

# Supplemental Label



## **VENOM<sup>®</sup>** I N S E C T I C I D E

**EPA Reg. No. 59639-135  
(Except California, Hawaii and New York)**

This supplemental label expires on August 31, 2015 and must not be used or distributed after this date.

**VENOM<sup>®</sup> INSECTICIDE FOR USE ON BERRY AND SMALL FRUIT (SUBGROUP 13-07F, EXCEPT FUZZY KIWIFRUIT AND SUBGROUP 13-07H, EXCEPT STRAWBERRY), ONION, BULB (SUBGROUP 3-07A); ONION, GREEN (SUBGROUP 3-07B), PEACH AND NECTARINE, TUBEROUS AND CORM VEGETABLES (SUBGROUP 1C) AND WATERCRESS.**

### **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. READ THE LABEL AFFIXED TO THE CONTAINER FOR *VENOM* INSECTICIDE BEFORE APPLYING. USE OF *VENOM* INSECTICIDE ACCORDING TO THIS LABELING IS SUBJECT TO THE USE PRECAUTIONS AND LIMITATIONS IMPOSED BY THE LABEL AFFIXED TO THE CONTAINER FOR *VENOM* INSECTICIDE.**

**BERRY AND SMALL FRUIT (Subgroup 13-07F) Small Fruit Vine Climbing, Except Fuzzy**

**Kiwifruit:** Amur River Grape, Gooseberry, Grape, Kiwifruit (hardy), Maypop, Schisandra Berry, Cultivars, Varieties and/or hybrids of these.

PESTS	PRODUCT RATES	SPECIAL INSTRUCTIONS
Glassy-Winged Sharpshooter Grape Berry Moth (first and second generation only) Leafhoppers Mealybug Multi-colored Asian Lady Beetle Thrips	<p style="text-align: center;"><b>FOLIAR:</b>                      1 to 3 oz/A                      (0.044 to 0.131 lb ai/A)</p>	<p><b>Higher water volumes provide improved insect control.</b></p> <p>Begin applications when first pest activity is noticed or when insects reach threshold levels per State and County Extension Service recommendations. Repeat as needed to maintain control, but not more often than every 14 days. For best results, time application before a damaging population becomes established.</p>
Glassy-Winged Sharpshooter Grape Phylloxera (suppression only) Leafhoppers Mealy bug Thrips Vine Mealybug	<p style="text-align: center;"><b>SOIL:</b>                      5 to 7.5 oz/A                      (0.219 to 0.328 lb ai/A)</p>	<p>Under severe pest pressure, use the higher specified rates.</p> <p>For Mealybug control, apply between budbreak and pea-berry size.</p> <p>The rate applied affects the length of control. Use the high rate where infestations occur later in crop development, or where pest pressure is continuous.</p> <p><i>Venom</i> Insecticide can be mixed and/or alternated with commonly used insecticides, such as <i>Danitol</i> 2.4 EC Spray or <i>Knack</i> Insect Growth Regulator, for better knockdown and/or improved control of pests.</p>

**NOTE: Regardless of application method do not apply more than a total of 12 oz of *Venom* Insecticide (0.525 lb ai) per acre per season.**

**Foliar Application**

- Apply with air or ground equipment in adequate water for uniform coverage (5 to 10 gals/A by air or 50 to 300 gals/A by ground).
- Do not apply *Venom* Insecticide within one (1) day of harvest.
- Do not apply more than a total of 6 oz of *Venom* Insecticide (0.263 lb ai) per acre per season.

**Soil Application**

- Make only one (1) soil application per season.
- Apply with ground equipment in adequate water for uniform coverage (10 to 100 gals/A).
- Do not apply *Venom* Insecticide within twenty-eight (28) days of harvest.
- Do not apply more than a total of 7.5 oz of *Venom* Insecticide (0.328 lb ai) per acre per season.
- For drip application, prior to injection, mix specified dosage in sufficient carrier volume (minimum of 2 gals of water per 1 lb of product) to ensure uniform application and incorporation into the soil using drip or trickle irrigation water. Apply towards the end of the irrigation run to ensure the product does not leach past the root zone.

**BERRY AND SMALL FRUIT (Subgroup 13-07H) Low Growing Berry Subgroup, Except**

**Strawberry:** Bearberry, Bilberry, Blueberry (Lowbush), Cloudberry, Cranberry, Lingonberry, Muntries, Partridgeberry, Cultivars, varieties and/or hybrids of these.

