

59639-193

3/1/2013

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

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

Dr. Robert Hamilton
Senior Regulatory Scientist
Registration & Regulatory Affairs
Valent U.S.A. Corporation
1600 Riviera Avenue, Suite 200
Walnut Creek, CA 94596

MAR - 1 2013

Subject: Supplemental Label: Use in Soybeans
Product Name: V-10233 Herbicide
EPA Registration Number 59639-193
Decision Number: 475833
Submission Date: March 1, 2013

Dear Dr. Hamilton:

The label amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended is **acceptable**.

A copies of the stamped label is enclosed for your records. Products shipped after 18 months from the date on this notice or the next printing of the label, whichever occurs first, must bear the new revised label language. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA. Per 40 CFR 156.10(6), one copy of the final printed labeling must be submitted to the Agency before the product is released for shipment. Your release for shipment of this product constitutes acceptance of these conditions.

If you have any questions please contact Michael Walsh by phone at (703) 308-2972 or via email at "walsh.michael@epa.gov".

Sincerely,

A handwritten signature in black ink, appearing to read "Kathryn V. Montague".

Kathryn V. Montague
Product Manager (23)
Herbicide Branch
Registration Division (7505P)

Enclosure

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Supplemental Label



V-10233 HERBICIDE

EPA Reg. No. 59639-193

V-10233 HERBICIDE FOR USE IN SOYBEAN

This supplemental label expires March 1, 2016 and must not be used or distributed after this date.

THIS LABELING MUST BE IN THE POSSESSION OF THE USER AT THE TIME OF APPLICATION. READ THE LABEL AFFIXED TO THE CONTAINER FOR V-10233 HERBICIDE BEFORE APPLYING. USE OF V-10233 HERBICIDE ACCORDING TO THIS LABELING IS SUBJECT TO THE USE PRECAUTIONS AND LIMITATIONS IMPOSED BY THE LABEL AFFIXED TO THE CONTAINER FOR V-10233 HERBICIDE

PERSONAL PROTECTIVE EQUIPMENT (PPE):

For aerial application to soybeans, mixers and loaders must also wear: PF 5 respirator.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

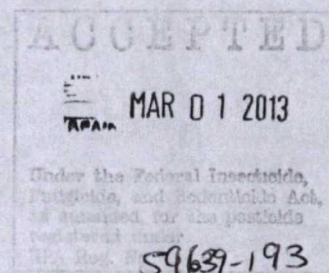
USE RESTRICTIONS AND PRECAUTIONS TO SOYBEAN

- Do not exceed the maximum seasonal rate of 3.75 oz/A.
- Do not apply after crop has emerged.
- Do not apply to frozen or snow covered soil.
- Do not apply this product when weather conditions favor spray drift from treated areas.
- Do not apply during low-level inversion conditions, including fog.
- When applying by air, observe drift management restrictions and precautions listed under "aerial application".
- Any tillage operation after the application or mechanical incorporation into the soil will reduce residual weed control.
- Do not graze treated soybean fields or feed treated forage or hay to livestock.

DIRECTIONS FOR USE IN SOYBEAN

(Pre-plant and Preemergence)

Apply V-10233 Herbicide to soybeans early pre-plant, prior to planting or preemergence (after planting). Preemergence application of V-10233 Herbicide must be made within 3 days after planting and prior to soybean emergence to control weeds listed in Table 1, Weeds Controlled or Suppressed by Residual Activity of V-10233 Herbicide. Application after the soybeans have begun to crack, or are emerged, will result in severe crop injury. Do not apply V-10233 Herbicide when soybeans have begun to crack.



USE PRECAUTIONS

- Do not apply more than 3.75 oz of V-10233 Herbicide per acre during a single growing season.
- Do not use V-10233 Herbicide in soybeans in the same field that flufenacet (Axiom[®], Domain[®]), alachlor (Micro-Tech[®]), metolachlor (Dual[®] products or Boundary[®]) or dimethenamid (Frontier[®] or Outlook[®]) will be used preemergence, or soybean injury may occur.
- Do not irrigate when soybeans are cracking.

TANK MIXES

Read tank mix product label for rates and weeds controlled. Always read and follow label directions for all tank mix products before using. Always confirm that the tank mix partners are registered for use on soybeans. The most restrictive labeling of any tank mix product must be followed. V-10233 Herbicide, when applied according to label use directions, will provide residual control of the weeds claimed in crop specific use directions. This label makes no claims concerning control of other weed species.

