

5/29/96

NOTIFICATION

PM 23 10182-83

P9 115

Please read instructions on reverse before completing form.

Form Approved OMB No. 2070-0060. Approval expires 05-31-98



United States  
Environmental Protection Agency  
Washington, DC 20460

Registration  
Amendment  
Other

OPP Identifier Number

245387

## Application for Pesticide - Section I

1. Company/Product Number 10182-83	2. EPA Product Manager Joanne Miller	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) REFLEX Herbicide	PM# 23	
5. Name and Address of Applicant (Include ZIP Code) ZENECA Ag Products 1800 Concord Pike, PO Box 15458 Wilmington, DE 19850-5458 <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.

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

Notification of supplemental label for REFLEX modifying geography in Texas, Missouri and West Virginia as per the Agency's February 22, 1996 approval (copy attached).

## 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"/> On Label <input type="checkbox"/> On Labeling accompanying product	
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 Saundra M. O'Bryan		Title Regulatory Product Manager	
		Telephone No. (Include Area Code) 302-886-8789	
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 (Stamp) 96 MAY 29 A11
2. Signature <i>Saundra M. O'Bryan</i>		3. Title Regulatory Product Manager	
4. Typed Name Saundra M. O'Bryan		5. Date May 17, 1996	

SUPPLEMENTAL LABEL FOR USE ON SOYBEANS

'96 MAY 29 A11 :04

**REFLEX® Herbicide**

EPA Reg. No. 10182-83

**DIRECTIONS FOR USE**

Refer to the REFLEX® production label for specific use regions and application rates.  
It is a violation of federal law to use this product in a manner inconsistent with its labeling.

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**APPLICATION DIRECTIONS**

Always Add One of the Following:

Nonionic Surfactant - Add nonionic surfactant containing at least 75% surface active agent at 0.25 to 0.5% (½ to 1 pint per 25 gallons) of the finished spray volume to improve contact activity.

Crop Oil Concentrate - Add a nonphytotoxic crop oil concentrate, or a once-refined vegetable oil concentrate (VOC, MSO) containing 15%-20% approved emulsifier, at 0.5-1% (1-2 pints per 25 gallons) of the finished spray volume. Crop oil concentrate can improve weed control but may slightly reduce crop tolerance.

**GENERAL USE PRECAUTIONS**

- Apply to actively growing weeds. Avoid applying REFLEX to weeds or soybeans which are under stress from moisture, temperature, low soil fertility, mechanical or chemical injury, as reduced weed control and/or increased crop injury may result.
- A maximum of 1½ pints of REFLEX Herbicide may be applied per acre per season to soybeans in Region 1.
- A maximum of 1½ pints of REFLEX Herbicide may be applied per acre in alternate years in Region 2.

**REGIONS****REFER TO MAP FOR DEFINITION OF SPECIFIED GEOGRAPHIC REGIONS**

**REGION 1** - Includes the following states or portion of states where REFLEX may be applied: Alabama, Arkansas, Georgia, Louisiana, Mississippi, Missouri (counties of Butler, Dunklin, Mississippi, New Madrid, Pemiscot, Scott and Stoddard), North Carolina, Oklahoma (east of U.S. Highway 75 and east of Indian Nation Parkway), South Carolina, Tennessee and Texas (east of U.S. Highway 77 to State Road 239, including all of Calhoun County).

**REGION 2** - Includes the following states where REFLEX may be applied: Delaware, Kentucky, Maryland, Virginia, West Virginia and South of Interstate 70 in the following states: Illinois, Indiana and Ohio.

