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\$epa	Environmenta	Inited States	n Agency	·	Registratio Amendme Other	OPP Identifier Number
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. Company/Product Numb 59639-98			2. EPA Product Joanne M	-		3. Proposed Classification
Company/Product (Name VALOR WP Herbicid			РМ# 23			
Name and Address of Ap	oplicant (Include ZIP Co	ode)	6. Expedited	Reveiw.	In accordance	with FIFRA Section 3(c)(3)
/alent U.S.A. Corpo 600 Riviera Ave., S Valnut Creek, CA 9	uite 200		to:			in composition and labeling
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Resubmission in res	ponse to Agency letter n below.	dated		oo* Applica - Explain be		APR 2 0 2004
. Material This Product Wi	ill Be Packaged In:		Section - III	<u></u>		
hild-Resistant Packaging	Unit Packaging		Water Soluble Packagin	9	2. Type of Con	itainer
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			Section - IV			
Contact Point (Complete	e items directly below f	for identification	of individual to be contac	ted, if nece	essary, to proces	ss this application.)
me ames Pensyl		Т	itle Project Manager			ephone No. (Include Area Code) 25) 256-2786
	ny knowlinglly false or		ON Il attachments thereto ar ment may be punishable			te, (Stamped)
Signature	hay	3.	Title Project Manager			
Typed Name			Date			

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



April 14, 2004

NOTIFICATION

APR 2 0 2004

Valor® WP Herbicide EPA Reg. No. 59639-98 Supplemental Label Notification OPP Identifier No. 296145

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.

James Pensyl

Project Manager Registrations & Regulatory Affairs

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Supplemental Label

VALOR® WP Herbicide EPA Reg. No. 59639-98

VALOR WP HERBICIDE USE ON: COTTON

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS & DOMESTIC ANIMALS CAUTION

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 WP provides residual control of susceptible weeds in cotton.
- VALOR WP can be applied as part of a fall burndown program for control of susceptible winter annuals.
- VALOR WP 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 WP per acre during a single application.
- Do not apply more than 4 oz. of VALOR WP per acre during a single growing season.
- Do not make a sequential VALOR WP application within 30 days of the first VALOR WP application.
- Do not apply within 60 days of harvest.
- Post-directed and layby applications of VALOR WP 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 WP should not be used to apply other materials to any crop foliage.

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

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APR 2 0 2004

ENVIRONMENTAL CONDITIONS AND BIOLOGICAL PERFORMANCE

Hooded, Shielded and Layby Application

For best results, VALOR WP should be applied to actively growing weeds within the growth stages indicated in this label. Applying VALOR WP under conditions that do not promote active weed growth will reduce herbicide effectiveness. Do not apply VALOR WP 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 WP is most effective when applied under sunny conditions at temperatures above 65°F.

VALOR WP 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 WP 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 WP are listed in Table 2. Weeds that are suppressed by residual activity of VALOR WP 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 WP 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 WP 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 WP 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 WP 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 WP applications. VALOR WP 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 WP tank mix applications must be made to weeds within the height range given in Table 1.

TANK MIXES

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

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

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

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 WP, 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 WP 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 WP 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 WP application and planting of cotton. A minimum of 14 days must pass, and 1 inch of rainfall/irrigation must occur, between VALOR WP application and planting of no-till or strip-till cotton when a Valor WP rate of 1 oz./A is used and 21 days when a Valor WP 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.

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 Table 1. Emerged Broadleaf Weeds Controlled by Hooded, Shielded and Layby Application of VALOR WP

 Tank Mixes With Glyphosate or MSMA in Cotton

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

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

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

COMMON NAME	SCIENTIFIC NAME	ORGANIC MATTER	SOIL TYPE	VALOR WP RATE
SECTION A			I	
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	1 .		
Eveningprimrose, Cutleaf	Oenothera laciniata	1		
Florida Puslev	Richardia scabra		1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	
Henbit	Lamium amplexicaule	1		
Kochia	Kochia scoparia	-		
Lambsquarters, Common	Chenopodium album			
Little Mallow	Malva parviflora			
Marestail/Horseweed	Conyza canadensis			
Nightshades		1		
Black	Solanum nigrum	1		
Eastern Black	Solanum ptycanthum	-1 .		
Hairy	Solanum sarrachoides	.		
Pigweeds		7		
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. menziessii	· ·		
Shepherd's-purse	Capsella bursa-pastoris			
Smallflower Morningglory	Jacquemontia tamnifolia			
Spotted Spurge	Euphorbia maculata			
Venice Mallow	Hibiscus trionum	- · · ·		
SECTION B			۰. ۲	•
Coffee Senna	Cassia occidentalis	Up to 3%	All Soil Types	2.0 oz./A
Common Ragweed	Ambrosia artemisiifolia			
Florida Beggarweed	Desmodium tortuosum			
Golden Crownpeard	Verbesina encelioides			
Hairy Indigo	Indigofera hirsuta	7		
Hemp Sespania	Sesbania exaltata	3 to 5%	Coarse and	2.0 oz./A
Jimsonweed	Datura stramonium	-	Medium Soils:	
Morningglones		-1	(sandy loam,	
Entireleaf	Ibomoea hederacea var. integriuscula	-1	loamy sand,	
lvyleat	Ipomoea hederacea		loamy, silt-	
Red/Scarlet	pomoea coccinea	7	loam, silt.	
Tall	loomoea purpurea		sandy clay,	
Mustard, Wild	Brassica kaber		sandy clay	
Palmer Amaranth	Amaranthus palmeri	-	loam)	
Spurred Anoda	Anoda cristata		Fine Soils: (silty	2.0 oz./A
Tropic Croton	Croton glandulosus	-1	clay, silty clay	
Waterhemps		-	loam, clay, clay	
Common	Amaranthus rudis	-	loam)	
Tail	Amaranihus tuberculatus	-1		
i all	minaraninus luberculatus		1	

