

Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060. Approval expires 2-28-95



United States  
Environmental Protection Agency  
Washington, DC 20460

Registration  
 Amendment  
 Other

OPP Identifier Number  
225456

Application for Pesticide - Section I

1. Company/Product Number DETAIL CP Herbicide EPA Reg. No. 241-289	2. EPA Product Manager R. Taylor	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) DETAIL CP Herbicide	PM# 25	
5. Name and Address of Applicant (Include ZIP Code) American Cyanamid Company Agricultural Research Center 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 _____
<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 24 1996

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

Notification of the Addition of two states to the label as per PR 95-2

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
* Certification must be submitted	If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt.	No. per container	<input type="checkbox"/> Other (Specify) _____
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 John J. Wrubel	Title Product Registrations Mgr.	Telephone No. (Include Area Code) 609-716-2378
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 <i>John J. Wrubel</i>	3. Title Product Registrations Mgr.	
4. Typed Name John J. Wrubel	5. Date 3/14/96	



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Attachment to OPP ID No. 225456

**Notification of the Addition of Two States to the Label as Per PR Notice 95-2**

This notification is consistent with the provisions of PR Notice 95-2 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 95-2 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 cursive script that reads "John J. Wrubel".

John J. Wrubel  
Product Registrations Manager  
U.S. Plant Regulatory Affairs  
American Cyanamid Company

3/14/96

Date

**DETAIL™ CP herbicide**

**A CO-MINI-BULK PRODUCT FOR WEED CONTROL IN SOYBEANS**

**FOR USE IN ARKANSAS, LOUISIANA, MISSISSIPPI, and TENNESSEE**

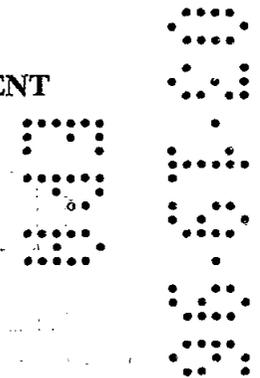
HERBICIDE 1 EPA Reg. No. 241-289	HERBICIDE 2 EPA Reg. No. 55947-140-241
<b>ACTIVE INGREDIENT:</b>	<b>ACTIVE INGREDIENT:</b>
Ammonium salt of imazaquin: (2-[4,5-dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1H-imidazol-2-yl]-3-quinolinecarboxylic acid)*..... 17.3%	Dimethenamid: 2-chloro-N-[(1-methyl-2-methoxy)ethyl]-N-(2,4-dimethyl-thien-3-yl)-acetamide .....79.4%
INERT INGREDIENTS ..... <u>82.7%</u>	INERT INGREDIENTS ..... <u>20.6%</u>
TOTAL .....100.0%	TOTAL.....100.0%
*Equivalent to 16.4% 2-[4,5-dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1H-imidazol-2-yl]-3-quinolinecarboxylic acid	
(1 gallon contains 1.5 pounds of active ingredient as the free acid)	(1 gallon contains 7.5 pounds of active ingredient per gallon)

This Co-Mini-Bulk contains 60 gallons of HERBICIDE 1 and 120 gallons of HERBICIDE 2.

In case of an emergency endangering life or property involving this product, call collect, day or night, Area Code 201-835-3100.

Refer to the individual product labels for Precautionary Statements, Worker Protection Standard Requirements, Storage and Disposal and Environmental Hazards information.

**AMERICAN CYANAMID COMPANY**  
**AGRICULTURAL PRODUCTS DIVISION**  
**CROP PROTECTION CHEMICALS DEPARTMENT**  
**WAYNE, NJ 07470 ©1996**



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**DIRECTIONS FOR USE**

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

**This labeling must be in the possession of the user at the time of pesticide application.**

**Observe all cautions and limitations on this label and on the labels of each of the products in this co-pack before using. Always follow the use directions of the more restrictive label.**

**Observe all cautions and limitations on the labels of products used in combination with DETAIL CP.**

**Do not use DETAIL CP other than in accordance with the instructions set forth on this label. The use of DETAIL CP not consistent with this label may result in injury to crops.**

**Keep containers closed to avoid spills and contamination.**

**DO NOT apply this product through any type of irrigation system.**

**DISCLAIMER**

The label instructions for the use of this product reflect the opinion of experts based on research and field use. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, herbicide resistant weed populations, or the use of, or application of the product contrary to label instructions, all of which are beyond the control of American Cyanamid Company. All such risks shall be assumed by the user.

American Cyanamid Company shall not be responsible for losses or damages resulting from use of this product in any manner not set forth on this label. User assumes all risks associated with the use of this product in any manner not specifically set forth on this label.