## APPLICATION RATES FOR WEED GROWTH STAGES

	REFLEX Rate (Pts/A)		
	Maximum Growth Stage Controlled At		
Weed	1 Pt/A # of True Leaves	1.25 Pts/A # of True Leaves	1.5 Pts/A # of True Leaves
Anoda, Spurred	—	—	2
Carpetweed	6" Diameter Size	Multi-leaf 6" Diameter	Unlimited Size
Citron (Wild Watermelon)	2	2	4
Cocklebur, Common <sup>a,b</sup>	2	2	4
Copperleaf, Hophornbeam	2	2	4
Copperleaf, Virginia	2	2	4
Crotalaria, Showy	4	4	6
Croton, Tropic	2	2	4
Cucumber, Volunteer	4	4	6
Eclipta	2	2	4
Groundcherry, Cutleaf	4	4	6
Jimsonweed	4	6	8
Ladysthumb	2	2	4
Lambsquarters, Common <sup>c</sup>	2	2	2
Mexicanweed	2 <sup>c</sup>	2 <sup>c</sup>	2
Morningglory			
Cypressvine	4	4	6
Entireleaf var.	2	2	4
Ivyleaf	2	2	4
Purple Moonflower	2	4	4
Red (Scarlet)	2	2	4
Smallflower	2	2	4
Pitted (Smallwhite)	4	4	4
Tall (Common)	2	2	3
Palmleaf (Willowleaf)	2	2	4
Mustard, Wild	4	6	8
Nightshade, Black	4	4	4
Nutsedge, Yellow	—	—	Suppression Only
Pigweed, spp.			

	REFLEX Rate (Pts/A)		
	Maximum Growth Stage Controlled At		
Weed	1 Pt/A # of True Leaves	1.25 Pts/A # of True Leaves	1.5 Pts/A # of True Leaves
Amaranth, Palmer	4	4	6
Amaranth, Spiny	2	2	4
Redroot	4	6	6
Smooth	4	4	6
Waterhemp, Common	2	2	4
Waterhemp, Tall	2	2	4
Poinsettia, Wild	—	—	3
Purslane, Common	Multi-Leaf 6" Diameter	Multi-Leaf 6" Diameter	Multi-Leaf 8" Diameter
Pusley, Florida	—	—	2
Ragweed, Common	4	4	6
Ragweed, Giant <sup>b</sup>	—	4	4
Redweed	—	—	3 <sup>c</sup>
Sesbania, Hemp	6	6	12
Sicklepod	—	—	Cotyledon <sup>c</sup>
Sida, Prickly	—	—	Cotyledon <sup>c</sup>
Smartweed, Pennsylvania	4	4	6
Smellmelon	—	—	2
Spurge, Prostrate	—	—	1" Diameter <sup>c</sup>
Spurge, Spotted	—	—	2 <sup>c</sup>
Starbur, Bristly	2	2	4
Sunflower, Common	—	2	4
Velvetleaf <sup>b</sup>	—	2	4
Venice Mallow	4	4	6
Witchweed	Multi-leaf Up to 7"	Multi-leaf Up to 7"	Multi-leaf Up to 10"
Yellow Rocket	4	6	6

<sup>a</sup> Do not apply in cotyledon stage.

<sup>b</sup> It is necessary to use 1% MSO and 2.5% UAN v/v as an adjuvant in Region 2.

<sup>c</sup> Suppression only.

## TANKMIX AND SEQUENTIAL APPLICATIONS FOR SOYBEANS

REFLEX may be used sequentially or in tankmix with one or more of the following herbicides: FUSILADE® DX, FUSION®, Assure II®, Poast®, Poast Plus™, Select®, Basagran®, Butyrac®, Classic®, Pinnacle®, Pursuit®, Scepter®, Concert®, Synchrony® STS, and Resource®.

Under certain conditions, the mixture of REFLEX with one of the above mentioned broadleaf herbicides may cause a reduction in activity of any postemergence grass herbicide in the mixture.

For sequential applications allow 2-3 days after the application of the grass herbicide before applying REFLEX or REFLEX mixtures. In case REFLEX or the REFLEX mixture is applied first apply the grass herbicide when the grass weeds begin to develop new leaves (generally around 7 days).

**NOTE:** Tankmix applications can result in increases in crop injury as compared to either product used alone.

Always read and follow the restrictions and limitations for all products whether used alone, sequentially or in a tankmix. The most restrictive labelling of any product used applies.

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All applicable directions, restrictions and precautions on the EPA-registered label are to be followed. This labeling must be in the possession of the user at the time of pesticide application.

REFLEX®, FUSILADE® and FUSION® are trademarks of ZENECA Group Companies.  
Assure II®, Concert®, Classic®, Pinnacle® and Synchrony STS® are trademarks of E. I. du Pont de Nemours & Co.  
Basagran®, Poast®, and Poast Plus™ are trademarks of BASF Corporation.  
Butyrac® is a trademark of Rhone-Poulenc, Inc.  
Pursuit® and Scepter® are trademarks of American Cyanamid Company.  
Select® and Resource® are trademarks of Valent Chemical Co.