V-10233 Herbicide, applied as part of a burndown program, may be used for residual weed control, as well as to assist in postemergence burndown of many annual and perennial weeds where soybeans will be planted directly into a stale seedbed, cover crop or in previous crop residues. For control of emerged weeds, choose the most appropriate tank mix partner from Table 2, Tank Mix Partners for Control of Emerged Weeds. To ensure thorough coverage, use a minimum of 15 gals of spray solution per acre. Refer to tank mix partner's label for recommended application pressure. All V-10233 Herbicide tank mixes applied to assist in the control of emerged weeds must be applied with crop oil concentrate or methylated seed oil at 1 to 2 pt/A or a non-ionic surfactant at 0.25% v/v.

ADDITIONAL RESIDUAL BROADLEAF CONTROL

V-10233 Herbicide can be tank mixed with chlorimuron, Extreme[®], Gangster[®], metribuzin, Firstrate[®], Lorox[®], Pursuit Plus[®], pendimethalin, Python[®], Scepter[®] Valor[®], Valor[®] XLT for additional broadleaf control. Refer to tank mix product labels for specific recommendations.

ADDITIONAL RESIDUAL GRASS CONTROL

V-10233 Herbicide can be tank mixed with pendimethalin or Command[®] for additional grass control. Refer to tank mix product labels for specific recommendations.

**DIRECTIONS FOR USE IN FALL AND SPRING PREPLANT BURNDOWN
PRIOR TO SOYBEAN**

Apply V-10233 Herbicide at 3 to 3.75 oz/A in the fall to provide residual weed control in fields that will be planted the following spring with soybean. Weeds controlled or suppressed by residual activity are listed in Table 1, Weeds Controlled or Suppressed by Residual Activity of V-10233 Herbicide. Application rates of V-10233 Herbicide vary depending on soil type and organic matter. If weeds have emerged at the time of application, use V-10233 Herbicide in combination with a labeled burndown herbicide.

Weeds controlled by burndown and residual activity are listed in Table 4, Weeds Controlled by Fall and Spring Preplant Burndown Programs.

Application must be made no earlier than October 15 in Region 2 or November 15 in Region 1 or when soil temperature falls below 50°F at a 2 inch depth to maintain residual weed control into the spring (April 1 in Region 1 and May 1 in Region 2) or up until planting, whichever comes first. V-10233 Herbicide can be used in a fall burndown or fallow seedbed program outside of Regions 1 and 2, however the length of residual control may be variable. Abnormally warm or wet winters will reduce the length of weed control observed in the spring.

Fall Application Regions:

Region 1: Alabama, Arkansas, Georgia, Kentucky, Mississippi, Oklahoma, Tennessee and Virginia

Region 2: Delaware, Kansas, Illinois, Indiana, Iowa, Maryland, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, Pennsylvania, South Dakota, West Virginia and Wisconsin

Table 1. Weeds Controlled or Suppressed by Residual Activity of V-10233 Herbicide

Common Name	Scientific Name	V-10233 Herbicide Rate	
		3.0 oz/A	3.75 oz/A
		C = Control or S = Suppression	
BROADLEAF WEED SPECIES			
Bristly Starbur	<i>Acanthospermum hispidum</i>	S	S
Carpetweed	<i>Mollugo verticillata</i>	C	C
Common	<i>Stellaria media</i>	C	C
Mouseear	<i>Cerastium vulgatum</i>	C	C
Coffee Senna	<i>Cassia occidentalis</i>	S	C
Copperleaf, Hophornbeam	<i>Acalypha ostryifolia</i>	S	S
Dandelion	<i>Taraxacum officinale</i>	C	C
Eclipta	<i>Eclipta prostrate</i>	C	C
Eveningprimrose, Cutleaf	<i>Oenothera laciniata</i>	C	C
Florida Beggarweed	<i>Desmodium tortuosum</i>	S	C
Florida Pusley	<i>Richardia scabra</i>	C	C
Golden Crownbeard	<i>Verbesina encelioides</i>	S	C
Hairy Indigo	<i>Indigofera hirsuta</i>	S	C
Hemp Sesbania	<i>Sesbania exaltata</i>	C	C
Henbit	<i>Lamium amplexicaule</i>	C	C
Jimsonweed	<i>Datura stramonium</i>	C	C
Kochia	<i>Kochia scoparia</i>	C	C
Lambsquarters, Common	<i>Chenopodium album</i>	C	C
Little Mallow	<i>Malva parviflora</i>	C	C
Marestail/Horseweed	<i>Conyza canadensis</i>	C	C
Morningglories¹			
Entireleaf	<i>Ipomoea hederacea</i> var. <i>Integriscula</i>	S	C
Ivyleaf	<i>Ipomoea hederacea</i>	S	C
Red/Scarlet	<i>Ipomoea coccinea</i>	S	C
Tall	<i>Ipomoea purpurea</i>	S	C
Mustard, Wild	<i>Brassica kaber</i>	C	C
Palmer Amaranth	<i>Amaranthus palmeri</i>	C	C
Nightshades			
Black	<i>Solanum nigrum</i>	C	C
Eastern Black	<i>Solanum ptycanthum</i>	C	C
Hairy	<i>Solanum sarrachoides</i>	C	C
Pigweeds			
Redroot	<i>Amaranthus retroflexus</i>	C	C
Smooth	<i>Amaranthus hybridus</i>	C	C
Spiny Amaranth	<i>Amaranthus spinosus</i>	C	C
Tumble	<i>Amaranthus albus</i>	C	C
Prickly Sida (Teaweed)	<i>Sida spinosa</i>	C	C
Puncturevine	<i>Tribulus terrestris</i>	C	C
Purslane, Common	<i>Portulaca oleracea</i>	C	C
Radish, Wild	<i>Raphanus raphanistrum</i>	C	C

