

241-337

11/05/1999

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Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0080.



United States
Environmental Protection Agency
Washington, DC 20460

<input type="checkbox"/>	Registration
<input type="checkbox"/>	Amendment
<input checked="" type="checkbox"/>	Other

OPP Identifier Number
260839

Application for Pesticide - Section I

1. Company/Product Number 241-337	2. EPA Product Manager J. Thompkins	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) PROWL® 3.3 EC herbicide	PM# Team 25	
5. Name and Address of Applicant (include ZIP Code) American Cyanamid Company Agricultural Research Division P.O. Box 400 Princeton, NJ 08543-0400 <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 _____	NOTIFICATION NOV 5 1999
<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 update to recommendations for use in Delayed Flood, Water-Seeded Rice in Louisiana. (Change in self-imposed label expiration date from December 31, 1999 to December 31, 2001) per PR Notice 98-10. 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.

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 Frederick L. Groya		Title Global Registration Manager		Telephone No. (Include Area Code) 609-716-3130	
Certification					6. Date Application Received (Stamped)
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.					
2. Signature <i>Frederick L. Groya</i>		3. Title Global Registration Manager			
4. Typed Name Frederick L. Groya		5. Date November 4, 1999			



THIS SUBMISSION DOES NOT CONTAIN 40 CFR 158 DATA

2/8

American Cyanamid Company
Agricultural Products Research Division
P.O. Box 400
Princeton, NJ 08543-0400
Phone (609) 716-2000
General Fax (609) 275-3582

November 4, 1999

Mr. James A. Tompkins, Team Leader (Team 25)
Registration Division (H7505C)
Office of Pesticide Programs
U. S. Environmental Protection Agency, Crystal Mall, Building No. 2
1921 Jefferson Davis Highway
Arlington, VA 22202

Subject: **PROWL® 3.3 EC Herbicide (EPA Reg. No. 241-337)**
Notification of a Revised Supplemental Label: For Use in Delayed Flood, Water-
Seeded Rice in Louisiana
(OPP Id. No. 260839)

Dear Mr. Tompkins:

American Cyanamid Company is notifying the EPA of a revision to the subject supplemental label for PROWL 3.3 EC herbicide, EPA Reg. No. 241-337.

The only revision to the label is a change in the self-imposed label expiration date. The date has been changed from December 31, 1999 to December 31, 2001.

Included in this submission are the following:

- Table of Contents
- Revised Supplemental Label for use in Delayed Flood, Water-Seeded Rice in Louisiana (Exhibit 1)
- Current Supplemental Label for use in Delayed Flood, Water-Seeded Rice in Louisiana (Exhibit 2)

Five loose copies of the supplemental label are also included for your files. Please call me directly 609.716.3130 or contact me by e-mail at groyaf@pt.cyanamid.com if you need additional information or have any questions regarding this submission.

Sincerely,

Frederick L. Groya, Ph.D.
Manager, Global Regulatory Affairs

FLG:ceb
Encls.

®Registered Trademark of American Cyanamid Company

PROWL[®]

3.3 EC herbicide

Supplemental Labeling

EPA Reg. No. 241-337

FOR USE IN DELAYED FLOOD, WATER-SEEDED RICE IN LOUISIANA

USE OF PROWL 3.3 EC PLUS ARROSOLO¹, FACET² 75 DF OR PROPANIL TANK MIXTURES FOR EARLY POSTEMERGENCE WEED CONTROL

OBSERVE ALL PRECAUTIONARY STATEMENTS IN THE PROWL 3.3 EC, ARROSOLO, FACET 75 DF AND PROPANIL LEAFLET LABELS BEFORE USING. OBSERVE ALL USE DIRECTIONS INCLUDING PRECAUTIONS, RESTRICTIONS AND LIMITATIONS, GENERAL INFORMATION, USE AREA, MIXING AND APPLICATION INSTRUCTIONS, USES WITH OTHER PRODUCTS, WEEDS CONTROLLED AND ROTATIONAL CROP RESTRICTIONS. OBSERVE THE MOST RESTRICTIVE INSTRUCTIONS ON ANY PRODUCT LABEL.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. This label must be in the possession of the user at the time of herbicide application.

This label expires December 31, 2001.

GENERAL INSTRUCTIONS

PROWL 3.3 EC plus Arrosolo, Facet 75 DF or propanil may be applied as an early postemergence application in delayed flood, water-seeded rice.

DO NOT use in pinpoint flood water-seeded rice systems.