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

Table 2. Broadleaf Weeds Controlled by Residual Activity of VALOR WP at 2 oz./A BROADLEAF WEED SPECIES

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COMMON NAME	SCIENTIFIC NAME	ORGANIC MATTER	SOIL TYPE	VALOR WP RATE
SECTION 4				
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			
lorida Pusley	Richardia scabra			
lenbit	Lamium amplexicaule			
Kochia	Kochia scoparia			
ambsquarters, Common	Chenopodium album			
ittle Mallow	Malva parviflora			
Aarestail/Horseweed	Conyza canadensis			
lightshades				
Black	Solanum nigrum			
Eastern Black	Solanum ptycanthum			
······································		1		
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. menziessii			
Shepherd's-purse	Capsella bursa-pastoris			
Smallflower Morningglory	Jacquemontia tamnifolia			
Spotted Spurge	Euphorbia maculata	-		
Venice Mallow	Hibiscus trionum			
SECTION 3				
10000000000000000000000000000000000000	Cassia occidentalis	Up to 3%	All Soil Types	2.0 oz. A
Tapor in Represe	Amprosia artemisinoua	-		
ମାର୍କ୍ତ ଥିବାଯାଇ କରିବିଶ	2esmoaium tortuosum			
Tordeb C 12 L 10 6 and	- erbesina encereides			
Alera alla	"ownera hirsuta	-		
Alternation	Sestana exercica	3 to 5%	Coarse and	2.0 oz. A
nist englisht	alura sirunonunt		Medium Soils:	2.0 02.71
and an			(sandy loam,	
and an State of State	contrea hederarca var. infedriuscula	-	loamy sand,	
	competitional and the second		loamy, silt- loam, silt.	
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			sandy clay,	
ilian	Compea burpurea		sandy clay Ioam)	
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1977 (ACA) (ACA)	 maranthus publiciti 	4	Ting Coiley (ailty)	A 44 4 1
5.31.11.55 (1997) . 4	k voča onstata		Fine Soils: (silty	2.0 oz. A
	 Companderosos 		clay, silty clay	
en e		_	loam, clay, clay loam)	
Contract.	AUDICATIOUS PUBLS		ioam	
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Alcohologiest scenes are ust adequately controlled on rine soils or soils with greater than 3% organic matter.

Table 3. Weeds Suppressed by Residual Activity of VALOR WP at 2 BROADLEAF WEED SPECIES		ORGANIC	OUNCES PER	
COMMON NAME	SCIENTIFIC NAME	MATTER	ACRE	
Bristly Starbur	Acanthospermum hispidum	Up to 5%	2.0	
Copperleaf, Hophornbeam	Acalypha ostryifolia			
Ragweed, Giant	Ambrosia trifida			
Russian Thistle	Salsola iberica			
Smartweeds				
Ladysthumb	Polygonum persicaria			
Pennsylvania	Polygonum pensylvanicum			
Vetvetleaf	Abutilon theophrasti			
GRASS WEED SPECIES				
Barnyardgrass	Echinochloa crus-galli			
Crabgrass, Large	Digitaria sanguinalis			
Foxtail, Giant	Setaria faberi			
Goosegrass	Eleusine indica			
Lovegrass, California	Eragrostis diffusa			
Panicums				
Fall	Panicum dichotomiflorum			
Texas	Panicum texanum			
Signalgrass, Broadleaf	Brachiaria platyphylla			

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.

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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.

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Form 2004-VWP-0010.Notification

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

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ALENT®.

April 14, 2004

Valor® WP Herbicide EPA Reg. No. 59639-98 Supplemental Label Notification OPP Identifier No. 296145

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 WP Herbicide Supplemental label for use on cotton (EPA Reg. No. 59639-98):

- Table 1: additional weeds controlled have been included in the table.
- 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 296145), 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,

Project Manager Registrations & Regulatory Affairs

Enclosure