UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

March 16, 2015

Robin R. Charlton
Senior Regulatory Scientist
Valent U.S.A. Corporation
1600 Riviera Ave, Ste 200
Walnut Creek, CA 94596

Subject: Supplemental Label Amendment – Revised crop rotation intervals for tomatoes on the supplemental label
Product Name: V-10142 Ag Herbicide
EPA Registration Number: 59639-166
Application Date: January 29, 2015
Decision Number: 499862

Dear Ms. Charlton:

The supplemental label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. The supplemental label must be incorporated into the master label within 18 months of the date of this notice.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance

with FIFRA section 6. If you have any questions, please contact Aswathy Balan by phone at 703-347-0510, or via email at balan.aswathy@epa.gov.

Sincerely,

Shaja Joyner, Product Manager 20
Fungicide and Herbicide Branch
Registration Division (7505P)
Office of Pesticide Programs

Enclosure

# Supplemental Label

[Bracketed text is optional]

ACCEPTED
3/16/15
Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 59639-166

## *V-10142* AG HERBICIDE
**EPA Reg. No. 59639-166**

## V-10142 AG HERBICIDE FOR USE ON MELONS AND [POTATO] [TUBEROUS AND CORM VEGETABLES]

This supplemental label expires on August 31, 2016 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-10142* AG HERBICIDE BEFORE APPLYING. USE OF *V-10142* AG HERBICIDE ACCORDING TO THIS LABELING IS SUBJECT TO THE USE PRECAUTIONS AND LIMITATIONS IMPOSED BY THE LABEL AFFIXED TO THE CONTAINER FOR *V-10142* AG HERBICIDE.**

### DIRECTIONS FOR USE ON MELONS
### (Crop Subgroup 9A)
Citron melon; Muskmelon (cantaloupe); Watermelon

**Restrictions and Limitations**
- Do not apply more than 6.4 oz of *V-10142* Ag Herbicide per acre per year.
- Make only one application per year.
- Make application to field grown melons only.
- Apply to well established melons (at least 5 inches wide).
- Do not apply *V-10142* Ag Herbicide by air on melons.
- *V-10142* Ag Herbicide will not control ALS resistant weeds (Group 2).

**Specific Use Instructions**
- Movement of soil may influence residual activity and/or crop response.
- Use the higher rate listed if there is a field history of nutsedge or if weed pressure is normally heavy.
- To activate *V-10142* Ag Herbicide into the soil solution, a rainfall event or overhead irrigation supplying 1/2 to 1 inch of water no sooner than 12 hours but not more than 5 days after application is necessary.
- When weeds are emerged at time of application (1 to 3 inches in height), use an approved surfactant as specified (see Adjuvant section on container label).

| **MELON**<br>**(Crop Subgroup 9A)**<br>Citron melon; muskmelon (cantaloupe); watermelon | | |
|---|---|---|
| ***V-10142* Ag Herbicide Application Rates** | **PHI** | **Special Instructions** |
| 4 to 6.4 oz/A<br>(0.19 to 0.3 lb ai/A) | 48 days | **Row Middle Application for Plastic Mulch or Bare Soil Culture**<br>A row middle (between the rows) application may be made at any time during the cropping season (up to 48 days before harvest), as long as the melons are well established and at least 5 inches wide.<br>• Avoid contact with the melon crop. When application is being made to melons grown in plastic mulch culture, equipment must be adjusted to prevent the spray from contacting the plastic. |
| • Refer to Table 1 for preemergence weeds controlled and suppressed.<br>• Refer to Table 2 for postemergence weeds controlled and suppressed. | | |

**Ground Application**

For row middle application, determine the area to be sprayed and calculate the amount of *V-10142* Ag Herbicide and water needed based on a broadcast total spray volume of 20 to 40 gallons of water per acre and a *V-10142* Ag Herbicide rate of 4.27 to 6.4 oz/A (0.2 to 0.3 lb ai/A). For example, if the rows are 36 inches wide and 18 inches between the rows is the area to be sprayed at the rate of 6.4 oz/A (0.3 lb ai/A), the *V-10142* Ag Herbicide calculation is:

| | | | | |
|---|---|---|---|---|
| $\frac{\text{Band Width in Inches}}{\text{Row Width in Inches}}$ | X | Rate per Broadcast Acre | = | Amount *V-10142* Ag Herbicide Needed per Acre for Row Middle Application |

Example: $\frac{18"}{36"}$ x 6.4 oz/A = 3.2 oz/A for row middle application

If the broadcast water volume selected is 30 gallons per acre, the calculation is:

| | | | | |
|---|---|---|---|---|
| $\frac{\text{Band Width in Inches}}{\text{Row Width in Inches}}$ | X | Spray Volume per Broadcast Acre | = | Amount of Water Volume per Acre for Row Middle Application |

Example: $\frac{18"}{36"}$ x 30 gal = 15 gal water per acre for row middle application

**DIRECTIONS FOR USE ON [POTATO] [TUBEROUS AND CORM VEGETABLES (Crop Subgroup 1C)**

Arracacha; Arrowroot; Cassava (bitter and sweet); Chayote (root); Chinese Artichoke; Chufa; Dasheen (taro); Edible Canna; Ginger; Jerusalem Artichoke; Leren; Potato; Sweet Potato; Tanier; True Yam; Turmeric; Yam Bean]

## Restrictions and Limitations

- Do not apply more than 6.4 oz of *V-10142* Ag Herbicide per acre per year.
- Make only two applications per year.
- Do not apply *V-10142* Ag Herbicide by air on [potato] [tuberous and corm vegetables].

