

## **COMMERCIAL ORNAMENTAL PRODUCTION - SHORT TERM (2-4 MONTHS) CONTROL**

General Information

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Mode of Action

LESCO Pre-M AquaCap Herbicide is a meristematic inhibitor that interferes with the plant cellular division or mitosis and cell elongation in the growing points of shoots and roots of susceptible weeds. When susceptible weeds germinate in the treated area, they contact the herbicide and both shoot and root growth stops.

Translocation of the herbicide within the plant is limited. Affected weeds die shortly after growth is stopped, usually before emergence from the soil.

Weeds Controlled

LESCO Pre-M AquaCap Herbicide will not control established weeds. If weeds germinate before herbicide activation, shallow cultivate to destroy existing weeds or, where practical, remove by hand. When cultivating for any reason, it should be shallow. Use LESCO Pre-M AquaCap Herbicide with herbicides registered for postemergence application (i.e. Roundup herbicide or Finale herbicide) for the control of established weeds. DO NOT apply sprays containing Roundup or Finale over the top of desirable plants. A LESCO Pre-M AquaCap Herbicide treatment may be followed by any registered herbicide to control weeds not listed on the LESCO Pre-M AquaCap Herbicide label.

The efficacy of LESCO Pre-M AquaCap Herbicide will be improved if the application is followed by 1/2 inch of rainfall or its equivalent in sprinkler irrigation. Erratic weed control may result if LESCO Pre-M AquaCap Herbicide is not activated by rainfall or irrigation within 30 days.

The following grass and broadleaf weeds are controlled by preemergence treatments of LESCO Pre-M AquaCap Herbicide at the specified rates.

Application Use Sites

Use LESCO Pre-M AquaCap Herbicide for preemergence control of grass and certain broadleaf weed species as they germinate in any turfgrass site (golf courses, lawns, sod farms and other turf areas) and landscape ornamental maintenance areas. Examples of such sites include, but are not limited to: grounds or lawns around residential and commercial establishments, multifamily dwellings, military and other institutions, parks, airports, roadsides, schools, picnic grounds, athletic fields, houses of worship, cemeteries, golf courses, prairie grass areas, and sod farms.

LESCO Pre-M AquaCap Herbicide can be applied for general grounds maintenance in areas such as parking lots, driveways and roadsides, alleyways, bike and jogging paths, vacant lots, buildings, stone gardens and gravel yards, markers and fence lines, and mulch beds. It may be used under asphalt or concrete treatments as part of a site preparation program.

Use LESCO Pre-M AquaCap Herbicide for preemergence control of most annual grasses and certain broadleaf weeds as they germinate in any noncropland area such as railroad, utility, highway, and pipeline rights-of-way; highway guardrails, delineators, and sign posts; bridge abutments and approaches; utility substations; petroleum tank farms; pumping installations; storage areas; fence rows; windbreaks and shelterbelts; paved or gravel surfaces; and established wildflower plantings where weed control is desired.

LESCO Pre-M AquaCap Herbicide can also be used in bulb plantings, nonbearing fruit and nut tree nurseries, conifer and hardwood seedling nurseries, and tree plantations for site preparation and maintenance. Applications can be made, but are not limited to, plant species listed on the label such as trees, shrubs, groundcovers, perennials, bulbs, ornamental grasses, and bedding plants.

LESCO Pre-M AquaCap Herbicide can be used in and around field, liner, and container ornamental production.

### Application Instructions

LESCO Pre-M AquaCap Herbicide will not control established weeds. Therefore, areas to be treated should be free of established weeds at the time of treatment, or LESCO Pre-M AquaCap Herbicide may be used with herbicides registered for postemergence use in managed turf sites, landscape ornamentals, and in other noncropland areas. Consult the labels of those herbicides for suggested treatments,

rates, and precautions or restrictions for use in these areas. The efficacy of LESCO Pre-M AquaCap Herbicide will improve if the application is followed by 1/2 inch of rainfall or its equivalent in sprinkler irrigation. If LESCO Pre-M AquaCap Herbicide is not activated by rainfall or irrigation within 30 days, erratic weed control may result.

Applied according to label directions and under normal growing conditions, LESCO Pre-M AquaCap Herbicide or LESCO Pre-M AquaCap Herbicide tank mix combinations will not cause crop injury.

Overapplication can result in crop stand loss, crop injury, or soil residues. Uneven application can decrease weed control or cause crop injury.

Seedling diseases, cold weather, excessive moisture, high soil pH, high soil salt concentration, or drought can weaken seedlings and plants and increase the possibility of plant damage from LESCO Pre-M AquaCap Herbicide.

## Spraying Instructions

### Ground Application

Uniformly apply with properly calibrated ground equipment in sufficient water per acre to uniformly treat the area with a spray pressure of 25 to 50 psi. Suggested spray volumes are 20 to 200 gpa for professional turfgrass, landscape and ornamental applications, and 10 to 200 gpa for all other noncrop applications such as roadsides, utility rights-of-way, or soft-residual bareground applications. Maintain continuous agitation during spraying with good mechanical or bypass agitation. Avoid overlaps that will increase rates above those specified. Avoid application when winds may cause drift.

Avoid unintentional contact of spray solution with driveways, stone, wood, or other porous surfaces. Rinse immediately with water to avoid staining. Avoid mechanically scrubbing until surface area is thoroughly rinsed. Treated turfgrass should be dry before entering to avoid staining onto nontreated surfaces.

### Aerial Application

Uniformly apply in 5 or more gallons of water per acre. Exercise caution to minimize drift. DO NOT apply during periods of gusty winds or when wind conditions favor drifting. Spray drift can cause injury to sensitive crops. Use a flagman or an automatic mechanical flagging unit on the aircraft to avoid overlapping and possible

crop injury.

