

59639-99

4-12-2004

1/9

Please read instructions on reverse before completing form.

Form Approved, OMB No. 2070-0080, Approval expires 2-28-95



United States
Environmental Protection Agency
Washington, DC 20460

☐ Registration
☐ Amendment
☒ Other

OPP Identifier Number

296144

Application for Pesticide - Section I

1. Company/Product Number 59639-99	2. EPA Product Manager Joanne Miller	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Valor Herbicide	PM# 23	
5. Name and Address of Applicant (Include ZIP Code) Valent USA Corporation 1600 Riviera Avenue, Suite 200 Walnut Creek, CA 94596 <input type="checkbox"/> Check if this is a new address		6. Expedited Review. In accordance with FIFRA Section 3(c)(3)(b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

NOTIFICATION

APR 12 2004

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Additional weeds controlled added to Table 1 and plantback interval clarified under "General Restrictions and Limitations".

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____	
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt	No. per container
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/>	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled		<input type="checkbox"/> Other _____			

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name James Pensyl	Title Project Manger	Telephone No. (Include Area Code) (925) 256-2786
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped)
2. Signature 	3. Title Project Manager	
4. Typed Name James Pensyl	5. Date April 5, 2004	

1600 Riviera Avenue
Suite 200
P.O. Box 8025
Walnut Creek, CA 94596-8025
(925) 256-2700



NOTIFICATION

April 5, 2004

APR 12 2004

Valor® Herbicide
EPA Reg. No. 59639-99
Supplemental Label Notification
OPP Identifier No. 296144

CERTIFICATION STATEMENT

This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

A handwritten signature in black ink, appearing to read "James Pensyl", written over a horizontal line.

James Pensyl
Project Manager
Registrations & Regulatory Affairs

Supplemental Label



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

VALOR® Herbicide EPA Reg. No. 59639-99

NOTIFICATION

APR 12 2004

VALOR HERBICIDE USE ON: COTTON

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS & DOMESTIC ANIMALS **CAUTION**

REDUCE
COTTON

ENVIRONMENTAL HAZARDS:

This product is toxic to non-target plants and aquatic invertebrates. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Drift or runoff may be hazardous to non-target plants and aquatic organisms in neighboring areas. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from treated areas. Do not contaminate water when disposing of equipment washwaters.

This pesticide is toxic to plants and should be used strictly in accordance with the drift and run-off precautions on this label in order to minimize off-site exposures.

Under some conditions this product may have a potential to run-off to surface water or adjacent land. Where possible, use methods which reduce soil erosion, such as no till, limited till and contour plowing; these methods also reduce pesticide run-off. Use of vegetation filter strips along rivers, creeks, streams, wetlands or on the downhill side of fields where run-off could occur will minimize water run-off and is recommended.

DIRECTIONS FOR USE

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

READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH PRECAUTIONARY STATEMENTS AND DIRECTIONS, AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS.

GENERAL INFORMATION

- VALOR provides residual control of susceptible weeds in cotton.
- VALOR can be applied as part of a fall burndown program for control of susceptible winter annuals.
- VALOR can be applied with a hooded or shielded sprayer, as well as part of a layby application, in cotton for postemergence weed control as well as residual control of susceptible weeds.

DIRECTIONS FOR USE IN COTTON

GENERAL RESTRICTIONS AND LIMITATIONS

- Do not apply more than 2 oz. of VALOR per acre during a single application.
- Do not apply more than 4 oz. of VALOR per acre during a single growing season.
- Do not make a sequential VALOR application within 30 days of the first VALOR application.
- Do not apply within 60 days of harvest.
- Post-directed and layby applications of VALOR should be applied only to healthy growing crops.
- Do not allow spray to come into contact with crop foliage.
- **Spray equipment used to apply VALOR should not be used to apply other materials to any crop foliage.**

4/9

ENVIRONMENTAL CONDITIONS AND BIOLOGICAL PERFORMANCE

Hooded, Shielded and Layby Application

For best results, VALOR should be applied to actively growing weeds within the growth stages indicated in this label. Applying VALOR under conditions that do not promote active weed growth will reduce herbicide effectiveness. Do not apply VALOR when the crop or weeds are under stress due to drought, excessive water, extremes in temperature, disease or low humidity. Weeds under stress tend to become less susceptible to herbicidal action. VALOR is most effective when applied under sunny conditions at temperatures above 65°F.

VALOR is rainfast one hour after application. Applications should not be made if rain is expected within one hour of application or postemergence efficacy may be reduced. Rainfall within one hour of application will not adversely affect residual activity.