## Specific Use Instructions

- Movement of soil may influence residual activity and/or crop response.
- Use the higher rate listed if there is a field history of nutsedge or if weed pressure is normally heavy.
- To activate *V-10142* Ag Herbicide into the soil solution, a rainfall event or overhead irrigation supplying 1/2 to 1 inch of water no sooner than 12 hours but not more than 5 days after application is necessary.
- When weeds are emerged at time of application (1 to 3 inches in height), use an approved surfactant as specified (see Adjuvant section on container label).

<table>
<tr><th colspan="3">[POTATO] [TUBEROUS AND CORM VEGETABLES<br>(Crop Subgroup 1C)<br>Arracacha; Arrowroot; Cassava (bitter and sweet); Chayote (root); Chinese Artichoke; Chufa; Dasheen (taro); Edible Canna; Ginger; Jerusalem Artichoke; Leren; Potato; Sweet Potato; Tanier; True Yam; Turmeric; Yam Bean]</th></tr>
<tr><th>V-10142 Ag Herbicide Application Rates</th><th>PHI</th><th>Special Instructions</th></tr>
<tr><td>4 to 6.4 oz/A<br>(0.19 to 0.3 lb ai/A)</td><td rowspan="3">45 days</td><td>Preemergence<ul><li>Apply V-10142 Ag Herbicide to a well-prepared moist seedbed after the crop has been planted, prior to emergence or immediately after hilling.</li></ul></td></tr>
<tr><td>3.2 to 4 oz/A<br>(0.15 to 0.19lb ai/A)</td><td>Postemergence<ul><li>V-10142 Ag Herbicide may be applied after the crop has emerged if weeds are less than 3 inches in height as part of a weed control program.</li></ul></td></tr>
<tr><td>3.2 oz/A<br>(0.15 lb ai/A)<br><br>followed by<br><br>3.2 oz/A<br>(0.15 lb ai/A)</td><td>SEQUENTIAL APPLICATION PROGRAM (Preemergence Application Followed By Early Postemergence Application)<ul><li>Apply V-10142 Ag Herbicide to a well-prepared moist seedbed after the crop has been planted, prior to emergence or immediately after hilling.</li><li>Follow the preemergence application with an early postemergence application.</li><li>The early postemergence application must not be made any sooner than 21 days after the preemergence application.</li><li>Emerged weeds must be under 3 inches in height.</li></ul></td></tr>
<tr><td colspan="3"><ul><li>Refer to Table 1 for preemergence weeds controlled and suppressed.</li><li>Refer to Table 2 for postemergence weeds controlled and suppressed.</li><li>Refer to Table 3 for weeds controlled by V-10142 Ag Herbicide sequential application program (preemergence application followed by early postemergence application).</li></ul></td></tr>
</table>

**Ground Application**

Apply *V-10142* Ag Herbicide in 20 to 40 gal of water per acre and ensure thorough, uniform coverage. For banded application, use proportionately less water and *V-10142* Ag Herbicide.

**Table 1. Preemergence Weeds Controlled and Suppressed by *V-10142* Ag Herbicide**

| Common Name | Scientific Name | *V-10142* Ag Herbicide Rates oz/A |
|---|---|---|
| **Weeds Controlled** | | |
| Buckwheat, Wild | *Polygonum convolvulus* | 6.4 |
| Galinsoga, Hairy | *Galinsoga ciliata* | 4 |
| Lambsquarters, Common | *Chenopodium album* | 6.4 |
| Nutsedge, Yellow | *Cyperus esculentus* | 6.4 |
| Pigweeds (except Livid) | *Amaranthus* spp. | 4 to 6.4 |
| Purslane, Common | *Portulaca oleracea* | 4 to 6.4 |
| Ragweed, Common | *Ambrosia artemisiifolia* | 6.4 |
| Turnip, Wild | *Brassica napus* | 6.4 |
| **Weeds Suppressed** | | |
| Barnyardgrass | *Echinochloa crus-galli* | 6.4 |
| Burning Nettle | *Urtica urens* | 4 to 6.4 |
| Crabgrass, Large | *Digitaria sanguinalis* | 4 |
| Foxtail, Giant | *Setaria faberi* | 6.4 |
| Groundsel, Common | *Senecio vulgaris* | 4 to 6.4 |
| Mayweed | *Anthemis cotula* | 4 |
| Nightshade, Black | *Solanum nigrum* | 6.4 |
| Nutsedge, Purple | *Cyperus rotundus* | 6.4 |
| Shepherd's-purse | *Capsella bursa-pastoris* | 4 to 6.4 |
| Sowthistle | *Sonchus oleraceus* | 4 to 6.4 |
| Thistle, Russian | *Salsola iberica* | 4 to 6.4 |

