

Supplemental Label



EPA Reg. No. 59639-166
(Except California and New York)

LEAGUE® HERBICIDE USE ON MELONS AND POTATO

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 *LEAGUE* HERBICIDE BEFORE APPLYING. USE OF *LEAGUE* HERBICIDE ACCORDING TO THIS LABELING IS SUBJECT TO THE USE PRECAUTIONS AND LIMITATIONS IMPOSED BY THE LABEL AFFIXED TO THE CONTAINER FOR *LEAGUE* 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 *League* 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 *League* Herbicide by air on melons.
- *League* 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 *League* 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).

MELONS - continued

League Herbicide Application Rates	PHI	Special Instructions
4 to 6.4 oz/A (0.19 to 0.3 lb ai/A)	48 days	<p>Row Middle Application for Plastic Mulch or Bare Soil Culture</p> <p>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.</p> <ul style="list-style-type: none"> 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.
<ul style="list-style-type: none"> Refer to Table 1 for preemergence weeds controlled and suppressed. 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 *League* Herbicide and water needed based on a broadcast total spray volume of 20 to 40 gallons of water per acre and a *League* 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 *League* Herbicide calculation is:

Band Width in Inches	X	Rate per Broadcast Acre	=	Amount <i>League</i> Herbicide Needed per Acre for Row Middle Application
Row Width in Inches				

Example: $\frac{18''}{36''} \times 6.4 \text{ oz/A} = 3.2 \text{ oz/A}$ for row middle application

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

Band Width in Inches	X	Spray Volume per Broadcast Acre	=	Amount of Water Volume per Acre for Row Middle Application
Row Width in Inches				

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

DIRECTIONS FOR USE ON POTATO

Restrictions and Limitations

- Do not apply more than 6.4 oz of *League* Herbicide per acre per year.
- Make only two applications per year.
- Do not apply *League* Herbicide by air on potato.

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 *League* 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).

<i>League</i> Herbicide Application Rates	PHI	Special Instructions
4 to 6.4 oz/A (0.19 to 0.3 lb ai/A)	45 days	Preemergence <ul style="list-style-type: none"> • Apply <i>League</i> Herbicide to a well-prepared moist seedbed after the crop has been planted, prior to emergence or immediately after hilling.
3.2 to 4 oz/A (0.15 to 0.19lb ai/A)		Postemergence <ul style="list-style-type: none"> • <i>League</i> 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.
3.2 oz/A (0.15 lb ai/A) followed by 3.2 oz/A (0.15 lb ai/A)		SEQUENTIAL APPLICATION PROGRAM (Preemergence Application Followed By Early Postemergence Application) <ul style="list-style-type: none"> • Apply <i>League</i> Herbicide to a well-prepared moist seedbed after the crop has been planted, prior to emergence or immediately after hilling. • Follow the preemergence application with an early postemergence application. • The early postemergence application must not be made any sooner than 21 days after the preemergence application. • Emerged weeds must be under 3 inches in height.
<ul style="list-style-type: none"> • Refer to Table 1 for preemergence weeds controlled and suppressed. • Refer to Table 2 for postemergence weeds controlled and suppressed. • Refer to Table 3 for weeds controlled by <i>League</i> Herbicide sequential application program (preemergence application followed by early postemergence application). 		

Ground Application

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

Table 1. Preemergence Weeds Controlled and Suppressed by *League* Herbicide

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

Table 2. Postemergence Weeds Controlled and Suppressed by *League* Herbicide

Common Name ¹	Scientific Name	<i>League</i> Herbicide Rates oz/A
Weeds Controlled		
Galinsoga, Hairy	<i>Galinsoga ciliata</i>	4 to 6.4
Morningglory	<i>Ipomoea</i> spp.	6.4
Nutsedge, Yellow	<i>Cyperus esculentus</i>	6.4
Pigweeds (except Livid)	<i>Amaranthus</i> spp.	4 to 6.4
Purslane, Common	<i>Portulaca oleracea</i>	4 to 6.4
Weeds Suppressed		
Barnyardgrass	<i>Echinochloa crus-galli</i>	6.4
Crabgrass, Large	<i>Digitaria sanguinalis</i>	4 to 6.4
Smartweed, Pennsylvania	<i>Polygonum pennsylvanicum</i>	6.4

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

Table 3. Weeds Controlled by League Herbicide Sequential Application Program

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

¹5 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 *League* 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.

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