DO NOT use in California.

This pesticide is toxic to fish and aquatic organisms. Fish may be killed at application rates recommended on the label. **DO NOT** contaminate water by cleaning of equipment or disposal of wastes.

DO NOT apply to rice fields if fields are used for fish production, especially catfish or crayfish farming.

DO NOT make more than one application of PROWL 3.3 EC per season.

®Registered Trademark of American Cyanamid Company.

¹ Arrosolo is a Trademark of Zeneca.

² Facet is a trademark of BASF Corporation.

NOTIFICATION

NOV 5 1999

DO NOT bale or use rice straw from treated fields for feed or bedding.

DO NOT use water containing PROWL 3.3 EC residues from rice cultivation to irrigate food or feed crops which are not registered for use with PROWL 3.3 EC.

In case of a crop failure due to weather conditions or disease following treatment with PROWL 3.3 EC alone or in a tank mixture, only drilled dry-seeded rice may be immediately replanted; however, the grower assumes all risks and consequences associated with replanting of rice because there is the potential for stand reduction or stunting. A 10 percent increase in seeding rate is recommended. Replant seed below the herbicide layer because reduced stand or stunting may occur if PROWL 3.3 EC contacts germinating rice seed. **DO NOT** replant with gibberellic acid-treated seed. **DO NOT** reapply PROWL 3.3 EC alone or in a tank mixture.

PROWL 3.3 EC is not recommended for use on peat or muck soils.

**Early Postemergence Applications
in Delayed Flood, Water-Seeded Rice**

PROWL 3.3 EC plus Arrosolo, Facet 75 DF or propanil

PROWL 3.3 EC plus Arrosolo, Facet 75 DF or propanil are postemergence treatments that combine the direct contact action of Arrosolo, Facet 75 DF or propanil and the residual activity of PROWL 3.3 EC. Since the residual activity of PROWL 3.3 EC provides preemergence control of certain annual grasses which can germinate after this tank-mix treatment is applied, flooding after application can be delayed.

For maximum weed control with this treatment, it is important to carefully follow the directions below for (1) adequate spray coverage of weeds and soil and (2) proper timing of application, when rice is in the 3-4 leaf stage of growth.

The seedbed should be firm and free of clods and trash. The seedbed must be prepared to allow for good seed establishment. Previous crop residues should be thoroughly mixed into the soil to a depth of 4 to 6 inches by plowing or disking before planting rice.

Uniformly apply recommended PROWL 3.3 EC plus Arrosolo, Facet 75 DF or propanil treatment by aircraft or ground equipment when rice is in the 3-4 leaf stage of growth. Timing should be based on the growth stage of rice. **DO NOT** apply before rice is in the 3-4 leaf growth stage or crop injury may occur.

While the residual activity of PROWL 3.3 EC allows flooding to be delayed, proper water management practices must be followed for normal rice growth. Flooding should not be delayed if weeds begin to develop after application. Since soil and weeds must be completely exposed to spray coverage, no flood water should be on field at time of application.

For maximum direct contact activity of Arrosolo, Facet 75 DF or propanil, delay application if there is a chance of rain within 6 to 8 hours.

DO NOT apply PROWL 3.3 EC plus Arrosolo or propanil tank mixture within 14 days before or after insecticide applications because serious damage to rice may occur.

Application Timing

PROWL 3.3 EC plus Arrosolo, Facet 75 DF or propanil tank mixture may be applied early postemergence as follows:

1. Apply when soil surface is dry, moist, or wet without standing water. If necessary, fields may be flushed prior to treatment to produce vigorous rice and weed growth. Since soil and weeds must be completely exposed to spray coverage, no flood water should be on the field at time of application. Cloddy soil, standing water (puddles) at the time of application, or cracks in the soil that form after application may result in reduced weed control.
2. Uniformly apply the recommended PROWL 3.3 EC plus Arrosolo, Facet 75 DF or propanil treatment when **rice is in the 3-4 leaf stage of growth** by aircraft or ground equipment according to spraying instructions below. **DO NOT APPLY BEFORE RICE IS IN THE 3-4 LEAF GROWTH STAGE OR CROP INJURY MAY OCCUR.**
3. Because the residual activity of the PROWL 3.3 EC allows for delayed flooding, this treatment may be applied if rice is too small to maintain a flood on the field for weed control. However, proper water management practices must be followed for normal rice growth and activity of PROWL 3.3 EC. Flooding should not be delayed if weeds begin to develop after application.