HERBICIDE RATE

Hooded, Shielded and Layby Application

For postemergence weed control, VALOR should be applied through a hooded or shielded sprayer or at layby, at 2 oz./A, in combinations with either MSMA or glyphosate, to control the weeds listed in Table 1. Residual weed control can also be obtained through hooded, shielded and layby application of VALOR. Weeds that are controlled through residual activity of VALOR are listed in Table 2. Weeds that are suppressed by residual activity of VALOR are listed in Table 3.

CARRIER VOLUME AND SPRAY PRESSURE

Hooded, Shielded and Layby Application

To ensure thorough coverage in hooded, shielded and layby applications, use 15 to 30 gals. spray solution per treated acre. Use 20 to 30 gals. per treated acre under heavy weed pressure. Nozzle selection should meet manufacturer's gallonage and pressure recommendations for application method being used. Do not use "Flood jet" nozzles, as they tend to increase the chance of crop injury.

ADDITIVES

Hooded, Shielded and Layby Application

Weed control from hooded, shielded or layby application of VALOR in cotton requires the addition of an agronomically approved non-ionic surfactant to the spray mixture. Non-ionic surfactant must contain at least 80% active ingredient. Mixing compatibility qualities should be verified by a jar test. **The use of crop oil concentrates, methylated seed oils, organo-silicant surfactants or products containing these ingredients, may result in severe crop injury and should not be used.**

APPLICATION EQUIPMENT

Apply VALOR tank mixes, with ground equipment using standard commercial sprayers equipped with nozzles designed to deliver the desired spray pressure and spray volume. All nozzles must be under the hood or behind the shield to ensure no spray solution comes in contact with the cotton. Application equipment should be clean and in good repair. Nozzles should meet manufacturer's recommendations for spray pattern and placement on spray boom and should be checked frequently for accuracy.

TIMING TO COTTON

Hooded and Shielded Application

VALOR tank mixes may be applied with a hooded or shielded sprayer after cotton has reached a minimum of 6 inches in height. **Care must be taken to ensure the spray solution or drift does not come in contact with the cotton or severe crop injury can occur.**

Layby Application

Layby application of VALOR tank mixes may be made once cotton has developed a minimum of 4 inches of bark and has reached a minimum of 18 inches in height. Cotton that is smaller than 18 inches in height and/or has less than 4 inches of bark may be injured by VALOR applications. VALOR application must be directed to the lower 2 inches of bark to avoid crop injury. **Severe crop injury may result if application is made to green or unbarked stem.**

TIMING TO WEEDS

VALOR tank mix applications must be made to weeds within the height range given in Table 1.

TANK MIXES

VALOR must be tank mixed with one of the herbicides listed below for postemergence control of the weeds listed in Table 1.

Tank Mixes with VALOR for Hooded, Shielded, and/or Layby Use in Cotton

TANK MIX PARTNER	TARGET WEEDS	HOODED AND SHIELDED	LAYBY
Glyphosate	Perennial Grasses and Broadleaves	X	X ¹
MSMA	Annual Grasses Yellow Nutsedge	X	X

¹For use only in cotton with the Roundup Ready® gene.

Always read and follow label directions for all tank mix products before using. The most restrictive labeling of any tank mix product must be followed. VALOR, when applied according to label use directions, will control the weeds listed in Tables 1 and 2. This label makes no claims concerning control of other weed species.

DIRECTIONS FOR USE IN SPRING BURNDOWN PROGRAM (Preemergence to Crop)

VALOR can be used in combination with labeled burndown herbicides to control emerged weeds and provide residual weed control prior to crop emergence. Weeds controlled by residual activity are listed in Table 2.

No-till planters that incorporate the soil during planting may result in decreased weed control in the row.

GENERAL RESTRICTIONS AND LIMITATIONS

- Do not apply to frozen or snow covered soil.
- Do not perform any tillage operation after application or residual weed control will be reduced.
- VALOR can be used at 1 to 2 oz./A with labeled burndown herbicides to enhance the speed of burndown and increase weed spectrum.
- ~~A minimum of 21 days must pass, and 1 inch of rainfall/irrigation must occur, between VALOR application and planting of cotton.~~ A minimum of 14 days must pass, and 1 inch of rainfall/irrigation must occur, between VALOR application and planting of no-till or strip-till cotton when a Valor rate of 1 oz./A is used and 21 days when a Valor rate of 1.5 to 2 oz./A is used. The field must contain the stubble from the previous crop.
- Refer to most restrictive label for minimum interval between application and planting.