PESTS	PRODUCT RATES	SPECIAL INSTRUCTIONS
Blackheaded Fireworm (suppression only) Cranberry Fruitworm (suppression only) Cranberry Weevil (suppression only) Flea Beetles Leafhoppers Spanworm (suppression only) Sparganothis Fruitworm (suppression only) Stinkbugs Tipworm (suppression only)	<b>FOLIAR:</b> 2 to 4 oz/A (0.088 to 0.175 lb ai/A)	<p><b>Higher water volumes provide improved insect control.</b></p> <p>Begin applications when first pest activity is noticed or when insects reach threshold levels per State and County Extension Service recommendations. Repeat as needed to maintain control, but not more often than every 14 days. For best results, time application before a damaging population becomes established.</p> <p>Under severe pest pressure, use the higher specified rates.</p> <p>The rate applied affects the length of control. Use the high rate where infestations occur later in crop development, or where pest pressure is continuous.</p> <p><i>Venom</i> Insecticide can be mixed and/or alternated with commonly used insecticides, such as <i>Knack</i> Insect Growth Regulator, to improve length of control and/or achieve better knockdown of pests.</p>
<p><b>Foliar Application:</b></p> <ul style="list-style-type: none"> <li>Apply with air or ground equipment in adequate water for uniform coverage (Use a minimum of 5 gals/A for air or 30 gals/A for ground applications).</li> <li>Do not apply <i>Venom</i> Insecticide within seven (7) days of harvest.</li> <li>Do not apply more than a total of 8 oz of <i>Venom</i> Insecticide (0.350 lb ai) per acre per season.</li> </ul>		

**ONION, BULB AND GREEN (Subgroups 3-07A and 3-07B)**

**Bulb onion, includes:** Daylily (bulb), Fritillaria (bulb), Garlic (bulb), Garlic (Great-headed, bulb), Garlic Serpent (bulb), Lily (bulb), Onion (bulb), Onion (Chinese, bulb), Onion (pearl), Onion (potato, bulb), Shallot (bulb), Cultivars, varieties and/or hybrids of these.

**Green onion, includes:** Chive (fresh leaves), Chive (Chinese, freshleaves), Elegans hosta, Fritillaria leaves, Kurrat, Leady's Leek, Leek, Leek (wild), Onion (Beltsville bunching), Onion (fresh), Onion (green), Onion (macrostem), Onion (tree, tops), Onion (Welsh, tops), Shallot (fresh leaves), Cultivars, varieties and/or hybrids of these.

PESTS	PRODUCT RATES	SPECIAL INSTRUCTIONS
Flea Beetles Grasshoppers Leafhoppers	<b>FOLIAR:</b> 2 to 4 oz/A (0.088 to 0.175 lb ai/A)	<p><b>Higher water volumes provide improved insect control.</b></p> <p>Begin applications when first pest activity is noticed or when insects reach threshold levels per State and County Extension Service recommendations. Repeat as needed to maintain control, but not more often than every 7 days. For best results, time application before a damaging population becomes established.</p>
Stink bugs Leafminers Thrips Whiteflies	<b>FOLIAR:</b> 3 to 4 oz/A (0.131 to 0.175 lb ai/A)	

