

## FIFRA Section 18 Emergency Exemption Use Directions

### EPA File Symbol No. 12WA04

STATE: Washington (Pacific, Grays Harbor, Whatcom, and Pierce Counties)  
CHEMICAL: Quinclorac (QuinStar 4L)  
CROP / SITE: Cranberry (bearing and non-bearing) - A maximum of 600 acres.  
PEST: Yellow loosestrife (*Lysimachia terrestris*)  
EFFECTIVE: 4/27/2012 through 8/1/2012

Rate of application: A maximum of 8 fluid ounces of product (0.25 lb. a.i.) per acre per application, not to exceed 16 fluid ounces of product (0.5 lb. a.i.) per acre per season. A maximum of two applications are allowed, with a minimum of a 30-day interval between applications. Apply in 10-40 gallons of water per acre. Use either a crop oil concentrate at the rate of 1 quart per acre, or a nonionic surfactant at the rate of 1 quart per 100 gallons (0.25% vol./vol.).

Method of application: Apply using ground spray equipment as a post-emergence application (broadcast or spot-treatment). Ensure that spray equipment is properly calibrated.

#### RESTRICTIONS / PRECAUTIONS

- Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 12 hours.
- Do not apply QuinStar 4L within 60 days of harvest.
- Do not apply by air or through any type of irrigation system.
- Use only nozzles that will produce uniform spray patterns and thorough spray coverage, spaced up to 20 inches apart. Select nozzles designed to produce minimal amounts of fine spray particles. Use of drift reduction nozzles is recommended.
- Do not make spray applications when wind speed is greater than 10 mph, when air temperatures exceed 90°F, or when environmental conditions exist for temperature inversions.
- Drift Control Products: Drift Control Products should always be added to the spray solution to affect spray droplet size and other characteristics, reducing the potential of off-target accidental spray drift.
- This chemical has properties and characteristics associated with chemicals detected in groundwater. The use of this chemical where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination. Keep out of lakes, ponds, and streams. Do not apply directly to water, areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water by cleaning of equipment or disposal of rinsate.
- Sensitive Areas: QuinStar 4L may 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, non-target crops) is minimal (e.g., when wind is blowing away from the sensitive areas).

- Any adverse effects resulting from the use of QuinStar 4L under this emergency exemption must be immediately reported to the Washington State Department of Agriculture (877-301-4555).
- These use directions must be in possession of the user at the time of application.
- Follow all applicable directions, restrictions, Worker Protection Standard requirements, and precautions on the registered product label for QUINSTAR 4L (EPA Reg. No. 42750-169).