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Systems Integration Group, Inc.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

JUL 3 2000

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

Rebecca L. Johnson
American Cyanamid Company
P.O. Box 400
Princeton, NJ 08543-0400

Dear Ms. Johnson:

Subject: Supplemental Labeling - Dry Beans and Peas
Pursuit DG Herbicide
EPA Registration No 241-350
Your Submissions Dated June 22, 2000

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended is acceptable provided that you:

1. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling:

- We note that the phrase "Apply with ground application only" was deleted. The last accepted labeling bears the statement "Pursuit DG herbicide may be applied by air only to alfalfa, soybeans and Clearfield corn. Do not apply by air to other crops". If you intend to apply to dry beans and peas by aerial application, you must amend your labeling. If you do not intend to apply by aerial application, we suggest you reinstate "Apply with ground application only" to avoid any confusion.

2. Submit one (1) copy of your final printed labeling before you release the product for shipment.

A stamped copy of the labeling is enclosed for your records.

Sincerely yours,



for James A. Tompkins
Product Manager (25)
Herbicide Branch
Registration Division (7505C)

Enclosure



Supplemental Labeling

3/10

**ACCEPTED
with COMMENTS
In EPA Letter Dated:**

EPA Reg. No. 241-350

JUL 3 2000

THIS LABEL EXPIRES DECEMBER 31, 2001

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 241-350

FOR USE IN NAVY, GREAT NORTHERN, RED KIDNEY, BLACK TURTLE, CRANBERRY, PINTO, LIMA, AND SMALL WHITE TYPE DRY BEANS, LENTILS, WHITE LUPINS, CHICKPEAS (GARBANZO BEANS), DRY EDIBLE PEAS, ENGLISH AND SOUTHERN PEAS

REFER TO THE MAP ON PAGE 8 FOR GEOGRAPHICAL USE AREA

READ LABEL CAREFULLY - USE INSTRUCTIONS VARY FOR EACH GROUP

OBSERVE ALL PRECAUTIONARY STATEMENTS AND SPRAYING AND APPLICATION INFORMATION IN THE PURSUIT LEAFLET LABEL BEFORE USING. ~~APPLY WITH GROUND EQUIPMENT ONLY.~~

GENERAL INFORMATION

PURSUIT DG application methods and use rates vary for different types of edible legume vegetables. Additionally, geographical restrictions apply. Apply PURSUIT DG only to the legume vegetables specifically listed in this label. **DO NOT** apply PURSUIT DG in geographical regions outside those specifically defined in this label for each type of legume vegetable.

Reduced crop growth, quality, yield and/or delayed maturity may result from a PURSUIT DG application to edible legume vegetables. Since crop maturity may be delayed, timing of harvest may need to be adjusted accordingly. **DO NOT** apply PURSUIT DG if planting is delayed and chance of frost prior to maturity is likely.

DO NOT apply PURSUIT DG if cold and/or wet conditions are present or predicted to occur within one week of application.

DO NOT apply PURSUIT DG postemergence after crop has begun to flower or crop injury may result.

USE PURSUIT DG ONLY if proper agronomic practices have been utilized, including good soil fertility, proper crop rotation, disease and insect management and tillage practices that eliminate compaction and hardpans.

Some crop varieties may be inherently less tolerant to PURSUIT DG applications and crop injury could result. Contact the seed company for information and recommendations about the use of PURSUIT DG postemergence.

Use of PURSUIT DG 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, rotational crop injury is always possible.

DISCLAIMER

THIS PRODUCT WHEN USED ON EDIBLE LEGUME VEGETABLE CROPS MAY LEAD TO CROP INJURY, LOSS, OR DAMAGE. CYANAMID RECOMMENDS THAT THE USER AND/OR GROWER TEST THIS PRODUCT IN ORDER TO DETERMINE ITS SUITABILITY FOR SUCH INTENDED USE. CYANAMID MAKES THIS PRODUCT AVAILABLE TO THE USER AND/OR GROWER SOLELY TO THE EXTENT THE BENEFIT AND UTILITY, IN THE SOLE OPINION OF THE USER AND/OR GROWER, OUTWEIGH THE EXTENT OF POTENTIAL INJURY ASSOCIATED WITH THE USE OF THIS PRODUCT. THE DECISION TO USE OR NOT