## Limitations, Restrictions, and Exceptions

### INSTRUCTIONS AND RESTRICTIONS IN PRODUCTION ORNAMENTALS

#### Application Use Sites

LESCO Pre-M AquaCap Herbicide can be used in and around field, liner, and container ornamental production. LESCO Pre-M AquaCap Herbicide sprays are safe around and over the top of the established plants listed in Table 4. Tolerant Ornamental Species. However, not all varieties or strains of the plant species listed have been tested. Refer to ornamental instructions and restrictions in the label before any application of LESCO Pre-M AquaCap Herbicide. Unintentional consequences such as crop injury may result because of certain environmental or growing conditions, manner of use, or application. Therefore, before treating a large number of plants, spray a few plants and observe for plant damage before fullscale application.

#### Application Instructions

LESCO Pre-M AquaCap Herbicide will not control established weeds. Therefore, areas to be treated should be free of established weeds at the time of treatment, or use LESCO Pre-M AquaCap Herbicide with herbicides registered for postemergence use in ornamentals and vegetation control sites. Consult the labels of those herbicides for suggested treatments, rates, and precautions or restrictions for use in these areas.

The efficacy of LESCO Pre-M AquaCap Herbicide will improve if the application is followed by 1/2 inch of rainfall or its equivalent in sprinkler irrigation. If LESCO Pre-M AquaCap Herbicide is not activated by rainfall or irrigation within 30 days, erratic weed control may result.

Applied according to label directions and under normal growing conditions, LESCO Pre-M AquaCap Herbicide or LESCO Pre-M AquaCap Herbicide tank mix combinations will not cause crop injury. Overapplication can result in crop-stand loss, crop injury, or soil residues. Uneven application can decrease weed control or cause crop injury.

Seedling diseases, cold weather, excessive moisture, high soil pH, high soil salt

concentration, or drought can weaken seedlings and plants and increase the possibility of plant damage from LESCO Pre-M AquaCap Herbicide.

#### PRODUCTION ORNAMENTALS INSTRUCTIONS AND RESTRICTIONS:

- Plant only those desirable plant species listed on the label into soil treated the previous season with LESCO Pre-M AquaCap Herbicide or injury may occur.

Newly transplanted field-grown nursery stock:

- Before treating a large number of plants, spray a few plants and observe for 1 to 2 months for plant damage before full-scale application.

- DO NOT treat plants grown for food or feed. DO NOT use treated plants for food or feed.

#### Application Instructions and Restrictions

1. DO NOT make over-the-top applications at time of field transplanting. Use shielded sprayer until plantings have been established for one (1) year or more in the field.

2. DO NOT apply until transplants have been watered and soil has been thoroughly packed and settled around transplants. Take care to ensure there are no cracks in the soil where LESCO Pre-M AquaCap Herbicide could come into contact with the roots.

3. DO NOT apply during bud swell, bud break, or at time of first flush of new growth.

4. Direct sprays away from grafted or budded tissue on transplants at all times.

Ornamental bulbs:

- DO NOT treat plants grown for food or feed. DO NOT use treated plants for food or feed.

1. LESCO Pre-M AquaCap Herbicide may be applied to bulb species listed on the label.

2. Apply before bulb emergence.

Newly transplanted container-grown nursery stock:

- Before treating a large number of plants, spray a few plants and observe for 1 to 2 months for plant damage before full-scale application.
  - DO NOT treat plants grown for food or feed. DO NOT use treated plants for food or feed.
1. DO NOT apply until transplants have been watered and soil has been thoroughly packed and settled around transplants. Take care to ensure there are no cracks in the soil where LESCO Pre-M AquaCap Herbicide could come into contact with the roots.
  2. For container-grown ornamentals, delay first application of the product to bareroot liners for two (2) weeks after transplanting.
  3. DO NOT apply during bud swell, bud break, or at time of first flush of new growth.
  4. Direct sprays away from grafted or budded tissue on transplants at all times.

Established container or field-grown nursery stock:

- Before treating a large number of plants, spray a few plants and observe for 1 to 2 months for plant damage before full-scale application.
  - DO NOT treat plants grown for food or feed. DO NOT use treated plants for food or feed.
1. DO NOT apply during bud swell, bud break, or at time of first flush of new growth.
  2. Apply as a directed or over-the-top spray.
  3. If newly budded or grafted rootstock, apply with a shielded sprayer.
  4. Take care to ensure there are no cracks in the soil where LESCO Pre-M AquaCap Herbicide could come into contact with the roots.

Bare ground for container placement:

- Apply to soil (including mulch, gravel, wood chips, or other permeable base); then water in. Replace containerized ornamentals onto pad.

Greenhouses, shadehouses, or other enclosed structures:

DO NOT apply in greenhouses, shadehouses, or other enclosed structures.

Weeds Controlled:

- Application of LESCO Pre-M AquaCap Herbicide should not be made sooner than four weeks after transplanting for these annuals. Use the lower labeled rate.

- These plants have shown tolerance to LESCO Pre-M AquaCap Herbicide applications of 4.2 pints/A (2.1 quarts/A) in wildflower plantings established from seed.

- Applications of LESCO Pre-M AquaCap Herbicide to immature ferns (during periods of new growth of fronds) may result in some injury.

- Applications of LESCO Pre-M AquaCap Herbicide should not be made during spring growth or injury to terminals may occur.

Method

[Broadcast/Foliar Air](#)

[Broadcast/Foliar Ground](#)

Rates

[field rates 0](#)

[field rates 1](#)

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Restricted Entry Interval

24 hours

Timings

[Preemergence \(Weed\)](#)