6/9

Table 1. Emerged Broadleaf Weeds Controlled by Hooded, Shielded and Layby Application of VALOR Tank Mixes With Glyphosate or MSMA in Cotton

BROADLEAF WEED SPECIES		WEED HEIGHT (inches) 2 oz./A
COMMON NAME	SCIENTIFIC NAME	
Bindweed, Field ¹	<i>Convolvulus arvensis</i>	4
Carpetweed	<i>Mollugo verticillata</i>	4
Chickweed, Common	<i>Stellaria media</i>	4
Cocklebur, Common	<i>Xanthium strumarium</i>	4
Florida Beggarweed	<i>Desmodium tortuosum</i>	2
Hemp Sesbania	<i>Sesbania exaltata</i>	6
Jimsonweed	<i>Datura stramonium</i>	4
Lambsquarters, Common	<i>Chenopodium album</i>	4
Morningglories		
Entireleaf	<i>Ipomoea hederacea</i> var. <i>integriuscula</i>	4
Ivyleaf	<i>Ipomoea hederacea</i>	4
Pitted	<i>Ipomoea lacunose</i>	4
Red	<i>Ipomoea coccinea</i>	4
Tall	<i>Ipomoea purpurea</i>	2
Nightshades		
Black	<i>Solanum nigrum</i>	4
Eastern Black	<i>Solanum ptycanthum</i>	4
Hairy	<i>Solanum sarrachoides</i>	4
Pigweeds		
Palmer Amaranth	<i>Amaranthus palmeri</i>	4
Redroot	<i>Amaranthus retroflexus</i>	4
Smooth	<i>Amaranthus hybridus</i>	4
Plaintain, Broadleaf	<i>Plantago major</i>	6
Prickly Sida (Teaweed)	<i>Sida spinosa</i>	4
Purslanes, Common	<i>Portulaca oleracea</i>	2
Ragweeds		
Common	<i>Ambrosia artemisiifolia</i>	2
Giant	<i>Ambrosia trifida</i>	4
Rice Flatsedge	<i>Cyperus iria</i>	2
Sicklepod	<i>Senna obtusifolia</i>	4
Smartweeds		
Ladysthumb	<i>Polygonum persicaria</i>	4
Pale	<i>Polygonum lapathifolium</i>	4
Pennsylvania	<i>Polygonum pennsylvanicum</i>	4
Spotted Spurge	<i>Euphorbia maculata</i>	4
Velvetleaf	<i>Abutilon theophrasti</i>	4
Venice Mallow	<i>Hibiscus trionum</i>	2
Waterhemp		
Common	<i>Amaranthus rudis</i>	2
Tall	<i>Amaranthus tuberculatus</i>	2
Wild Mustard	<i>Brassica kaber</i>	6

¹ VALOR tank mixes will control the above-ground portion of field bindweed only.

7/9

Table 2. Broadleaf Weeds Controlled by Residual Activity of VALOR at 2 oz/A

BROADLEAF WEED SPECIES				
COMMON NAME	SCIENTIFIC NAME	ORGANIC MATTER	SOIL TYPE	VALOR RATE
SECTION A				
Carpetweed	Mollugo verticillata	Up to 5%	All Soil Types	2.0 oz./A
Chickweeds				
Common	Stellaria media			
Mouseear	Cerastium vulgatum			
Dandelion	Taraxacum officinale			
Eclipta	Eclipta prostrata			
Eveningprimrose, Cutleaf	Oenothera laciniata			
Florida Pusley	Richardia scabra			
Henbit	Lamium amplexicaule			
Kochia	Kochia scoparia			
Lambsquarters, Common	Chenopodium album			
Little Mallow	Malva parviflora			
Marestail/Horseweed	Conyza canadensis			
Nightshades				
Black	Solanum nigrum			
Eastern Black	Solanum ptycanthum			
Hairy	Solanum sarrachoides			
Pigweeds				
Redroot	Amaranthus retroflexus			
Smooth	Amaranthus hybridus			
Spiny Amaranth	Amaranthus spinosus			
Tumble	Amaranthus albus			
Prickly Sida (Teaweed)	Sida spinosa			
Puncturevine	Tribulus terrestris			
Purslane, Common	Portulaca oleracea			
Redmaids	Calandrinia ciliata var. menziesii			
Shepherd's-purse	Capsella bursa-pastoris			
Smallflower Morningglory	Jacquemontia tamnifolia			
Spotted Spurge	Euphorbia maculata			
Venice Mallow	Hibiscus trionum			
SECTION B				
Coffee Senna	Cassia occidentalis	Up to 3%	All Soil Types	2.0 oz./A
Common Ragweed	Ambrosia artemisiifolia			
Florida Beggarweed	Desmodium tortuosum			
Golden Crownbeard	Verbesina encelioides			
Hairy Indigo	Indigofera hirsuta			
Hemp Sesbania	Sesbania exaltata	3 to 5%	Coarse and Medium Soils: (sandy loam, loamy sand, loamy, silt-loam, silt, sandy clay, sandy clay loam)	2.0 oz./A
Jimsonweed	Datura stramonium			
Morningglories				
Entireleaf	Ipomoea hederacea var. integruscula			
Ivyleaf	Ipomoea hederacea			
Red/Scarlet	Ipomoea coccinea			
Tail	Ipomoea purpurea			
Mustard, Wild	Brassica kaber			
Palmer Amaranth	Amaranthus palmeri			
Spurred Anoda	Anoda cristata			
Tropic Croton	Croton glandulosus			
Waterhemp			Fine Soils: (silty clay, silty clay loam, clay, clay loam)	2.0 oz./A
Common	Amaranthus rudis			
Tail	Amaranthus tuberculatus			
Wild Poinsettia	Euphorbia heterophylla			