TO USE THIS HERBICIDE MUST BE MADE BY EACH INDIVIDUAL PURSUIT DG USER AND/OR GROWER ON THE BASIS OF POSSIBLE CROP INJURY FROM PURSUIT DG, THE SEVERITY OF WEED INFESTATION, THE COST OF ALTERNATIVE WEED CONTROLS, AND OTHER FACTORS. CYANAMID INTENDS THAT BECAUSE OF THE RISK OF FAILURE TO PERFORM OR CROP DAMAGE THAT ALL SUCH USE IS AT THE USER'S AND/OR GROWER'S RISK.

AMERICAN CYANAMID DISCLAIMS ANY LIABILITY FOR CLAIMS, CAUSES OF ACTION, FINES, PENALTIES, DAMAGES, INCLUDING CONSEQUENTIAL INCIDENTS AND DAMAGES, LOSSES, LIABILITIES, JUDGEMENTS, AND EXPENSES ARISING OUT OF OR RELATING TO INJURY TO PERSONS, CROPS, OR PROPERTY RESULTING FROM THE USE OF PURSUIT DG HERBICIDE ON EDIBLE LEGUMES CONTRARY TO THE LABEL INSTRUCTIONS. 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 PURSUIT DG. 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.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. **DO NOT** apply this product through any type of irrigation system. This label must be in the possession of the user at the time of herbicide application.

DO NOT apply PURSUIT DG in any manner not specifically described in this label.

Sensitive crops such as sugar beets, canola, and leafy vegetables may be injured by spray drift or other indirect contact with PURSUIT DG.

Spray equipment used for PURSUIT DG application must be drained and thoroughly cleaned with water before being used to apply other products.

Use only nonionic surfactants as a spray additive for postemergence applications. **DO NOT** use crop oils, methylated seed oils, petroleum oils, or Dash'.

DO NOT make more than one application of PURSUIT DG per year.

Allow at least 30 days between application and harvest of lima beans, English peas, and Southern peas. Allow at least 60 days between application and harvest of dry edible peas, lentils, chickpeas, and other dry bean or pea types listed on this label.

Refer to the PURSUIT DG leaflet label for approved combination treatments. When PURSUIT DG is used in combination with another herbicide, refer to the respective label for rates, methods of application, proper timing, weeds controlled, restrictions and precautions. Always use in accordance with the more restrictive label restrictions and precautions. No label dosages should be exceeded. PURSUIT DG cannot be mixed with any product containing a label prohibiting such mixtures.

DO NOT APPLY PURSUIT DG POSTEMERGENCE BEFORE CROP HAS AT LEAST ONE TRIFOLIATE LEAF OR PEAS ARE AT LEAST THREE INCHES IN HEIGHT OR CROP INJURY (REDUCED CROP GROWTH AND/OR DELAYED MATURITY) MAY RESULT. DO NOT APPLY PURSUIT DG POSTEMERGENCE TO LENTILS, WHITE LUPINS, OR CHICKPEAS.

DO NOT apply to Domino variety black turtle beans.

Pinto varieties UI-111 and Olathe are more sensitive to PURSUIT DG than other varieties.

APPLICATION INSTRUCTIONS

NAVY, GREAT NORTHERN, RED KIDNEY, BLACK TURTLE, CRANBERRY, PINTO, AND SMALL WHITE DRY BEANS, DRY EDIBLE PEAS, ENGLISH AND SOUTHERN PEAS

All areas on map (back page) excluding Michigan's upper peninsula, Minnesota north of highway #210, and North Dakota.

DO NOT apply more than 0.72 oz of PURSUIT DG to sands or loamy sand soils in Michigan or the Delaware, Maryland, and Virginia (Delmarva) peninsula.

Preplant Incorporated Applications. Apply PURSUIT DG at the broadcast rate of up to 1.08 ounces per acre to dry beans (navy, great northern, red kidney, black turtle, cranberry, pinto, and small white dry beans), dry edible peas, and English peas, or up to 1.44 ounces per acre for southern peas only, within 1 week before planting. Applied preplant incorporated, PURSUIT DG may be tank-mixed with a registered grass herbicide.