Since the residual activity of PROWL 3.3 EC is activated by moisture, PROWL 3.3 EC tank mixtures are most effective in controlling emerging weeds when adequate rainfall or irrigation (flush) is received within 3-7 days after application or when new grass/weeds have emerged and are less than one inch tall.

Use Rates

Broadcast Rate per Acre of PROWL 3.3 EC plus Arrosolo, Facet 75 DF or Propanil Tank Mixtures in Rice

Soil Texture	PROWL 3.3 EC (Pints per Acre)	Arrosolo or Propanil* (Pints per Acre)	Facet 75 DF (Pounds per Acre)
Coarse	1.8 pts	6.0 to 8.0 pts	0.50 lb
Medium	1.8 to 2.4 pts	6.0 to 8.0 pts	0.50 lb
Fine	1.8 to 2.4 pts	6.0 to 8.0 pts	0.50 lb

*Based on 4 lb a.i. per gallon

Use the high rate of Arrosolo or propanil if the following situations exist at the time of application: (1) unseasonably cool weather, (2) barnyardgrass has progressed to predominantly the 3 to 4 leaf stage, or (3) emerged sprangletop (less than 1/2 inch) is present.

Use the higher rate of PROWL 3.3 EC for each soil texture if heavy weed populations are anticipated

ADDITION OF CROP OIL CONCENTRATE IS REQUIRED WITH FACET 75 DF APPLICATION.

Weeds Controlled

The following grass and broadleaf weeds are controlled preemergence by the residual activity of PROWL 3.3 EC:

Grasses Controlled

- | | |
|-----------------|-------------------------------|
| Barnyardgrass | Johnsongrass, seedling |
| Crabgrass | Junglerice |
| Crowfootgrass | Panicum, fall |
| Field Sandbur | Panicum, Texas (Buffalograss) |
| Foxtail, giant | Signalgrass |
| Foxtail, green | Sprangletop (Leptochloa spp.) |
| Foxtail, yellow | Witchgrass |
| Goosegrass | |

Broadleaves Controlled

- | | |
|---------------------------|--------------------------------------|
| Carpetweed | Purslane |
| Florida pusley | Smartweed, Pennsylvania ¹ |
| Kochia | Spurge, annual |
| Lambsquarters | Velvetleaf (buttonweed) ¹ |
| Pigweed (Amaranthus spp.) | |

¹ Reduced competition only.

Refer to the Arrosolo, Facet 75DF or propanil labels for weeds controlled in addition to PROWL 3.3 EC alone

Spraying Instructions

Spray drift can cause injury to sensitive crops. See the Arrosolo, Facet 75 DF or propanil labels for sensitive crops: follow all recommendations to minimize drift.

DO NOT apply PROWL 3.3 EC through any type of irrigation system.

DO NOT apply in liquid fertilizer.

Aerial Applications

For aerial application, apply the recommended rate in 5 to 10 (10 to 12 for propanil and Arrosolo) gallons of water per acre to ensure adequate coverage. To minimize drift, **DO NOT** apply during periods of gusty winds or when wind conditions favor drifting. It is recommended that a flagman or an automatic mechanical flagging unit on the aircraft be used to avoid overlapping and possible crop injury.

Ground Applications

For ground equipment, apply the recommended rate in 10 to 20 (15 to 25 for propanil and Arrosolo) gallons of water per acre to ensure adequate coverage. Use a properly calibrated low-pressure (20 to 40 psi) sprayer equipped with 8002 or larger size Tee-Jet or comparable nozzles to achieve uniform spray distribution and minimize drift. Keep the bypass line on or near the bottom of the tank to minimize foaming. Nozzle screens must be no finer than 50 mesh. **DO NOT** apply PROWL 3.3 EC during periods of gusty winds or when wind velocity is greater than 20 mph.

DISCLAIMER

THE USER ASSUMES ALL RISKS AND CONSEQUENCES ASSOCIATED WITH APPLICATIONS OF PROWL 3.3 EC PLUS ARROSOLO, FACET 75 DF AND PROPANIL TANK MIXTURES TO WATER-SEEDED RICE CROPS.

REFER TO THE PROWL 3.3 EC, ARROSOLO, FACET 75 DF AND PROPANIL LEAFLET LABELS FOR ADDITIONAL DISCLAIMER STATEMENTS.



American Cyanamid Company
Global Agricultural Products Division
Crop Protection Products Department
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