

UNDESIRABLE FRUIT ELIMINATION (ORNAMENTAL USE ONLY) - FOR SENSITIVE SPECIES

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

UNDESIRABLE FRUIT ELIMINATION (Ornamental Use Only)

A foliar spray of FLOREL BRAND GROWTH REGULATOR will reduce or eliminate undesirable fruit on ornamental trees and shrubs such as: Apple, Crabapple, Carob, Elm, Flowering pear, Flowering plum, Horsechestnut (Buckeye), Oak, Olive, Sour Orange, Sweetgum, Sycamore and others. Applications must be made before fruit set for best results.

When applied to plants, FLOREL BRAND 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 that plants being treated are not under stress from drought, high temperature, disease or other environmental stress conditions. Treating stressed plants can cause severe injury to the plant such as defoliation or leaf scorching. Injury from FLOREL BRAND GROWTH REGULATOR usually does not kill the plant, but can render

it unsightly.

Applications should be made at the mid to full bloom stage, prior to fruit set in spray volumes sufficient to wet, but not to runoff. Failure to wet blooms thoroughly will cause incomplete fruit elimination. Spraying too much (until runoff) may cause some defoliation or other plant injury. Sprays applied too early or too late will be less effective and result in incomplete fruit elimination. The activity of FLOREL BRAND GROWTH REGULATOR is linked to plant growth activity and is therefore slower acting when temperatures are low (60°F) or very high (95°F). Trees or shrubs should not be under stress when treated such as from drought, insects or diseases. Apply when rain is not expected for 24 hours.

For sensitive species such as Carob: Mix 0.5 quart FLOREL BRAND GROWTH REGULATOR in 10 gallons of water (500 ppm) and apply to thoroughly wet buds and blooms but not to runoff. Amount of spray used will depend on tree size. Some temporary leaf yellowing and drop of old leaves may occur after treatment.

FLOREL BRAND GROWTH REGULATOR has not been tested on all varieties of trees or shrubs which may have undesirable fruit. If it is necessary to treat plant species not listed above, treat only a small portion of the plant to determine the effectiveness of the product and to evaluate plant injury.

NOTES: (1) Plants under sprayed trees are usually not affected at this rate. However, some plants are sensitive to FLOREL BRAND GROWTH REGULATOR (nandina, maples, etc.). If desired or if effects are unknown, the plants may be covered before spraying or the solution can be washed off of foliage with a water hose after application. (2) FLOREL BRAND GROWTH REGULATOR is not intended to be used in commercial fruit production as a thinning agent.

Method

[Broadcast/Foliar Ground](#)

[Foliar spray](#)

Rates

[field rates 0](#)

[field rates 1](#)

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Restricted Entry Interval

48 hours

Timings

At the mid to full bloom stage, prior to fruit set.