

59639-140

2/7/2014

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL, SAFETY  
AND POLLUTION PREVENTION

Dr. Robert Hamilton  
Valent USA Corporation  
1101 14th St, NW, Suite 1050  
Washington, DC 20005

FEB 7 2014

Subject: Supplemental Labeling Amendment to V-10161 4 SC  
"Revised Rotational Crop Interval"  
"V-10161 4 SC Fungicide for use on carrot"  
"V-10161 4 SC Fungicide for use on brassica (cole) leafy vegetables and root and  
tuber vegetables"  
EPA Registration No. 59639-140  
Decision No. 485212  
Submission Date: 11/14/13

Dear Dr. Hamilton:

The supplemental labeling referred to above, submitted under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended to extend the expiration dates, is unconditionally acceptable under FIFRA 3(c)5. A stamped copy of each supplemental label is enclosed for your records. Please submit one (1) final printed copy for each supplemental label before releasing the product for shipment. If you have any questions, please contact Dominic Schuler at (703) 347-0260 or via email at [schuler.dominic@epa.gov](mailto:schuler.dominic@epa.gov).

Sincerely,

A handwritten signature in black ink that reads "Tony Kish".

Tony Kish  
Product Manager 22  
Fungicide Branch  
Registration Division (7504P)

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# Supplemental Label



## V-10161 4 SC FUNGICIDE

EPA Reg. No. 59639-140

### REVISED ROTATIONAL CROP INTERVAL

This supplemental label expires on April 25, 2017 and must not be used or distributed after this date.

#### 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 V-10161 4 SC FUNGICIDE BEFORE APPLYING. USE OF V-10161 4 SC FUNGICIDE ACCORDING TO THIS LABELING IS SUBJECT TO THE USE PRECAUTIONS AND LIMITATIONS IMPOSED BY THE LABEL AFFIXED TO THE CONTAINER FOR V-10161 4 SC FUNGICIDE.**

#### ROTATIONAL RESTRICTIONS

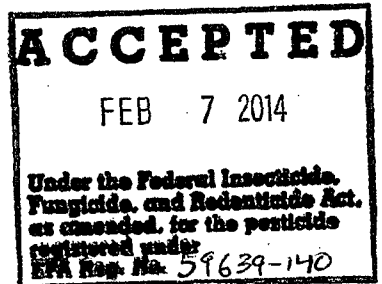
The following rotational crops may be planted after applying V-10161 4 SC Fungicide at the labeled rate. Planting earlier than the labeled rotational interval is not allowed.

CROPS	ROTATIONAL INTERVAL
Brassica (Cole) Leafy Vegetables Bulb Vegetables Cucurbit Vegetables Fruiting Vegetables Grapes Leafy Vegetables (Except Brassica) Root and Tuber Vegetables	Immediately
Wheat	30 days
All Other Crops	18 months

**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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059639-00140.20131114.V101614SC.suppl.revised\_rotation\_interval.



Supplemental

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# Supplemental Label

## V-10161 4 SC FUNGICIDE

EPA Reg. No. 59639-140

### V-10161 4 SC FUNGICIDE FOR USE ON CARROT

This supplemental label expires on April 25, 2017 and must not be used or distributed after this date.

**THIS SUPPLEMENTAL LABEL SUPERCEDES PREVIOUS LABELING FOR CARROT**

#### 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 V-10161 4 SC FUNGICIDE BEFORE APPLYING. USE OF V-10161 4 SC FUNGICIDE ACCORDING TO THIS LABELING IS SUBJECT TO THE USE PRECAUTIONS AND LIMITATIONS IMPOSED BY THE LABEL AFFIXED TO THE CONTAINER FOR V-10161 4 SC FUNGICIDE.**

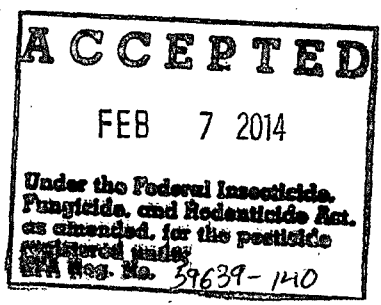
#### SPECIFIC REQUIREMENTS

**When to Apply:** Begin application when crop and/or environmental conditions favor disease development. Make applications on a 7 to 14 day interval, depending on disease pressure. Apply as a foliar spray in sufficient water to obtain thorough coverage.

