5.0cm. Use a rate of 10 -20 ml/l (5-10ppm) and apply uniformly in a spray volume of 2 litres per 10 square meter of bench area. A single repeat spray can be applied 7-21 days after the initial application to increase the level of growth reduction.

Multiple applications may have more effect than the same amount of product applied as a single treatment. A solution of 40ml/l (20ppm) can be applied in a spray volume of 2 litres per 10 square meters of bench area, but **DO NOT** make a repeat application following the 20ppm spray

EASTER LILIES

Apply CONCISE as a foliar spray when shoots are 7.5 cm tall. Use a rate of 6-60ml/l (3-30 ppm) and apply uniformly in a volume of 2 litres per 10 square metres of bench area. A single repeat spray of 3-5 ppm may be applied 2-3 weeks after initial spray of 3-5 ppm. **DO NOT** make a repeat application following a spray of greater than 5 ppm. Avoid late-season application. Insufficient height reductions may result following application of CONCISE to Nellie White Easter lilies grown under zero or negative DIF (day temperatures the same as or lower than night temperatures)

NOTE: Easter lilies that have been treated with CONCISE may have lower requirement for water.

GERANIUM AND BEDDING PLANT SPECIES

Apply as a foliar spray.

Geranium and bedding plant species for which CONCISE is acceptable with stated restrictions

Host species	Acceptable rate (ppm uniconazole-P)*	Acceptable maximum number of applications**	Acceptable application timing*** (plant height)
Bedding plants			
Celosia (<i>Celosia plumose</i>)	2.5-10	2	5-10 cm
Coleus (<i>Coleus sp.</i>)	5-10	1	2-5 cm
Impatiens (<i>Impatiens walleriana</i> or <i>I. balsamina</i>)	2.5-10	2	3-10 cm
Marigold (<i>Calendula officinalis</i> , <i>Tagetes erectus</i> , <i>T. patula</i> and <i>T. signata</i>)	5-15	2	5-10 cm
Pansy (<i>Viola wittrockiana</i>)	1-6	1 if >3ppm was applied 2; both applications of 1-3ppm	3-5 cm
Periwinkle (<i>Vinca minor</i>)	1-3	2	5-10 cm
Petunia (<i>Petunia</i> hybrid)	10-30	1	2-5 cm
Salvia (<i>Salvia splendens</i> , <i>S. horminum</i> , <i>S. farinacea</i> , <i>S. coccinea</i> and <i>S. sclarea</i>)	1-10	2	3-10 cm
Snapdragon (<i>Antirrhinum majus</i>)	10-30	1 if >15 ppm was applied 2; both applications of 10-15 ppm	5-10 cm
Viola (<i>V. tricolor</i> , <i>V. cornuta</i> and <i>V. williamsii</i>)	1-5	1	2-5 cm
Geranium (Zonal: <i>Pelargonium hortorum</i> , and Ivy: <i>Pelargonium peltatum</i>)	2-4 if grown from seed; 2-8 if vegetatively propagated	2	2-4 ppm on seed geraniums when plant height is 5 -16 cm.

*CONCISE is extremely active at very low rates. Growers are advised to start with lower rates for younger seedlings. Apply only by foliar spray.

** To some crops (as indicated), a second application may be made as required, but no earlier than 7 days after the first application.

*** The application timing proposed was 5-16 cm height for all proposed bedding plant species. The application timing shown in this column was supported by the submitted data, however, the applicant and registrant may further restrict the application timing, but only within the accepted application window.

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STORAGE AND DISPOSAL

PROHIBITIONS

Do not contaminate water, food or feed by storage, disposal or cleaning of equipment.
Open dumping is prohibited.

STORAGE

Keep pesticide in original container. Do not put concentrate or dilute solutions into food or drink container. Store in cool, dry and well ventilated place away from seed, feed, fertilizer or other pesticides. Do not store diluted spray.

DISPOSAL

1. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
2. Follow provincial instruction for any required additional cleaning of the container prior to its disposal.
3. Make the empty container unsuitable for further use.
4. Dispose of the container in accordance with requirements of the province
5. For information on disposal or unused or unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in the event of a spill and for clean-up activities.

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