



Product Bulletin

FOR DISTRIBUTION AND USE ONLY WITHIN THE STATE OF WASHINGTON
ORTHENE® 97

FOR AN APPLICATION OF *ORTHENE* 97 WITH A MINIMUM OF
 75 DAYS TO HARVEST (POST-BLOOM) TO CRANBERRIES
 FOR CONTROL OF BLACKHEADED FIREWORM

EPA Reg. No. 59639-91
 EPA SLN No. WA-000021
 Rev. 4

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. This labeling must be in the possession of the user at the time of application. Follow all applicable directions, restrictions, Worker Protection Standard requirements and precautions on the EPA-registered label.

Crop	Insects*	Amount <i>Orthene</i> 97 Per Acre	Use Directions/Restrictions	Days to Harvest
Cranberries	Blackheaded fireworm Sparganothis fruitworm Armyworm (e.g. false) Blackvine weevil**	1.0 lb	Use sufficient water to give thorough coverage with ground or sprinkler equipment. For Black Vine Weevils, make application at night after peak adult emergence and prior to egg laying. If applied through an irrigation system, refer to "Sprinkler Application To Cranberries" statement on product label for specific application instructions and requirements.	75

* Pheromone traps are available to monitor flight activity of the fireworm moth stage and are helpful in predicting egg hatch and early larval stages. Frequent scouting is also advised. Consult local Extension Service personnel and/or Consultants for information on application timings based on trap catches and other Integrated Pest Management (IPM) procedures.

** Suppression only.

RESTRICTIONS / PRECAUTIONS

- Do not apply less than 75 days before harvest.
- Do not apply more than 1.0 lb. of active ingredient or more than one application per acre per crop cycle.
- Do not apply from start of bloom until all berries set.
- Do not apply using aerial equipment.
- Tank mix post-bloom application of Orthene with another organophosphate insecticide product, such as Diazinon, is at the risk of the user, applicator and/or applicator advisor.

WSDA Chemigation Guidance:

- Application off-site is prohibited. The chemigation application must be continuously observed whenever sensitive areas as defined in WAC 16-202-1002(44) (including but not limited to schools, parks, dwellings, occupied buildings or structures, public roadways, and waters of the state) are at risk of being exposed to drift, runoff, or overspray. In order to minimize the potential for application off-site, WSDA recommends that the product only be applied through low pressure irrigation systems (defined as 2 to 35 pounds/square inch) with a nozzle release height no higher than 3 feet above the target crop, and that end guns be disabled throughout the application.

- An inspection port or a direct access point is required, and it must be positioned immediately upstream of the irrigation mainline check valve and be of sufficient size to allow visual and manual inspection of the check valve and low pressure drain. The inspection port or access point must have a minimum diameter of four inches, if feasible (WAC 16-202-1012[1]).
- The chemigation application tank cannot be placed within 20 feet of the wellhead or other sensitive areas. Mixing or loading activities cannot occur within 20 feet of the wellhead or other sensitive areas (WAC 16-202-1008[1]).
- TWSDA Chemigation Rules (WAC 16-202-1001 through WAC 16-202-1024), and information on USEPA Authorized Alternative Chemigation Safety Equipment, Distribution Uniformity and other chemigation topics are available on the WSDA website (<http://agr.wa.gov/PestFert/ChemFert/default.htm>).

WSDA Container Disposal Guidance: Completely empty the contents of the paper container into application equipment and apply to a labeled crop or site. The empty container may be disposed of in a sanitary landfill. Burning is not a legal method of container disposal in Washington.

This label for *Orthene 97* expires and must not be distributed or used in accordance with this SLN registration after December 31, 2010.

FIFRA Section 24(c) Registrant: Valent U.S.A. Corporation
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