

COMMERCIAL ORNAMENTAL PRODUCTION - CHRISTMAS TREE PLANTATIONS - SHORT TERM (2-4 MONTHS) CONTROL

General Information

General Information

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

CHRISTMAS TREE PLANTATIONS

Use LESCO Pre-M AquaCap Herbicide in and around Christmas tree plantations. Apply LESCO Pre-M AquaCap Herbicide at planting or to established trees. When applying at planting, it is important to achieve slit closure to prevent LESCO Pre-M AquaCap Herbicide from directly contacting the tree roots or being washed into the root zone via the open slit or root stunting may occur.

For postemergence weed control, tank mix combinations of LESCO Pre-M AquaCap Herbicide plus Segment, Roundup, Finale, or other labeled herbicides are recommended. Refer to approved labeling for species recommendations. Determine rates for tank mix combinations from the product labels of LESCO Pre-M AquaCap Herbicide and partner herbicides before use. Use caution to prevent combination sprays from direct contact with desirable foliage or injury may result. LESCO Pre-M AquaCap Herbicide plus diuron or simazine combinations will broaden weed control spectrum; however, use of combinations may restrict LESCO Pre-M AquaCap Herbicide use in sensitive areas. Refer to manufacturer's labels for specific use directions, precautions, and limitations before application. Follow those that are most restrictive. Refer to Table 3. Weed Control in All Nonturfgrass Sites for LESCO Pre-M AquaCap Herbicide application rates.

Method

[Broadcast/Foliar Air](#)

[Broadcast/Foliar Ground](#)

[Broadcast/Foliar Air](#)

[Broadcast/Foliar Ground](#)

Rates

[field_rates 0](#)

[field_rates 1](#)

-

Restricted Entry Interval

24 hours

Timings

At-Plant

Preemergence (Crop)