



Section 18 Emergency Exemption

FOR DISTRIBUTION AND USE ON CRANBERRY IN OREGON
(CLATSOP, COOS, AND CURRY COUNTIES ONLY)

CALLISTO® Herbicide
Oregon Product ID 2007OR011

Effective Dates: March 30, 2007 to October 31, 2007

An Herbicide for the Control of Specific Susceptible Annual and Perennial Weeds when Applied Pre- and/or Post-Emergence on Cranberry

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

All applicable directions, restrictions and precautions on the registered product label for Callisto (EPA Registration No. 100-1131) must be followed.

These directions for use must be in the possession of the user at the time of application.

Failure to follow the use directions and precautions on this label may result in plant injury or poor weed control.

Specific Crop Use Directions

For the control of the following weed species: Bog St. John's Wort (*Hypericum boreala*), rushes (*Juncus canadensis*, *J. effuses*, *J. bufonlus*, *J. tenuis*), sedges spp. (*Carex* spp.), yellow loosestrife (*Lysimachia terrestris*) and silverleaf (*Potentilla pacifica*)

A maximum of 8.0 fluid ounces product per acre (0.25 lb ai/a) may be applied in a single application. A total of two (2) applications and not more than 16 fluid ounces product per acre (0.5 lb ai/a) can be applied per season. Sequential Callisto applications may not be applied within 14 days of each other. Do not apply Callisto within 45 days of cranberry harvest (45 day pre-harvest interval).

Callisto may be applied twice from between bud break and fruit set and at least 45 days prior to flooding for harvest or winter projection. For non-bearing beds, apply 45 days prior to fall or winter flooding. For use on non-bearing beds, do not harvest within 365 days of application. Callisto should be applied with a backpack sprayer or by ground applicator in 10 to 30 gallons per acre of spray volume with 1% (v/v) crop oil concentrate. Avoid using crop oils that are phytotoxic to cranberry leaves.

For bearing beds, the use period will be between bud break and fruit set (with a 45-day PHI). This is normally April 1 to July 15 (depending on harvest method).

For non-bearing beads, the use period will be between bud break and 90 days prior to fall or winter flooding. This is normally April 1 to October 15.

RESTRICTIONS: 1) Do not apply directly to water or areas where surface water is present. 2) Do not contaminate water when disposing of equipment wash water or rinsate. 3) Do not apply within 10 feet of surface water or where there is no buffer strip of vines between the treated area and any surface water. 4) Do not apply if temporary standing water is expected from a rain event. 5) Do not apply within 48 hours of expected rainfall. 6) Do not apply under conditions that may cause drift to nontarget areas. 7) Apply using 10 to 30 gallons per acre spray volume at 35-40 PSI with 1% (v/v) crop oil concentrate. Avoid using crop oils that are phytotoxic to cranberry leaves. 8) Apply only to susceptible annual and perennial broadleaf weeds, grasses and sedges. 9) Application may be made only by certified applicators or persons directly under their supervision. 10) Do not apply by aircraft. 11) Do not spray to runoff. 12) Do not apply through any type of irrigation system. 13) Avoid spray drift by using coarse sprays with large droplets and low pressure and by applying when wind speed is less than 5 mph. 14) Spot treatment can be applied only through a calibrated boom to prevent misapplication. 15) Do not apply within 10 feet of any water moving off or through the cranberry field. 16) Do not apply to soils which have a rapidly permeable surface soil (sand) and no impermeable subsurface (clay or peat) and where the water table of the underlying aquifer is shallow, unless there is a high organic base present (i.e. peat or muck soils). Beds should be free of any surface water up to 45 days after application. 17) Avoid application to adjacent wetland plant species. 18) Application can be made only to target weed species viable at the time of application. 19) Application must be made within the counties in Oregon that contain commercial cranberry plantings. 20) Do not apply if rainfall or sprinkler irrigation for frost protection is expected within 48 hrs. 21) Do not enter or allow worker entry into treated areas during the restricted entry interval (12 hours). Applicators must wear personal protective clothing consisting of long-sleeved shirt and long pants, chemical-resistant gloves and shoes, plus socks. Follow manufacturer's instructions for cleaning/maintaining PPE.

ATTENTION

DO NOT spray when conditions favor drift beyond area intended for application. Conditions that may contribute to drift include thermal inversion, wind speed and direction, sprayer nozzle/pressure combinations, spray droplet size, etc. Contact your State extension agent for spray drift prevention guidelines in your area. **AVOIDING SPRAY DRIFT IS THE RESPONSIBILITY OF THE APPLICATOR.**

Any adverse effects resulting from this use of Callisto Herbicide under this Emergency Exemption must be immediately reported to the Oregon Department of Agriculture.

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