

DETAIL® CP herbicide

A CO-PACK PRODUCT FOR WEED CONTROL IN SOYBEANS

HERBICIDE 1	HERBICIDE 2
EPA Reg. No. 241-289 EPA EST. NO.	EPA Reg. No. 55947-140-241 EPA EST. NO.
ACTIVE INGREDIENT:	ACTIVE INGREDIENT:
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)-acetamide79.4%
INERT INGREDIENTS82.7%	INERT INGREDIENTS20.6%
TOTAL100.0%	TOTAL100%
CAUTION KOROC *Equivalent to 16.4% 2-[4,5-dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1H-imidazol-2-yl]-3-quinolinecarboxylic acid	CAUTION KOROC
(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-Pack contains 1.67 gallons of HERBICIDE 1 and 2.5 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 ©1993

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ACCEPTED
Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 241-289

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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.

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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.® or Classic² 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

The use area for DETAIL CP is defined by the following USE REGIONS and can be applied only in the states or parts of states listed below:

USE REGION 1 includes eastern Oklahoma, Arkansas, the Missouri bootheel, Tennessee, North Carolina, South Carolina, Georgia, Florida, Alabama, Mississippi, Louisiana, and eastern Texas.

USE REGION 2 includes eastern Kansas (east of U.S. 81; the counties of Cloud, Ellsworth, Harvey, Jewell, Lincoln, Mitchell, McPherson, Ottawa, Republic, Saline, Sedgewick, and Sumner), southeastern Nebraska (east of U.S. 81, south of U.S. 34), Missouri, Illinois (south of S.R. 116 west of Peoria; south of U.S. 24 east of Peoria), Indiana, Ohio, Michigan, Kentucky, Virginia, West Virginia, Pennsylvania, Maryland, Delaware, and New Jersey.

Note: See ROTATIONAL CROP RESTRICTIONS section for recommendations applying to each USE REGION.

DIRECTIONS FOR CONVENTIONAL, MINIMUM, AND NO-TILL APPLICATIONS

USE RATE

HERBICIDE 1: 10.67 fl oz/Acre

HERBICIDE 2: 16 fl oz/Acre

Apply DETAIL CP at a broadcast rate of 10.67 ounces per acre (2/3 pint) of HERBICIDE 1 and 16 ounces per acre (1 pint) of HERBICIDE 2 for preplant incorporated and preemergence (including minimum and no-till systems) applications. At this broadcast rate, one package of DETAIL CP will treat 20 acres of soybeans.

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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, Roundup⁴, 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 Fusilade³ or Poast⁵. 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.

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⁴Registered Trademark of Monsanto Agricultural Products Company.

⁵Registered Trademark of BASF Wyandotte Corporation.

WEEDS CONTROLLED

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

WEED	LEVEL OF CONTROL
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BROADLEAF WEEDS

Alligatorweed	Control
Beggarweed, Florida	Control ¹
Bristly Starbur	Control
Carpetweed	Control
Burcucumber	Control ²
Cocklebur, Common	Control
Copperleaf, Hophornbeam	Control ³
Jimsonweed	Control
Lambsquarters, Common	Control
Mallow, Venice	Control
Mexicanweed	Control ¹
Morningglory	
Entireleaf	Control ⁴
Ivyleaf	Control ⁴
Palmleaf	Control
Pitted	Control
Smallflower	Control
Tall	Control ⁴
Mustard species	Control
Nightshade	
Black	Control ⁵
Eastern Black	Control
Hairy	Control ⁵
Figweed	
Palmer	Control
Prostrate	Control
Redroot	Control
Smooth	Control
Spiny	Control
Tumble	Control
Waterhemp, Tall	Control
Poinsettia, Wild	Control
Puncturevine	Control
Purslane, Common	Control
Pusley, Florida	Control
Ragweed,	
Common	Control
Giant	Control ⁵
Redweed	Control ²
Sebania, Hemp	Control ³
Sicklepod	Control ⁶
Sida, Prickly (sawweed)	Control

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Smartweed,	
Ladysthumb	Control
Pennsylvania	Control
Spurge	
Nodding	Control
Spotted	Control
Sunflower, Common	Control
Texasweed	Control ¹
Velvetleaf	Control ⁷

GRASSES

Barryardgrass	Control
Corn, Volunteer	Suppression ⁸
Crabgrass	
Large	Control
Smooth	Control
Cupgrass, Southwestern	Control
Foxtail	
Giant	Control
Green	Control
Yellow	Control
Goosegrass	Control
Johnsongrass, seedling	Control
Panicum	
Fall	Control
Texas	Control ⁵
Red rice	Control
Shattercane	Suppression
Signalgrass, Broadleaf	Control
Witchgrass	Control

SEDGES

Nutsedge, Yellow	Suppression ²
Flatsedge, Rice	Control

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¹ In USE REGION 1 ONLY: A soil application of DETAIL CP will provide suppression of these weeds. A postemergence application of Classic must be applied postemergence at 1/2 to 3/4 ounces per acre following a soil application of DETAIL CP in a planned sequential program to control these weeds. Apply the higher rate of Classic if weed seedlings are taller than 2 inches. Apply Classic before weeds exceed the 1 to 2 true leaf stage. Refer to the ROTATIONAL CROP RESTRICTIONS section of this label for instructions on planting follow crops when using this program. The Classic sequential program may be used only in Use Region 1 (except Oklahoma).