continued

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Table 1. Weeds Controlled or Suppressed by Residual Activity of V-10233 Herbicide

Common Name	Scientific Name	V-10233 Herbicide Rate	
		3.0 oz/A	3.75 oz/A
		C = Control or S = Suppression	
Redmaids	<i>Calandrinia ciliata</i> var <i>menziessii</i>	C	C
Shepherd's-purse	<i>Capsella bursa-pastoris</i>	C	C
Smallflower Morningglory	<i>Jacquemontia tamnifolia</i>	C	C
Spotted Spurge	<i>Euphorbia maculate</i>	C	C
Ragweeds²			
Common Ragweed	<i>Ambrosia artemisiifolia</i>	S	C
Ragweed, Giant	<i>Ambrosia trifida</i>	S	S
Russian Thistle	<i>Salsola iberica</i>	S	C
Smartweeds			
Ladysthumb	<i>Polygonum persicaria</i>	S	S
Pennsylvania	<i>Polygonum pensylvanicum</i>	S	S
Spurred Anoda	<i>Anoda cristata</i>	S	C
Tropic Croton	<i>Croton glandulosus</i>	S	C
Velvetleaf	<i>Abutilon theophrasti</i>	C	C
Venice Mallow	<i>Hibiscus trionum</i>	C	C
Waterhemp²			
Common	<i>Amaranthus rudis</i>	C	C
Tall	<i>Amaranthus tuberculatus</i>	C	C
Wild Buckwheat	<i>Polygonum convolvulus</i>	S	S
Wild Poinsettia	<i>Euphorbia heterophylla</i>	S	C
Wormwood, Biennial	<i>Artemisia biennis</i>	S	S
GRASS WEED SPECIES			
Barnyardgrass	<i>Echinochloa crus-galli</i>	C	C
Bluegrass, Annual	<i>Poa annua</i>	C	C
Cheat	<i>Bromus secalinus</i>	C	C
Crabgrass			
Large	<i>Digitaria sanguinalis</i>	C	C
Smooth	<i>Digitaria ischaemum</i>	C	C
Cupgrass, Southwestern	<i>Eriochloa gracilis</i>	C	C
Downy Brome	<i>Bromus tectorum</i>	C	C
Foxtails			
Giant	<i>Setaria faberi</i>	C	C
Green	<i>Setaria viridis</i>	C	C
Yellow	<i>Setaria glauca</i>	C	C
Goosegrass	<i>Eleusine indica</i>	C	C
Johnsongrass (seedling)	<i>Sorghum halepense</i>	C	C
Lovegrass, California	<i>Eragrostis diffusa</i>	C	C

continued

Table 1. Weeds Controlled or Suppressed by Residual Activity of V-10233 Herbicide

Common Name	Scientific Name	V-10233 Herbicide Rate	
		3.0 oz/A	3.75 oz/A
		C = Control or S = Suppression	
Panicums			
Fall	<i>Panicum dichotomiflorum</i>	C	C
Texas	<i>Panicum texanum</i>	C	C
Red Rice	<i>Oryza sativa</i>	C	C
Ryegrass			
Italian	<i>Lolium multiflorum</i>	C	C
Rigid	<i>Lolium rigidum</i>	C	C
Signalgrass, Broadleaf	<i>Brachiaria platyphylla</i>	C	C

¹ Morningglory species are not adequately controlled on fine soils or soils with greater than 3% organic matter.
² A postemergence herbicide, such as Cobra[®], Phoenix[™] or glyphosate (Roundup Ready[®] soybeans only) may be needed following a preemergence application of V-10233 Herbicide to adequately control common ragweed or waterhemp in soybean fields with heavy pressure.