Morningglory species are not adequately controlled on fine soils or soils with greater than 3% organic matter.

8/9

Table 3. Weeds Suppressed by Residual Activity of VALOR at 2 oz./A

BROADLEAF WEED SPECIES		ORGANIC MATTER	OUNCES PER ACRE
COMMON NAME	SCIENTIFIC NAME		
Bristly Starbur	<i>Acanthospermum hispidum</i>	Up to 5%	2.0
Copperleaf, Hophornbeam	<i>Acalypha ostryifolia</i>		
Ragweed, Giant	<i>Ambrosia trifida</i>		
Russian Thistle	<i>Salsola iberica</i>		
Smartweeds			
Ladysthumb	<i>Polygonum persicaria</i>		
Pennsylvania	<i>Polygonum pensylvanicum</i>		
Velvetleaf	<i>Abutilon theophrasti</i>		
GRASS WEED SPECIES			
Barnyardgrass	<i>Echinochloa crus-galli</i>		
Crabgrass, Large	<i>Digitaria sanguinalis</i>		
Foxtail, Giant	<i>Setaria faberi</i>		
Goosegrass	<i>Eleusine indica</i>		
Lovegrass, California	<i>Eragrostis diffusa</i>		
Panicums			
Fall	<i>Panicum dichotomiflorum</i>		
Texas	<i>Panicum texanum</i>		
Signalgrass, Broadleaf	<i>Brachiaria platyphylla</i>		

THIS LABELING MUST BE IN THE POSSESSION OF THE USER AT THE TIME OF APPLICATION. PLEASE REFER TO CONTAINER LABEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS. FOLLOW ALL APPLICATION DIRECTIONS, RESTRICTIONS, AND PRECAUTIONS ON THE EPA REGISTERED LABEL.

PLEASE CONTACT VALENT U.S.A. CORPORATION AT 1-800-6-VALENT (682-5368) TO DETERMINE IF THIS USE IS REGISTERED IN YOUR STATE.

Copyright © 2004 by Valent U.S.A. Corporation

ROUNDUP READY® - Reg. TM of Monsanto Co.
VALOR® - Reg. TM of Valent U.S.A. Corporation

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

Made in U.S.A.

Form 2004-VLR-0010 Rev. 1

1600 Riviera Avenue
Suite 200
PO. Box 8025
Walnut Creek, CA 94596-8025
(925) 256-2700



April 5, 2004

Valor® Herbicide
EPA Reg. No. 59639-99
Supplemental Label Notification
OPP Identifier No. 296144

Ms. Joanne Miller, PM-23
Document Processing Desk (NOTIF)
Office of Pesticide Programs (7504C)
U.S. Environmental Protection Agency
Room 266A, Crystal City Mall 2
1921 Jefferson Davis Highway
Arlington, Virginia 22202-4501

Dear Ms. Miller:

The purpose of this letter is to notify the Agency that we have made the following minor changes to the recently approved Valor Herbicide Supplemental label for use on cotton (EPA Reg. No. 59639-99):

- o Table 1: additional weeds controlled have been included in the table.
- o Under General Restrictions and Limitations, the plantback restrictions have been clarified. This change has been made, with the concurrence of Jim Stone (phone conversation with E. Maurer on 4/5/2004), to limit Valent's liability regarding crop tolerance. (This plantback interval is a Valent recommendation and is not a regulatory requirement).

I have enclosed an Application for Pesticide, EPA Form No. 8570-1 (OPP Identifier Number 296144), a certification statement, and labels with the changes clearly marked in red.

If you have any questions, please contact me at (925) 256-2786 or Mr. Eric Maurer in Valent's Washington, D.C. office at (202) 872-4682. Thank you.

Sincerely,

James Pensyl
Project Manager
Registrations & Regulatory Affairs

Enclosure