² To obtain consistent control or suppression of these weeds under a wide range of environmental conditions, a pre-plant incorporated application is required.

³ USE REGION 1 and USE REGION 2. SCEPTER O.T. herbicide must be applied postemergence at 1 pint per acre following a soil application of DETAIL CP for control of these weeds. The total amount of SCEPTER O.T. applied should not exceed 1 pint per acre in Use Region 2 or 2 pints per acre in Use Region 1 in one season when following a soil application of DETAIL CP. Refer to the SCEPTER O.T. label for application instructions. In Use Region 2, refer to Rotational Crop Restrictions section of this label for special instructions on planting follow crops when using this program.

⁴ A soil application of DETAIL CP at the recommended rate will provide suppression of these weeds. For control of these morningglory species, the sequential program in footnote #3 should be used.

⁵ May require a cultivation or postemergence herbicide application for season long control.

⁶ Only light to moderate infestations of sicklepod are controlled. Later sicklepod flushes may require a cultivation or a postemergence herbicide application. For heavy sicklepod infestations Classic may be applied postemergence at 1/2 to 3/4 ounces per acre following a soil application of DETAIL CP. Apply the higher rate of Classic if sicklepod seedlings are taller than 2 inches. A cultivation 14 days after Classic application may be required to control sicklepod escapes. Refer to the ROTATIONAL CROP RESTRICTIONS section of this label for instructions on planting follow crops when using this program. The Classic sequential program may be used only in Use Region 1 (except Oklahoma).

⁷ A preplant incorporated application is recommended for velvetleaf control. A preemergence application of DETAIL CP will aid in the control and reduce competition from velvetleaf.

⁸ A soil application of DETAIL CP will suppress only those field corn hybrids which DO NOT possess tolerance or resistance to DETAIL CP or other imidazolinone herbicides (i.e. PURSUIT®).

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 2,4-DB 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.

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ROTATIONAL CROP RESTRICTIONS

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

CROP	USE REGION 1	USE REGION 2 (except Michigan ³)
Soybeans	No restrictions	No restrictions
Wheat	4 months	4 months ⁴
Rice	Spring following DETAIL CP application	Spring following DETAIL CP application ⁴
Barley	11 months	11 months ⁴
Field Corn	11 months ¹	11 months ^{2,4}
Edible Beans	11 months	11 months ⁴
Grain Sorghum	11 months	11 months ⁴
Oats	11 months	11 months ⁴
Peanuts	11 months	11 months ⁴
Tobacco	11 months	11 months ⁴
Sugar Beets	26 months	26 months
Other Crops	18 months	18 months

¹ For USE REGION 1 as defined in the USE AREA section of this label; 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).

² For USE REGION 2 (except Michigan³) as defined in the USE AREA section of this label; 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 from two weeks prior to the date of last application through November 15 of the same year).

If the minimum rainfall requirement is not met, only field corn hybrids which possess tolerance or resistance to DETAIL CP or other imidazolinone herbicides may be planted the spring of the year following an application including DETAIL CP (SEE NOTE).

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3 Growers in the counties of Berrien, Cass, St. Joseph, Branch, Hillsdale, Lenawee, Monroe, Van Buren, Kalamazoo, Calhoun, Jackson, Washtenaw, and Wayne may use the rotational crop restrictions for Use Region 2.

Growers in other Michigan counties may NOT plant oats or barley in the fall or spring of the year following a DETAIL CP application. In this geography, only field corn hybrids which possess tolerance or resistance to DETAIL CP or other imidazolinone herbicides may be planted the spring of the year following an application including DETAIL CP (SEE NOTE).

4 **ROTATIONAL CROP RESTRICTIONS for a sequential application of SCEPTER O.T. following a soil application of DETAIL CP (USE REGION 2 only):**

For USE REGION 2 as defined in the USE AREA section of this label; soybeans may be planted anytime. Barley, edible beans, grain sorghum, oats, peanuts, rice, tobacco, and wheat may be planted 15 months after the last SCEPTER O.T. herbicide application. Cotton may be planted 18 months after the last herbicide application.

Only field corn hybrids which possess tolerance or resistance to DETAIL CP and other imidazolinone containing herbicides may be planted the spring of the year following a sequential application (SEE NOTE). Other field corn varieties may be planted 15 months after the last herbicide application.

NOTE: Contact your chemical dealer, seed supplier, or American Cyanamid to obtain information regarding the availability of imidazolinone tolerant field corn hybrids which are adapted to your area.

**ROTATIONAL CROP RESTRICTIONS for sequential
Classic application following DETAIL CP soil treatments (USE REGION 1 only):**

Soybeans may be planted anytime. Barley, edible beans, field corn, grain sorghum, oats, peanuts, rice, tobacco and wheat may be planted 15 months after the last Classic herbicide application. Cotton may be planted 18 months after the last herbicide application. Refer to rotational crop restrictions listed in the Classic label. Always follow the more restrictive label.

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, Canopy⁶, Gemini⁶, Lorox Plus⁶, Preview⁶, etc.) or imazaquin (SCEPTER, SCEPTER 70DG, SQUADRON[®], TRI-SCEPT[®], SCEPTER O.T.) the same year as DETAIL CP. DO NOT apply products containing imazethapyr (e.g. PURSUIT, PURSUIT[®]PLUS or PASSPORT[®]) 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.

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