continued

**ONION, BULB AND GREEN (Subgroups 3-07A and 3-07B) – continued**

PESTS	PRODUCT RATES	SPECIAL INSTRUCTIONS
Leafminers Thrips Whiteflies	<p style="text-align: center;"><b>Soil:</b>                      5 to 6 oz/A                      (0.219 to 0.263 lb ai/A)</p>	<p>Under severe pest pressure, use the higher specified rates.</p> <p><b>Restriction:</b> Do not apply to vegetables grown for seed.</p> <p>The rate applied affects the length of control. Use the high rate where infestations occur later in crop development, or where pest pressure is continuous.</p> <p><i>Venom</i> Insecticide can be mixed and/or alternated with commonly used insecticides, such as <i>Knack</i> Insect Growth Regulator, to improve length of control and/or achieve better knockdown of pests.</p>
<p><b>Note: Regardless of application method of <i>Venom</i> Insecticide do not exceed 8.6 oz/A (0.375 lb ai/A) per crop season.</b></p> <p><b>Foliar Application</b></p> <ul style="list-style-type: none"> <li>• Apply with air or ground equipment in adequate water for uniform coverage (A minimum of 5 gals/A by air or 20 gals/A by ground).</li> <li>• Do not apply <i>Venom</i> Insecticide within one (1) day of harvest.</li> <li>• Do not apply more than a total of 6 oz of <i>Venom</i> Insecticide (0.263 lb ai) per acre per season.</li> </ul> <p><b>Soil Application</b></p> <ul style="list-style-type: none"> <li>• See conversion chart for linear application plant application rates.</li> <li>• Apply with ground equipment in adequate water for uniform coverage (A minimum of 10 gals/A).</li> <li>• Apply <i>Venom</i> Insecticide at planting or immediately after transplanting.</li> <li>• Do not apply more than a total of 6 oz of <i>Venom</i> Insecticide (0.263 lb ai) per acre per season.</li> </ul> <p>Apply specified dosage in sufficient carrier volume to insure uniform application and incorporate into the soil using one of the following methods:</p> <ol style="list-style-type: none"> <li>1. In a narrow band centered on the plant row in the bedding operation just prior to planting. For best results band width should be 2" or less and placed 1 to 2" below the seed depth.</li> <li>2. In-furrow spray at or below seed level or a narrow surface band above the seedline during planting. For surface-banded applications incorporate to a depth of 1-1/2" with sufficient irrigation within 24 hours to insure satisfactory insect control.</li> <li>3. As a post-seeding drench, transplant drench or hill drench. Applications should be made with sufficient water to insure incorporation into the root zone.</li> <li>4. As a sidedress immediately after transplanting operations are finished. Applications should be placed within 2 to 4" to the side of each row and incorporated 1 or more inches deep. Applications should be made to each row if there are two rows per bed.</li> <li>5. In drip or trickle irrigation water immediately after transplanting.</li> </ol>		

## PEACH AND NECTARINE

PESTS	PRODUCT RATES	SPECIAL INSTRUCTIONS
Aphids (suppression only) Sharpshooters Leafhoppers	<b>FOLIAR:</b> 2 to 4 oz/A (0.088 to 0.175 lb ai/A)	<b>Higher water volumes provide improved insect control.</b>  Begin applications when first pest activity is noticed or when insects reach threshold levels per State and County Extension Service recommendations. Repeat as needed to maintain control, but not more often than every 7 days. For best results, time application before a damaging population becomes established.
Peach Tree Borer Plum Curculio Aphids (suppression only) Stinkbugs	<b>FOLIAR:</b> 3 to 4 oz/A (0.131 to 0.175 lb ai/A)	Under severe pest pressure, use the higher specified rates.
Aphids (suppression only) Sharpshooters Leafhoppers Peach Tree Borer	<b>Soil:</b> 6 oz/A (0.263 lb ai/A)	The rate applied affects the length of control. Use the high rate where infestations occur later in crop development, or where pest pressure is continuous.  <i>Venom</i> Insecticide applied foliar can be mixed and/or alternated with commonly used insecticides, such as <i>Danitol</i> 2.4 EC Spray or <i>Knack</i> Insect Growth Regulator, to improve length of control and/or achieve better knockdown of pests.

**NOTE: Regardless of application method do not apply more than a total of 8 oz of *Venom* Insecticide (0.350 lb ai) per acre per season.**

### Foliar Application

- Apply with air or ground equipment in adequate water for uniform coverage (A minimum of 5 gals/A by air or 50 gals/A by ground).
- Do not apply *Venom* Insecticide within three (3) days of harvest.
- Do not apply more than a total of 6 oz of *Venom* Insecticide (0.263 lb ai) per acre per season.
- Interval between applications cannot be less than 7 days.

### Soil Application

- Do not apply *Venom* Insecticide within twenty-one (21) days of harvest.
- Apply with ground equipment in adequate water for uniform coverage (A minimum of 100 gals/A).
- Do not apply more than a total of 6 oz of *Venom* Insecticide (0.263 lb ai) per acre per year.

Apply specified dosage in sufficient carrier volume to insure uniform application and distribution within and around the root zone of each tree using one of the following methods:

1. As a drench. Applications should be made with sufficient water to insure incorporation into the root zone.
2. Using drip, trickle, micro sprinkler or any customized irrigation system derived from those systems to water trees independently.