Table 2. Tank Mix Partners for Control of Emerged Weeds

TANK MIX PARTNER	TARGET WEEDS ¹
2,4-D	Marestail Giant Ragweed Dandelion
2,4-D + Glyphosate	Chickweed Marestail Giant Ragweed Dandelion Annual Grass
Paraquat	Annual Grasses Henbit
Ignite [®]	General burndown, including marestail
Glyphosate	General Burndown
Select [®] Max	Annual Grasses
Sceptor [®] 70 DG	Cocklebur Common Sunflower

Table 3. Fall and Spring Preplant Burndown Programs for Soybean

Herbicide	Rates
Program 1¹	
V-10233 Herbicide	3 to 3.75 oz/A
Plus	
glyphosate	0.5 to 1.0 lb ai/A (equivalent to 1 to 2 pt/A of Roundup PowerMAX [®])
Plus	
2,4-D LVE (2,4-D for use on preplant soybeans only)	0.5 to 1.0 lb ai/A (equivalent to 1 to 2 pt/A of 2,4-D 4 LVE)
Plus	
NIS + AMS	0.5% v/v + 17 lbs/100 gallons of water
OR	
Program 2¹	
V-10233 Herbicide	3 to 3.75 oz/A
Plus	
glyphosate	0.5 to 1.0 lb ai/A (equivalent to 1 to 2 pt/A of Roundup PowerMAX)
Plus	
COC ²	1pt/A
or	or
NIS + AMS	0.5% v/v + 17 lbs/100 gallons of water
OR	
Program 3¹	
V-10233 Herbicide	3 to 3.75 oz/A
Plus	
2,4-D LVE (2,4-D for use on preplant soybean only)	0.5 to 1.0 lb ai/A (equivalent to 1 to 2 pt/A of 2,4-D 4 LVE)
Plus	
COC	1 pt/A
OR	
Program 4	
V-10233 Herbicide	3 to 3.75 oz/A
Plus	
Ignite [®]	32 to 40 fl oz/A

¹Dicamba (Banvel[®]/Clarity[®]), at 0.188 lb ai/A (6 fl oz/A of Banvel 4) can be added to Programs 1, 2 & 3 to assist in the control emerged broadleaves such as marestail, dandelions and other tough winter annuals. Refer to dicamba label for rotational restrictions. Also see CROP ROTATIONAL INTERVAL section of V-10233 Herbicide product label for additional information.

²Crop oil concentrate has been found to increase glyphosate burndown of emerged cutleaf, evening primrose and Carolina geranium.

Table 4. Weeds Controlled by Fall and Spring Preplant Burndown Programs

WEEDS CONTROLLED ¹		POSTEMERGENCE				RESIDUAL
COMMON NAME	SCIENTIFIC NAME	Program 1	Program 2	Program 3	Program 4	
Weeds 3 inches or less						
Chickweed						
Common	<i>Stellaria media</i>	Yes	Yes	No	Yes	Yes
Mouseear	<i>Cerastium vulgatum</i>	Yes	Yes	No	Yes	Yes
Dandelion	<i>Taraxacum officinale</i>	Yes	No	Yes	Yes	Yes
Henbit	<i>Lamium amplexicaule</i>	Yes	Yes	Yes	No	Yes
Kochia	<i>Kochia scoparia</i>	Yes	Yes	Yes	No	Yes
Marestail/Horseweed	<i>Coryza canadensis</i>	Yes	Yes ²	Yes	Yes	Yes
Groundsel, Cressleaf	<i>Senecio glabellus</i>	Yes	Yes	Yes	No	Yes
Purple Deadnettle	<i>Lamium purpureum</i>	Yes	Yes	Yes	No	Yes
Weeds 12 inches or less						
Carolina Geranium	<i>Geranium carolinianum</i>	Yes	Yes	Yes	No	Yes
Eveningprimrose, Cutleaf ³	<i>Oenothera laciniata</i>	Yes	Yes	Yes	No	Yes
Mustard, Wild	<i>Brassica kaber</i>	Yes	Yes	Yes	Yes	Yes
Shepherd's-purse	<i>Capsella bursa-pastoris</i>	Yes	Yes	Yes	Yes	Yes

¹ Refer to glyphosate and/or 2,4-D labels for additional weeds controlled and rotational restrictions.

² Program 2 will not control emerged glyphosate resistant marestail/horseweed.

³ Program 1 must not be used to control cutleaf eveningprimrose that are nearing 12 inches in height or are past the rosette stage. Programs 2 or 3 must not be used to control cutleaf eveningprimrose that are 12 inches or less and in the rosette stage.

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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