**Resistance Management:** V-10161 4 SC Fungicide must be used as part of an Integrated Pest Management (IPM) program. Apply as a foliar spray in a tank mix with another labeled fungicide product with a different mode of action on the target pathogen in sufficient water to obtain thorough coverage.

#### Restrictions and Limitations

- The maximum V-10161 4 SC Fungicide application rate is 4 fl oz per acre per application and 12 fl oz per acre per season.
- Apply no more than 2 sequential applications of V-10161 4 SC Fungicide before alternating with an effective fungicide from a different resistance management group.
- Do not make more than 4 applications of V-10161 4 SC Fungicide per acre per season.
- In Hawaii: Apply V-10161 4 SC Fungicide by foliar and chemigation (sprinkler irrigation) only.



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**SPECIFIC REQUIREMENTS - CARROT**

Diseases	Application Rates		Minimum Time from Last Application to Harvest (PHI)	Specific Use Instructions
	fl oz/A	GPA Spray Mixture		
For suppression of:  Cavity Spot ( <i>Pythium violae</i> )  Root Dieback (Forking and Stubbing) ( <i>Pythium ultimum</i> and <i>Pythium irregulare</i> )	4 (0.125 lb ai/A)	In-furrow: 5 to 10  Side-dress: 20 to 40	7 days	<p>For resistance management, V-10161 4 SC Fungicide must be tank mixed with a labeled rate of another fungicide active against the target pathogen, but with a different mode of action.</p> <p>A maximum of 3 applications of V-10161 4 SC Fungicide are allowed at the 4 oz rate with no more than two sequential applications.</p> <p>Apply V-10161 4 SC Fungicide at any of the following application timings/methods:</p> <ol style="list-style-type: none"> <li>1) Preplant incorporated treatment (broadcast or band) to a 2 inch depth prior to planting. Use sufficient water to ensure uniform soil coverage.</li> <li>2) A foliar application at emergence.</li> <li>3) Beginning 28 to 50 days after planting (shorter if conditions are favorable for disease and longer if they are not).</li> <li>4) Continue applications on a 14- to 21-day interval by chemigation, by ground equipment with a spray directed to the base of the plant, or shanked in with liquid fertilizer. All ground applications must be followed by irrigation/rainfall with 0.25 to 1 inch of water to promote movement of material into the root zone.</li> <li>5) Irrigation: Inject V-10161 4 SC into the irrigation water (do not use drip irrigation).</li> </ol>

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# Supplemental Label



## V-10161 4 SC FUNGICIDE

EPA Reg. No. 59639-140

### V-10161 4 SC FUNGICIDE FOR USE ON BRASSICA (COLE) LEAFY VEGETABLES AND ROOT AND TUBER VEGETABLES

This supplemental label expires on April 25, 2017 and must not be used or distributed after this date.

**THIS SUPPLEMENTAL LABEL SUPERCEDES PREVIOUS LABELING FOR BRASSICA (COLE) LEAFY VEGETABLES AND ROOT AND TUBER VEGETABLES.**

#### 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 V-10161 4 SC FUNGICIDE BEFORE APPLYING. USE OF V-10161 4 SC FUNGICIDE ACCORDING TO THIS LABELING IS SUBJECT TO THE USE PRECAUTIONS AND LIMITATIONS IMPOSED BY THE LABEL AFFIXED TO THE CONTAINER FOR V-10161 4 SC FUNGICIDE.**

#### SPECIFIC REQUIREMENTS – All Food Crops

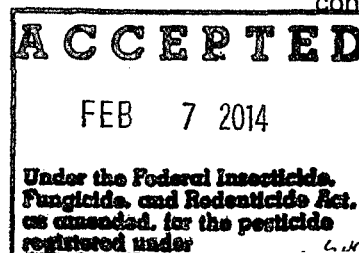
**When to Apply:** Begin application when crop and/or environmental conditions favor disease development. Make applications on a 7 to 14 day interval, depending on disease pressure. Under severe disease pressure or if rain is expected, use the higher labeled rate and shortest interval. Apply as a foliar spray in sufficient water to obtain thorough coverage. Chemigation is not recommended when the primary disease is downy mildew or other foliar diseases.

