



**Section 24(c) Special Local Need Label**

**FOR DISTRIBUTION AND USE ONLY WITHIN THE STATE OF OREGON**

**Callisto® Herbicide**

**EPA REG. NO. 100- 1131  
EPA SLN NO. OR-080035**

This label valid until December 31, 2013 or until otherwise amended, withdrawn, cancelled, or suspended.

**FOR WEED CONTROL, INCLUDING MANNAGRASS, IN ANNUAL RYEGRASS GROWN FOR SEED**

*Active Ingredient:*

Mesotrione: (CAS No. 104206-82-8) .....	40.0%
<i>Other Ingredients:</i> .....	60.0%
<i>Total:</i> .....	100.0%

Contains 4 lbs. of active ingredient mesotrione per gallon.

**CAUTION**

**KEEP OUT OF REACH OF CHILDREN**

**Environmental Hazards**

Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment wash water or rinsate.

**Surface Water Advisory**

This product may contaminate water through drift of spray in wind. This product has a high potential for runoff for several weeks after application. Poorly draining soils and soils with shallow water tables are more prone to produce runoff that contains this product. A level, well maintained vegetative buffer strip between areas to which this product is applied and surface water features such as ponds, streams, and springs will reduce the potential for contamination of water from runoff. Runoff of this product will be reduced by avoiding applications when rainfall is forecasted to occur within 48 hours. Sound erosion control practices will reduce this product's contribution to surface water contamination.

FAILURE TO FOLLOW THE DIRECTIONS FOR USE AND PRECAUTIONS ON THIS LABEL MAY RESULT IN POOR PEST CONTROL, CROP INJURY, OR ILLEGAL RESIDUES.

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## **DIRECTIONS FOR USE**

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

Follow all applicable directions, restrictions, and precautions including statements pertaining to the Worker Protection Standards, on the EPA-registered Callisto Herbicide label.

This label must be in the possession of the user at the time of application.

Do not use aerial application to apply Callisto.

Do not apply this product through any type of irrigation system.

### **Sensitive Areas**

The pesticide should only be applied when the potential for drift to adjacent sensitive areas, (e.g., residential areas, bodies of water, known habitat for threatened or endangered species, nontarget crops) is minimal (e.g. when wind is blowing away from the sensitive areas

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## **General Information**

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Apply as a broadcast surface spray to emerged annual ryegrass grown for seed fields only. Do not apply to ryegrass which has not yet emerged (new seeding). If applied to fields in which there are ryegrass plants which have not yet fully emerged, injury symptoms including the temporary bleaching of newly emerged leaves, or in extreme conditions, stunting may occur. The risk of injury from Callisto may be increased if rainfall or irrigation occurs as the grass crop emerges from the soil.

Callisto provides residual control of manna grass, creeping bentgrass and other weeds. Callisto is a systemic herbicide which can be applied before weeds emerge (pre-emergence) or post weed emergence. When applied as a pre-emergence herbicide, Callisto is absorbed by weeds during emergence and needs at least 0.25 inch of rainfall for activation. Dry conditions following application may reduce the preemergence activity of Callisto. When used postemergence, susceptible weeds take up the herbicide through the treated foliage and growth stops soon after application. Complete death of the weeds may take up to 2 weeks.

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## Specific Use Directions- Annual Ryegrass Grown for Seed

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### Postemergence Application of Weeds

Callisto can be applied post-emergence for control of mannagrass (up to 3 tillers) and control or suppression of other weeds listed in Table 1 of the federal Callisto Herbicide label.

Use 3.0 fl. oz./A for postemergence control of mannagrass in emerged annual ryegrass grown for seed.

For control of other weeds listed on Table 1 on the federal label apply Callisto as a broadcast postemergence spray at a rate of 3.0–6.0 fl. oz./A to emerged annual ryegrass grown for seed. Use the 3.0 fl. oz./A rate for postemergence control or partial control of the weed listed in Table 1. Use 6.0 fl. oz./A rate for postemergence weed control plus extended residual weed control (see Table 2 on the federal label).

The addition of a crop oil concentrate (COC) type adjuvant at 1% v/v or a nonionic surfactant (NIS) type adjuvant at a rate of 0.25% v/v is recommended. Postemergence applications of Callisto may result in temporary bleaching of the grass crop.

In addition to COC or NIS, a spray grade UAN (e.g. 28-0-0) at the rate of 2.5% v/v or ammonium sulfate (AMS) at the rate of 8.5 lb./100 gallons of spray solution may also be added for improved control of emerged weeds. The addition of UAN or AMS will improve consistency of postemergence weed control but will also increase the risk of grass crop injury, especially at Callisto rates greater than 3.0 fl. oz./A. If grass crop injury is a concern, do not add UAN or AMS to the spray solution.

Tank mixing other pesticides with Callisto postemergence may increase the risk of crop injury. Avoid adding pesticides with emulsifiable concentrate (EC) type formulations to Callisto for applications made postemergence to the crop.

## Restrictions

1. Do not harvest the grass crop for seed or straw within 60 days following the application of Callisto.
2. Do not graze or feed forage from treated areas within 14 days following harvest of seed or straw and at least 74 days after application of Callisto Herbicide.
3. Do not make more than one application of Callisto per year.
4. Do not apply more than 6 fl. oz./A of Callisto per year.
5. Do not apply Callisto to grasses grown for seed species other than those specified on any existing Callisto labels.

24(c) registrant:  
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