American Cyanamid Company warrants only that the material contained herein conforms to the chemical description on the label and is reasonably fit for the use therein described when used in accordance with the directions for use, subject to the risks referred to above. **CYANAMID DOES NOT MAKE OR AUTHORIZE ANY AGENT OR REPRESENTATIVE TO MAKE ANY OTHER WARRANTIES, EXPRESS OR IMPLIED AND EXPRESSLY EXCLUDES AND DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.**

**BUYER'S EXCLUSIVE REMEDY AND AMERICAN CYANAMID'S EXCLUSIVE LIABILITY, WHETHER IN CONTRACT, TORT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE, SHALL BE LIMITED TO REPAYMENT OF THE PURCHASE PRICE OF DETAIL CP. In no case shall Cyanamid or the seller be liable for consequential, special or indirect damages resulting from the use or handling of this product.**

**USES WITH OTHER PRODUCTS (TANK MIXES)**

If this product is used in combination with any other product except as specifically recommended in writing by American Cyanamid Company then American Cyanamid Company shall have no liability for any loss, damage, or injury arising out of its use in any such combination not so specifically recommended. If used in a combination recommended by American Cyanamid Company, the liability of American Cyanamid Company shall in no manner extend to any damage, loss or injury not directly caused by the inclusion of the American Cyanamid Company product in such combination use, and in any event shall be limited to return of the amount of the purchase price of the product.

**GENERAL INFORMATION**

DETAIL CP may be applied preplant incorporated, preplant surface or preemergence in soybeans for control of a broad-spectrum of grass, sedge and broadleaf weeds.

When DETAIL CP is applied to the soil, susceptible weeds emerge, growth stops, and then the weeds either die or are not competitive with the crop.

The mode of weed killing activity involves uptake of DETAIL CP by weed roots and rapid translocation to growing points. Therefore, adequate soil moisture is important for optimum DETAIL CP activity. The amount of rainfall or irrigation required following application depends on existing soil moisture, soil texture and organic matter content. Sufficient water to moisten the soil to a depth of 2 inches is normally adequate. If adequate moisture is not received within 7 days after treatment, then a timely cultivation or postemergence herbicide application may be needed to improve weed control. Cultivation should be shallow. When adequate moisture is received after dry conditions, DETAIL CP will provide residual control of susceptible germinating weeds; activity on established weeds will depend on the weed species and the location of its root system in the soil.

A soil treatment of DETAIL CP followed by a postemergence application of SCEPTER® O.T.® will control certain problem weeds. Use sequential treatments in recommended states only. Refer to the WEEDS CONTROLLED section for specific sequential application recommendations.

Occasionally, internode shortening of soybean plants may be observed with DETAIL CP applications. This has no effect on soybean yields.

Within any weed population, there may be the potential for the occurrence of weeds resistant to herbicides when compounds that affect the same site of action are used continuously on the same acre. Therefore, any multiple year weed management program should include, when local agronomic practices allow, as many of the following practices as possible:

- use scouting and weed thresholds to determine the need for herbicide treatment
- utilize tank-mixes or sequential applications of different mode-of-action herbicides to control the same target weeds
- combine cultivation with herbicide treatments

See your Cyanamid representative for additional information.

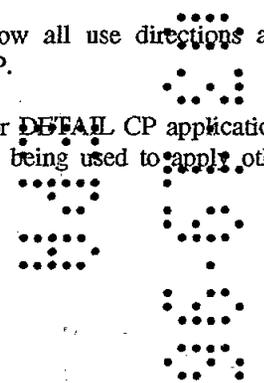
**PRECAUTIONS:**

DO NOT use on crops other than soybeans. Crops other than soybeans, such as cotton, corn and vegetables, may be injured by spray drift or other indirect contact with DETAIL CP.

To avoid injury to sensitive crops from spray drift, follow all use directions and precautions in the individual herbicide labels for DETAIL CP.

To avoid injury to sensitive crops, spray equipment used for DETAIL CP applications must be drained and thoroughly cleaned with water before being used to apply other products to these crops.

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There must be an interval of at least 90 days between the last DETAIL CP application and soybean harvest.

DO NOT graze or feed treated soybean forage, hay or straw to livestock.

Use of DETAIL CP herbicide in accordance with label directions is expected to result in normal growth of rotational crops in most situations; however, various environmental and agronomic factors make it impossible to eliminate all risks associated with the use of this product and, therefore, crop injury, is always possible.

Replanting: If replanting is necessary in a field previously treated with DETAIL CP, the field may be replanted to soybeans. Rework the soil no deeper than the treated zone. DO NOT apply a second treatment of DETAIL CP.