**Resistance Management:** V-10161 4 SC Fungicide must be used as part of an Integrated Pest Management (IPM) program. Apply as a foliar spray in a tank mix with another labeled fungicide product with a different mode of action on the target pathogen in sufficient water to obtain thorough coverage.

#### Restrictions and Limitations

- The maximum V-10161 4 SC Fungicide application rate is 4 fl oz per acre per application and 12 fl oz per acre per season.
- Apply no more than 2 sequential applications of V-10161 4 SC Fungicide before alternating with an effective fungicide from a different resistance management group.
- Do not make more than 4 applications of V-10161 4 SC Fungicide per acre per season.
- In Hawaii: Apply V-10161 4 SC Fungicide by foliar and chemigation (sprinkler irrigation) only.

continued



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**SPECIFIC REQUIREMENTS – All Food Crops**

Crops	Diseases	Application Rates		Minimum Time from Last Application to Harvest (PHI)	Specific Use Instructions
		fl oz/A	GPA Spray Mixture		
<b>Brassica (Cole) Leafy Vegetables including:</b> Broccoli Broccoli Raab (rapini) Brussels Sprouts Cabbage Cauliflower Cavalo Broccolo Chinese Broccoli (gai lon) Chinese Cabbage (bok choy), Chinese (napa) Cabbage Chinese Mustard Cabbage (gai choy) Collards Kale Kohlrabi Mizuna Mustard Greens Mustard Spinach Rape Greens	Downy Mildew ( <i>Peronospora parasitica</i> )  Damping-off ( <i>Pythium</i> spp.)  Phytophthora Root Rot ( <i>Phytophthora megasperma</i> )	3 to 4 (0.09 to 0.125 lb ai/A)	Ground: 20 to 100  Aerial Minimum: 5	2 days	<p>For resistance management, <i>V-10161 4 SC Fungicide</i> must be tank mixed with a labeled rate of another fungicide active against the target pathogen, but with a different mode of action.</p> <p>Injection (drip irrigation) for soilborne diseases: inject <i>V-10161 4 SC Fungicide</i> into the irrigation water at the defined application rates.</p> <p><b>Downy Mildew:</b> make foliar applications on a 7- to 10-day schedule beginning with initial flowering, or when disease conditions are favorable, but prior to disease development. Use the lower rate and longer interval as preventive applications. Use the higher rate and shorter interval if disease is present.</p> <p><b>Damping-off and Phytophthora Root Rot:</b> apply as a soil drench at planting/transplanting. As plants enlarge, use a soil-directed application on a 7- to 10-day schedule beginning when disease conditions are favorable, but prior to disease development.</p> <p>Re-treatment interval: 10 days.</p>

continued

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**SPECIFIC REQUIREMENTS – All Food Crops (continued)**

Crops	Diseases	Application Rates		Minimum Time from Last Application to Harvest (PHI)	Specific Use Instructions
		fl oz/A	GPA Spray Mixture		
<b>Root and Tuber Vegetables:</b> Arracacha Arrowroot Black Salsify Cassava (bitter and sweet) Celeriac Chayote (root) Chicory Chinese Artichoke Chufa Dasheen (taro) Edible Burdock Edible Canna Garden Beet Ginger Ginseng Horseradish Jerusalem Artichoke Leren Oriental Radish Parsnip Radish Rutabaga Salsify Skirret Spanish Salsify Sugar Beet Sweet Potato Tanier True Yam Turmeric Turnip Turnip-rooted Chervil Turnip-rooted Parsley Yam Bean	Pythium Diseases	3 to 4 (0.09 to 0.125 lb ai/A)	Ground: 20 to 50  Aerial Minimum: 5	7 days	For resistance management, V-10161 4 SC Fungicide must be tank mixed with a labeled rate of another fungicide active against the target pathogen, but with a different mode of action.  Recommended spray interval: 10 days.  Do not use on varieties of turnips such as fodder turnips intended for livestock use.

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