

# A foliar spray that increases lateral branching of many potted ornamental species

## Best uses

A foliar spray of Florel<sup>®</sup> Plant Growth Regulator will increase lateral branching of many potted, greenhouse-grown ornamental species. Maximize your plants' appearance and production. Florel is for use on stock plants, on rooting transplants and in final production.

## Key strengths

Application of Florel Plant Growth Regulator increases lateral branching of many potted, greenhouse-grown ornamental species, thereby reducing stem elongation. This can eliminate manual pinching of some species.

## Features and benefits of applying Florel

- Convenient packaging for small or large applications (4 x 1 L case)
- An ethylene-producing chemical that increases branching
- Faster branching with little or no pinching

## How it works

When applied to plants, Florel Plant Growth Regulator readily enters the plant and breaks down to ethylene, a naturally occurring plant hormone. Ethylene production within the plant is stimulated by stress. For this reason, it is important plants being treated are not under stress from drought, high temperature, disease or other environmental stresses.

## Environmental impact

All pesticides are regulated under the Pest Control Products Act to ensure they do not pose an unacceptable risk to human health and the environment. For information regarding the pesticide regulatory process, visit Health Canada's Pest Management Regulatory Agency website <https://www.canada.ca/en/health-canada/corporate/about-health-canada/branches-agencies/pest-management-regulatory-agency.html>



**Active ingredient**  
ethephon 240 g/L



**Formulation**  
liquid



**Packaging**  
case = 4 x 1 L

## Florel rate chart

Crop	Rate
New Guinea impatiens	Mix 104 mL of Florel <sup>®</sup> Plant Growth Regulator in 100 L of water (250 ppm) and apply to thoroughly wet the foliage but not to runoff
Begonia, chrysanthemum (perennial species), fuchsia, geranium, sweet potato vine (ipomea), lantana, poinsettia, verbena and vinca vines (Vinca major)	Mix 208 mL of Florel Plant Growth Regulator in 100 L of water (500 ppm) and apply to thoroughly wet the foliage but not to runoff

- Use low rate of Florel 104 mL/100 L under low light conditions and on compact varieties as a strong growth regulating effect can occur under these conditions
- Use of higher rate of Florel Plant Growth Regulator is recommended once experience has been gained with the product on specific crops
- Apply Florel Plant Growth Regulator spray solution within 24 hours after mixing

## Application timing

Crop	Rate
Stock plants	Apply Florel <sup>®</sup> Plant Growth Regulator to stock plants on a 14-day interval with a maximum of 4 applications. Apply in the evening or early morning. Ensure a high soil temperature (21–23 °C) and a low carrier pH (5.5) is maintained. Make applications at normal pinching times instead of hand pinching. To optimize the vigour of cuttings, do not make applications for two weeks prior to harvesting cuttings from stock plants.
Finished plants	Apply Florel <sup>®</sup> Plant Growth Regulator 14–21 days after transplanting of rooted cuttings. Reapply every 10–14 days with a maximum of 4 applications. Apply in the evening or early morning. Ensure a high soil temperature (21–23 °C) and a low carrier pH (5.5) is maintained.

- To ensure flowering and full foliage on finished plants, do not make applications for 6–8 weeks prior to bloom or planned sale
- Not for use on cut flowers
- Do not apply in more than 1 L per 10 m<sup>2</sup> of bench space
- Do NOT enter into treated areas during the restricted entry interval (REI) of 12 hours

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