**Table 2. Postemergence Weeds Controlled and Suppressed by *V-10142* Ag Herbicide**

| Common Name[1] | Scientific Name | *V-10142* Ag Herbicide Rates oz/A |
|---|---|---|
| **Weeds Controlled** | | |
| Galinsoga, Hairy | *Galinsoga ciliata* | 4 to 6.4 |
| Morningglory | *Ipomoea* spp. | 6.4 |
| Nutsedge, Yellow | *Cyperus esculentus* | 6.4 |
| Pigweeds (except Livid) | *Amaranthus* spp. | 4 to 6.4 |
| Purslane, Common | *Portulaca oleracea* | 4 to 6.4 |
| **Weeds Suppressed** | | |
| Barnyardgrass | *Echinochloa crus-galli* | 6.4 |
| Crabgrass, Large | *Digitaria sanguinalis* | 4 to 6.4 |
| Smartweed, Pennsylvania | *Polygonum pensylvanicum* | 6.4 |

[1]For weeds 1 to 3 inches in height, to be used with an approved surfactant.

**Table 3. Weeds Controlled by *V-10142* Ag Herbicide Sequential Application Program**

| Common Name[1] | Scientific Name | *V-10142* Ag Herbicide Rates |
|---|---|---|
| **Weeds Controlled** | | |
| Buckwheat, Wild | *Polygonum convolvulus* | 3.2 oz/A preemergence followed by 3.2 oz/A early postemergence |
| Croton, Woolly | *Croton capitatus* | |
| Dayflower | *Commelina communis* | |
| Eclipta | *Eclipta prostrata* | |
| Galinsoga, Hairy | *Galinsoga ciliata* | |
| Gourd, Texas | *Cucurbita foetidissima* | |
| Groundcherry, Cutleaf | *Physalis angulata* | |
| Hemp Sesbania | *Sesbania exaltata* | |
| Horseweed | *Conyza canadensis* | |
| Jointvetch, Northern | *Aeschynomene virginica* | |
| Jointvetch, Indian | *Aeschynomene indicica* | |
| Lambsquarters, Common | *Chenopodium album* | |
| Morningglory, Pitted | *Ipomoea lacunosa* | |
| Nutsedge, Yellow | *Cyperus esculentus* | |
| Pigweeds (except Livid) | *Amaranthus* spp. | |
| Purslane, Common | *Portulaca oleracea* | |
| Ragweed, Common | *Ambrosia artemisiifolia* | |
| Texasweed | *Caperonia palustris* | |
| Turnip, Wild | *Brassica napus* | |

[1]Early postemergence application for weeds 1 to 3 inches in height, to be used with an approved surfactant.

## ROTATIONAL RESTRICTIONS

The following rotational intervals are recommended for crop safety. Crop injury may result if the specified intervals are not followed. The rotational interval should be extended 6 to 8 months if either drought conditions and/or extended periods of cool conditions occur after application. These conditions and/or failure to use conventional tillage and cultivation cultural practices increases the persistence of *V-10142* Ag Herbicide in the soil and therefore increases the potential for rotational crop injury and yield reduction. In cropping systems that employ drip irrigation, the rotational interval may need to be extended.

| CROP ROTATION | |
|---|---|
| **Rotational Interval** | **Rotational Crop** |
| Immediately | Rice |
| 1 day | Tomato (transplanted) |
| 100 days | Tomato (seeded) |
| 8 months | Cucumber[1], Eggplant, Lettuce, Melons[1](citron melon, muskmelon (cantaloupe), watermelon), Mustard Greens, Peppers (bell and non-bell), Radish, Spinach, Turnip, Turnip Greens, White Potato |
| 9 months | Cabbage[1], Squash[1] |
| 12 months | Field Corn, Sweet Corn, Grain Sorghum, Soybean, Wheat |
| 24 months[2] | All crops not listed |

[1]5 months in Florida and Georgia.

[2] A Successful soil bioassay must be performed prior to planting any crops not listed sooner than 24 months after a *V-10142* Ag Herbicide application. A successful bioassay is one in which a representative soil sample is taken from the field in question and the crop to be planted into that field is safely grown in that soil.

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



Manufactured for:
Valent U.S.A. Corporation
P. O. Box 8025
Walnut Creek, CA 94596-8025

Made in U.S.A.

059639-00166.20150129.V-10142Ag.AMEND.croprotat.r