Preemergence Applications. Apply PURSUIT DG at the broadcast rate of up to 1.08 ounces per acre to dry beans, dry edible peas, and English peas, or up to 1.44 ounces per acre for southern peas only, immediately after, or up to 3 days after planting. PURSUIT DG may be applied in a tank-mix with a registered grass herbicide or applied preemergence following a preplant incorporated application of a registered grass herbicide.

Early Postemergence Applications. Apply PURSUIT DG at the broadcast rate of up to 1.08 ounces per acre to dry beans, dry edible peas, and English peas, or up to 1.44 ounces per acre for southern peas only. Apply to dry beans with at least one fully expanded trifoliolate leaf. Apply to dry edible peas, English peas, and southern peas at least 3 inches in height but prior to 5 nodes and before flowering. The use of trifluralin prior to PURSUIT DG application may increase the likelihood and severity of crop injury. A nonionic surfactant must be added to the spray solution. The nonionic surfactant must contain at least 80% active ingredient and should be used at a rate of 2 pints per 100 gallons of spray mixture.

Basagran¹ may be tank-mixed with PURSUIT DG to control weeds not listed on the PURSUIT DG label. Addition of Basagran may also cause antagonism, thereby reducing control of grass weeds. Nitrogen-based fertilizer may be included as a spray additive **ONLY** when PURSUIT DG is tank-mixed with Basagran. Refer to the Basagran label for proper application rates and restrictions. Always use in accordance with the more restrictive label restrictions and precautions.

Michigan Upper Peninsula, Minnesota North of Highway # 210, and North Dakota.

Postemergence Applications Only. Apply PURSUIT DG at 0.72 ounces per acre when dry beans have at least one fully expanded trifoliolate leaf. Apply to dry edible peas, English peas and southern peas at least 3 inches in height but prior to 5 nodes and before flowering. A nonionic surfactant must be added to the spray solution. The nonionic surfactant must contain at least 80% active ingredient and should be used at a rate of 2 pints per 100 gallons of spray mixture.

LIMA BEANS, CHICKPEAS (GARBANZOS), LENTILS, AND WHITE LUPINS

All areas on map (back page) excluding Michigan's upper peninsula, Minnesota north of highway #210, and North Dakota.

DO NOT apply PURSUIT DG to white lupins grown on sand or loamy sand soils.

DO NOT apply more than 0.72 oz of PURSUIT DG to sands or loamy sand soils in Michigan or the Delaware, Maryland, and Virginia (Delmarva) peninsula.

Preplant Incorporated Applications. Apply PURSUIT DG at the broadcast rate of up to 1.08 ounces per acre within 1 week before planting. Applied preplant incorporated, PURSUIT DG may be tank-mixed with a registered grass herbicide.

Preemergence Applications. Apply PURSUIT DG at the broadcast rate of up to 1.08 ounces per acre immediately after or up to 3 days after planting. PURSUIT DG may be applied in a tank-mix with a registered grass herbicide or applied preemergence following a preplant incorporated application of a registered grass herbicide.

WEEDS CONTROLLED

PURSUIT DG applied at the broadcast rate of 0.72 ounces per acre postemergence will control:

- Mustard, wild
- Nightshade, black*
- Nightshade, eastern black*
- (*suppression only)

PURSUIT DG applied at the broadcast rate of 1.08 ounces per acre preplant incorporated, preemergence, or early postemergence will control:

- | | |
|---------------------------|-------------------|
| Mustard, wild | Nightshade, hairy |
| Nightshade, black | Pigweed, redroot |
| Nightshade, Eastern black | |

Postemergence applications of 31.08 ounces per acre must be made to weeds less than 2 inches tall for best results.

When applied as directed at the broadcast rate of 1.44 ounces per acre (southern peas only), PURSUIT DG will control or reduce competition from the weeds listed below:

NOTE: C = Control, R = Reduced Competition

(The number under Maximum Leaf Stage indicates the MAXIMUM number of leaves at which weeds should be sprayed postemergence.)

