

# **REDUCTION OF HYACINTH STEM TOPPLE AND DAFFODIL PLANT HEIGHT**

## General Information

### GENERAL INFORMATION

Apply FLOREL BRAND GROWTH REGULATOR spray solution within 24 hours after mixing. DO NOT save unused diluted spray solutions as they will not be as effective as fresh solutions.

For ground application only.

### UNDESIRABLE FRUIT ELIMINATION

A foliar spray of FLOREL BRAND GROWTH REGULATOR will reduce or eliminate undesirable fruit development on many ornamental trees and shrubs such as: Apple, Carob, Crabapple, Elm, Flowering pear, Flowering plum, Horsechestnut (Buckeye), Oak, Olive, Sour Orange, Sweetgum, Sycamore and others.

### MISTLETOE SHOOT REMOVAL

A foliar spray of FLOREL BRAND GROWTH REGULATOR will cause the abscission of dwarf mistletoe shoots in ornamental conifers and leafy mistletoe shoots in ornamental deciduous trees.

### GREENHOUSE, SHADEHOUSE AND FIELD GROWN FLORICULTURE CROPS

A foliar spray of FLOREL BRAND GROWTH REGULATOR will increase lateral branching, prevent flower initiation and development, and inhibit internode elongation on a wide range of floricultural crops. These include, but are not limited to: Azalea, Begonia, Chrysanthemum, Fuchsia, Zonal and Ivy Geranium, Impatiens, English Ivy, Lantana, Petunia, Poinsettia, Verbena, and Vinca vine (Vinca major).

### DEFOLIATION

A foliar spray of FLOREL BRAND GROWTH REGULATOR applied after buds are matured, will initiate earlier leaf drop of Roses, Tallhedge, and Apple nursery stock. This will allow digging of stock plants prior to the onset of unfavorable weather.

A foliar spray of FLOREL BRAND GROWTH REGULATOR to container-grown plumeria plants accelerates defoliation prior to storage. This reduces fungal problems on dormant plants. A foliar spray of FLOREL BRAND GROWTH REGULATOR to plumeria trees in the field causes leaf abscission and stimulates the appearance of

inflorescence buds. This use enhances winter flower production in warm sites such as Hawaii.

#### FLOWER INDUCTION OF BROMELIADS

A foliar spray of FLOREL BRAND GROWTH REGULATOR initiates flowering of ornamental bromeliads such as Ananas, Aechmea, Neoregelia, Vriesia, and Billbergia.

#### REDUCTION OF PLANT HEIGHT AND STEM TOPPLE

A foliar spray of FLOREL BRAND GROWTH REGULATOR will aid in reducing total plant height of potted daffodils and stem topple of potted hyacinths at time of full flower.

#### HYBRID SEED PRODUCTION

A foliar spray of FLOREL BRAND GROWTH REGULATOR will modify sex expression and flowering pattern of cantaloupe, cucumbers, pumpkins and squash to facilitate hybrid seed production. Do not use on cantaloupe, cucumbers, pumpkins or squash to be harvested for fresh or processed markets.

CHEMIGATION: Do not apply FLOREL BRAND GROWTH REGULATOR through any type of irrigation system.

#### Limitations, Restrictions, and Exceptions

##### REDUCTION OF HYACINTH STEM TOPPLE AND DAFFODIL PLANT HEIGHT

To reduce potted hyacinth stem topple at time of full flower, apply a foliar spray of FLOREL BRAND GROWTH REGULATOR before florets have opened. Most cultivars will respond to applications of FLOREL BRAND GROWTH REGULATOR at 1,000 to 2,000 ppm of ethephon (1/2 to 1 pint FLOREL BRAND GROWTH REGULATOR in 2.5 gallons of water). Bismarck, Jan Bos, Blue Giant, Delft Blue, and Madame Kruger may benefit from a second spray 2 days after the first.

To reduce total plant height of potted daffodils, apply a foliar spray of FLOREL BRAND GROWTH REGULATOR when the shoots are 3 to 4 inches tall. Most cultivars will respond to 2,000 ppm (1 pint of FLOREL BRAND GROWTH REGULATOR in 2.5 gallons of water) sprays of FLOREL BRAND GROWTH REGULATOR. For earlier forcing, Dutch Master, Joseph MacLeod, Flower Record, and Barrett Browning will benefit from a second spray 2 or 3 days after the first. Bridal Crown and Geranium require only 1,000 ppm of ethephon in spray solution (1/2 pint in 2.5 gallons of water). Gold Medal, Van Sion, February Gold, and Tete-a-Tete do not require FLOREL

BRAND GROWTH REGULATOR treatment.

Method

[Broadcast/Foliar Ground](#)

[Foliar spray](#)

Rates

[field rates 0](#)

[field rates 1](#)

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Restricted Entry Interval

48 hours

Timings

[Potted Daffodils: When the shoots are 3 to 4 inches tall.](#)