**USE AREA**

This DETAIL CP co-mini bulk supplemental labeling is for use in Arkansas, Louisiana, Mississippi and Tennessee.

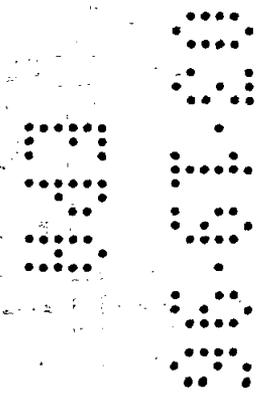
Refer to the ROTATIONAL CROP RESTRICTIONS section of this supplemental labeling for recommendations regarding planting rotational crops following a DETAIL CP application.

**DIRECTIONS FOR CONVENTIONAL, MINIMUM, AND NO-TILL APPLICATIONS**

**USE RATE**

HERBICIDE 1: 8 fl oz/Acre  
HERBICIDE 2: 16 fl oz/Acre

Apply DETAIL CP at a broadcast rate of 8 ounces per acre (1/2 pint) of HERBICIDE 1 and 16 ounces per acre (1 pint) of HERBICIDE 2 for preplant incorporated and preemergence (including minimum and no-fill systems) applications. At this broadcast rate, one co-mini-bulk of DETAIL CP will treat 960 acres of soybeans.



### APPLICATION INSTRUCTIONS

#### SOIL APPLICATIONS

DETAIL CP may be applied in conventional, minimum, or no-till as a preplant incorporated, preplant surface, or preemergence application. Preemergence applications may also be applied during or after planting but before the crop emerges.

Adequate moisture is required for activation of DETAIL CP.

#### PREPLANT INCORPORATED APPLICATIONS

Apply DETAIL CP up to two weeks before planting and incorporate uniformly into the top 1 to 2 inches of soil. Avoid deeper incorporation or reduced weed control and/or crop injury may result. Incorporate within 7 days after application.

If soybeans are planted on beds, apply and incorporate after bed formation using PTO-driven equipment or rolling cultivator.

#### PREPLANT SURFACE AND PREEMERGENCE APPLICATIONS (including no-till)

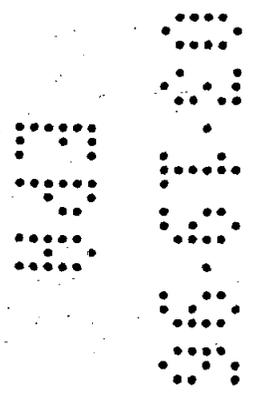
Apply DETAIL CP up to 30 days before, during or after planting but before the crop emerges. As with other herbicides applied preemergence, rainfall or irrigation is necessary to activate DETAIL CP in the soil. If sufficient rainfall or irrigation to activate DETAIL CP is not received within 7 days after application, a thorough shallow tillage, cultivation, or postemergence treatment may be required for control of emerged weeds.

For no-till uses, DETAIL CP may be applied prior to, in tank mix with or following use of either Gramoxone Extra<sup>1</sup>, Roundup<sup>2</sup>, 2,4-D, or 2,4-DB to kill existing vegetation. Gramoxone Extra, Roundup, 2,4-D or 2,4-DB should be deleted from the tank mixture if vegetation is absent at the time of application. Use a minimum of 10 gallons of water per acre. Use higher gallonage for fields with dense vegetation or heavy crop residues. Use ground equipment only. Plant soybeans at least one inch deep and adjust planters to ensure adequate seed coverage.

DETAIL CP may be followed by a postemergence application of Fusilade<sup>1</sup> or Poast<sup>3</sup>. DO NOT tank mix DETAIL CP with postemergence grass herbicides.

When used in combination with another herbicide, DETAIL CP should be used only in accordance with recommendations on this label. Always follow the more restrictive label limitations and precautions. DETAIL CP cannot be mixed with any product containing a label prohibition against such mixing.

<sup>1</sup>Registered Trademark of Zeneca, Inc.  
<sup>2</sup>Registered Trademark of Monsanto Agricultural Products Company.  
<sup>3</sup>Registered Trademark of BASF Wyandotte Corporation.