BROADLEAF WEEDS

WEEDS CONTROLLED	SOIL APPLIED	POSTEMERGENCE	
		Maximum Leaf Stage	Size (inches)
Anoda, spurred	C	2	1 - 2
Artichoke, Jerusalem		8	6 - 10
Buffalobur	C*		
Bristly starbur		2	1 - 2
Carpetweed	C		
Cocklebur, common	C*	8	1 - 8
Galinsoga	C		
Jimsonweed	C**	4	1 - 3
Kochia	C	4	1 - 3
Lambsquarters	C**	R	1 - 2
Mallow, Venice	R		
Morningglory			
entireleaf	R	2	1 - 2
ivyleaf	R	2	1 - 2
pitted	R	2	1 - 2
smallflower	C	4	1 - 3
tall	R	2	1 - 2
Mustard sp.	C	4	1 - 3
Nightshade,			
black	C	4	1 - 3
Eastern black	C	4	1 - 3
hairy	C	4	1 - 3
Pigweed,			
redroot	C	4	1 - 4
smooth	C	4	1 - 4
spiny	C	4	1 - 4
Poinsettia, wild	C		
Puncturevine	C		
Purslane, common	C		
Pusley, Florida	C		
Sida, prickly	C**		
Ragweed,			
common	R	4	1 - 3
giant	R	4	1 - 3
Sage, barnyard		R	1 - 3
Smartweed,			
ladysthumb	C	4	1 - 3
Pennsylvania	C	4	1 - 3
Spurge,			
prostrate	C	4	1 - 3
spotted	C	4	1 - 3
Sunflower, common	C**	4	1 - 3
Thistle, Canada	C**	4	1 - 3
Velvetleaf		R	1 - 3

*Use soil applications for light to moderate infestations only. Must be preplant incorporated for best results.

**When soil applied, common lambsquarters, jimsonweed, prickly sida, velvetleaf and common sunflower are more consistently controlled by preplant incorporated treatments.

GRASS WEEDS*

WEEDS CONTROLLED	SOIL APPLIED	POSTEMERGENCE	
		Maximum Leaf Stage	Size (inches)
Barnyardgrass	R	3	1 - 3
Crabgrass,			
large	R	3	1 - 3
smooth	R	3	1 - 3
Cupgrass, woolly		3**	1 - 3
Foxtail,			
giant	C	6	1 - 6
green	C	3	1 - 3
robust purple	C	3	1 - 3
robust white	C	3	1 - 3
yellow	C	3	1 - 3
Goosegrass	R		
Johnsongrass,			
seedling	C	6	1 - 8
rhizome		R	4 - 8
Panicum,			
fall	R		
Texas	R		
Red rice		3	1 - 3
Shattercane	R	6	1 - 8
Signalgrass, broadleaf-	R	4	1 - 8

SEDGES

Nutsedge,			
purple	R	R	1 - 3
yellow	R	R	1 - 3

DO NOT count cotyledon leaves when determining weed stage of growth.

*When soil applied to grasses, more consistent control can be obtained from preplant incorporated treatments.

**PURSUIT DG controls emerged woolly cupgrass only.

ROTATIONAL CROP GUIDELINE

The following crops may be planted after applying PURSUIT DG as recommended in this label:

1. Anytime:
 - Soybeans
 - Peanuts
 - CLEARFIELD* corn seed hybrids
 - Edible bean and pea types listed on this label (Refer to heading on page 1) and depending on application rate
2. Two months after PURSUIT DG application:
 - Snap beans
3. Four months after PURSUIT DG application:
 - Alfalfa
 - Edible bean and pea types not listed on this label (Refer to heading on page 1)
 - Rye (except in North Dakota and Minnesota north of highway #210)
 - Wheat
4. Eight and one-half months after PURSUIT DG application
 - Field corn
 - Field corn grown for seed*

5. Nine and one-half months after PURSUIT DG application:

- Barley
- Tobacco

6. Eighteen months after PURSUIT DG application:

- Cotton
- Lettuce
- Oats
- Popcorn
- Rye in North Dakota and Minnesota north of highway #210.
- Safflower
- Sorghum
- Sunflower
- Sweet Corn