**TUBEROUS AND CORM VEGETABLES (Subgroup 1C):** Arracacha, Arrowroot, Artichoke (Chinese), Artichoke (Jerusalem), Canna (edible), Cassava (bitter and sweet), Chayote (root), Chufa, Dasheen (taro), Ginger, Leren, Potato, Sweet Potato, Tanier, Turmeric, Yam bean, Yam (true)

PESTS	PRODUCT RATES	SPECIAL INSTRUCTIONS
Colorado Potato Beetle Flea Beetle Green Peach Aphid (suppression only) Potato Aphid (suppression only) Potato Leafhopper Psyllid	<b>FOLIAR:</b> 1 to 1.5 oz/A (0.044 to 0.066 lb ai/A)	<b>Higher water volumes provide improved insect control.</b>  Begin applications when first pest activity is noticed or when insects reach threshold levels per State and County Extension Service recommendations Repeat as needed to maintain control, but not more often than every 14 days. For best results, time application before a damaging population becomes established.
Colorado Potato Beetle Flea Beetle Green Peach Aphid (suppression only) Potato Aphid (suppression only) Leafhoppers Psyllid spp. (suppression only)	<b>SOIL:</b> 6.5 to 7.5 oz/A (0.284 to 0.328 lb ai/A)	Under severe pest pressure, use the higher specified rates.  The rate applied affects the length of control. Use the high rate where infestations occur later in crop development, or where pest pressure is continuous.  <i>Venom</i> Insecticide can be mixed and/or alternated with other insecticides registered for this use for better knockdown and/or improved control of pests.  <b>Aphids:</b> <i>Venom</i> Insecticide provides only suppression of established or heavy aphid populations. Control may require use of tank mixes with other labeled insecticides.

**Note: Do not combine foliar applications with soil applications, or vice versa. Only use one application method.**

**Foliar Application**

- Apply with air or ground equipment in adequate water for uniform coverage (3 to 10 gals/A by air or 10 to 50 gals/A by ground).
- Do not apply *Venom* Insecticide within seven (7) days of harvest.

Do not apply more than a total of 4.5 oz of *Venom* Insecticide (0.197 lb ai) per acre per season.

**Soil Application**

- See conversion chart for linear application plant application rates.
- Apply with ground equipment in adequate water for uniform coverage (10 to 100 gals/A).
- Apply once at preplant, preemergence or at ground crack as directed below.
- Do not apply more than a total of 7.5 oz of *Venom* Insecticide (0.328 lb ai) per acre per season.

Apply specified dosage in sufficient carrier volume to insure uniform application and incorporate into the soil using one of the following methods:

1. **In a narrow band centered on the plant row in the bedding operation just prior to planting.**
2. In-furrow spray at planting. Direct spray in the furrow on the seed pieces or potatoes.
3. As a sidedress to both sides of the row or as a spray at ground crack directly over the row during hilling. Cover immediately with soil.

## WATERCRESS

PESTS	PRODUCT RATES	SPECIAL INSTRUCTIONS
Cucumber Beetle Sharpshooters Leafhoppers Fleabeetles	<b>FOLIAR:</b> 2 to 4 oz/A (0.088 to 0.175 lb ai/A)	<b>Higher water volumes provide improved insect control.</b>  Begin applications when first pest activity is noticed or when insects reach threshold levels per State and County Extension Service recommendations. Repeat as needed to maintain control, but not more often than every 7 days. For best results, time application before a damaging population becomes established.
Aphids (suppression) Stinkbugs Whiteflies Thrips	<b>FOLIAR:</b> 3 to 4 oz/A (0.131 to 0.175 lb ai/A)	Under severe pest pressure, use the higher specified rates.  The rate applied affects the length of control. Use the high rate where infestations occur later in crop development, or where pest pressure is continuous.  <i>Venom</i> Insecticide can be mixed and/or alternated with commonly used insecticides, such as <i>Danitol</i> 2.4 EC Spray or Knack® Insect Growth Regulator, for better knockdown and/or improved control of pests.
<b>Foliar Application</b> <ul style="list-style-type: none"> <li>• Apply with air or ground equipment in adequate water for uniform coverage (5 to 10 gals/A by air or 50 to 300 gals/A by ground).</li> <li>• Do not apply <i>Venom</i> Insecticide within one (1) day of harvest.</li> <li>• Interval between application cannot be less than 7 days</li> <li>• Do not apply more than a total of 8 oz of <i>Venom</i> Insecticide (0.350 lb ai) per acre per crop season.</li> </ul>		

**PLEASE CONTACT VALENT U.S.A. CORPORATION AT 800-6-VALENT (682-5368) TO DETERMINE IF THIS USE IS REGISTERED IN YOUR STATE.**

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Manufactured for  
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Form 2012-VEN-0010.R1  
20120816