WEEDS CONTROLLED

When applied as directed, soil-applied treatments of DETAIL CP will control or suppress the following:

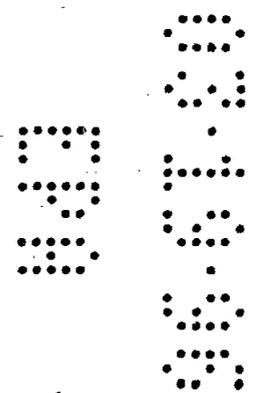
WEED

LEVEL OF CONTROL

BROADLEAF WEEDS

- Carpetweed
- Cocklebur, Common
- Copperleaf, Hophornbeam
- Lambsquarters, Common
- Morningglory
  - Entireleaf
  - Ivyleaf
  - Palmleaf
  - Pitted
  - Smallflower
  - Tall
- Nightshade
  - Black
  - Eastern Black
  - Hairy
- Pigweed
  - Palmer
  - Prostrate
  - Redroot
  - Smooth
  - Spiny
  - Tumble
  - Waterhemp, Tall
- Purslane, Common
- Pusley, Florida
- Sesbania, Hemp
- Sida, Prickly (teaweed)
- Smartweed,
  - Ladysthumb
  - Pennsylvania
- Spurge
  - Nodding
  - Spotted

- Control
- Control<sup>1</sup>
- Control<sup>2</sup>
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### MIXING INSTRUCTIONS

DETAIL CP can be mixed for application in water or sprayable fluid fertilizer. When fluid fertilizer is used as the carrier, refer to the APPLICATION INSTRUCTIONS sections on the HERBICIDE 1 and HERBICIDE 2 product labels for information on mixing and compatibility testing with fluid fertilizers.

When water is used as the carrier; first fill the spray tank one-fourth to one-half full with clean water. While agitating add the required amount of HERBICIDE 1 followed by HERBICIDE 2. Fill the remainder of the tank with water. An antifoaming agent may be added to the tank if needed. Maintain agitation while spraying to ensure a uniform spray mixture.

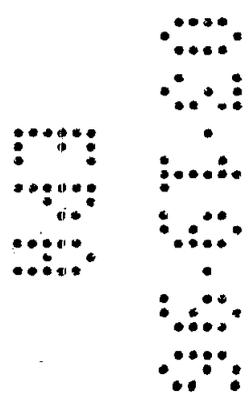
When tank-mixing Roundup, Gramoxone Extra, 2,4-D or 2,4DB with DETAIL CP, add herbicides to the tank in the following order: (1) HERBICIDE 1 (2) HERBICIDE 2 (3) Roundup, Gramoxone Extra, 2,4-D or 2,4-DB, and (4) spray adjuvant (if required).

### SPRAYING INSTRUCTIONS

By ground, uniformly apply with properly calibrated ground equipment in 10 or more gallons of water per acre.

By air, uniformly apply with properly calibrated air equipment in 5 or more gallons of water per acre.

Refer to the GROUND or AERIAL SPRAYING INSTRUCTIONS section of each product for detailed information. Always follow the more restrictive label.



### ROTATIONAL CROP RESTRICTIONS

The following rotational crops may be planted after applying DETAIL CP at recommended rates in soybeans:

<u>CROP</u>	<u>Rotational Interval</u>
Soybeans	No restrictions
Wheat	4 months
Rice	Spring following DETAIL CP application
Barley	11 months
Field Corn	11 months <sup>1</sup>
Edible Beans	11 months
Grain Sorghum	11 months
Oats	11 months
Peanuts	11 months
Tobacco	11 months
Sugar Beets	26 months
Other Crops	18 months

<sup>1</sup> Field corn may be planted in the spring of the year following DETAIL CP application unless extreme drought conditions develop (less than 15 inches of rainfall or irrigation is received within 6 months following the date of last application).

Only rotational crops harvested at maturity may be used for feed or food.

Use of DETAIL CP herbicide in accordance with label directions is expected to result in normal growth of rotational crops in most situations; however, various environmental and agronomic factors make it impossible to eliminate all risks associated with the use of this product and, therefore, crop injury, is always possible.

Except where stated on a Supplemental Label or in this label, DO NOT apply products containing chlorimuron ethyl (e.g. Classic, Canopy<sup>4</sup>, Gemini<sup>4</sup>, Lorox Plus<sup>4</sup>, Preview<sup>4</sup>, etc.) or imazaquin (SCEPTER, SCEPTER 70DG, SQUADRON<sup>®</sup>, TRI-SCEPT<sup>®</sup>, SCEPTER O.T.) the same year as DETAIL CP. DO NOT apply products containing imazethapyr (e.g. PURSUIT, PURSUIT<sup>®</sup>PLUS or PASSPORT<sup>®</sup>) the same year as DETAIL CP.

In the event of a crop loss due to weather conditions, soybeans can be replanted. DO NOT work the soil deeper than 2 inches.

DO NOT graze or feed treated soybean forage, hay or straw to livestock.

<sup>4</sup> Registered Trademarks of E.I. du Pont de Nemours and Company.

<sup>®</sup>Registered Trademarks of American Cyanamid Company.