7. Twenty-six months after PURSUIT DG application:

- Potatoes
- Flax

8. Forty months after PURSUIT DG application:

All crops not listed elsewhere in this ROTATIONAL CROP GUIDELINE. Following forty months after a PURSUIT DG application, and before planting any crop not listed elsewhere in the ROTATIONAL CROP GUIDELINE, a successful field bioassay must be completed. The field bioassay consists of a test strip of the intended rotational crop planted across the previously treated field and grown to maturity. The test strip should include low areas and knolls, and include variations in soil such as type and pH. If no crop injury is evident in the test strip, the intended rotational crop may be planted the following year.

If the field is limed to adjust pH prior to planting rotational crops not listed in the ROTATIONAL CROP GUIDELINE, apply the lime at least 12 months prior to planting the rotational crop.

* Several seed companies have tested a wide range of inbreds for sensitivity to PURSUIT DG soil residues and have reported good crop safety. However, due to the proprietary nature of seed production, American Cyanamid has not been given access to the inbred data. Growers are directed to contact the seed company for information and recommendations regarding the planting of corn grown for seed in fields treated with PURSUIT DG the previous year. Since growing conditions, environmental conditions and grower practices are beyond the control of American Cyanamid Company, all risks and consequences associated with planting seed corn inbreds into fields treated previously with PURSUIT DG shall be assumed by the user.

EXCEPTIONS TO ROTATIONAL CROP GUIDELINE

Wheat: Wheat may be planted 3 months following a PURSUIT DG application in areas east of Interstate highway I- 35.

Sweet corn and popcorn varieties: (States of Iowa, Illinois, Indiana, Ohio, Tennessee, Wisconsin and Minnesota, only). Sweet corn and popcorn varieties may be planted the year following an application of PURSUIT DG. Some sweet corn and popcorn varieties may be injured when planted at less than 18 months following an application of PURSUIT DG herbicide. Before planting sweet corn for processing, contact the processor company for information and recommendations regarding the tolerance of sweet corn varieties planned for fields treated with PURSUIT DG the previous year. DO NOT plant fresh market sweet corn varieties prior to 18 months after PURSUIT DG use. Before planting popcorn, contact the popcorn company for information and recommendations regarding the tolerance of popcorn varieties planned for fields treated with PURSUIT DG the previous year. Since growing conditions, environmental conditions and grower practices are beyond the control of American Cyanamid Company, **ALL RISKS AND CONSEQUENCES ASSOCIATED WITH PLANTING SWEET CORN OR POPCORN VARIETIES INTO FIELDS TREATED PREVIOUSLY WITH PURSUIT DG SHALL BE ASSUMED BY THE USER.**

Stunting and maturity delay or other adverse effects may result when sweet corn or popcorn are planted following PURSUIT DG use.

Corn inbred lines: Corn inbred seed lines may be planted the year following an application of PURSUIT DG. Several seed companies have tested a wide range of inbreds for sensitivity to PURSUIT DG soil residues and have reported good crop safety. However, due to the proprietary nature of seed production, American Cyanamid has not been given access to the inbred data. Growers are directed to contact the seed company for information and recommendations regarding the planting of corn grown for seed in fields treated with PURSUIT DG the previous year. Since growing conditions, environmental conditions and grower practices are beyond the control of American Cyanamid Company, all risks and consequences associated with planting seed corn inbreds into fields treated previously with PURSUIT DG shall be assumed by the user.

Certain vegetable crops: (States of New Jersey, Virginia, North Carolina, South Carolina, Georgia, Alabama, Florida, Delaware, Maryland, Pennsylvania, Kentucky and Indiana only). The following crops may be planted 18 months following the last application of PURSUIT DG: bahaigrass, cabbage, cantaloupe, cucumber, Irish potato, onion, sweet potato transplants, sweet pepper transplants, tomato transplants, and watermelon.

Barley: (States of Indiana, Ohio, Kentucky, Pennsylvania, New Jersey, Delaware, Virginia and Maryland only) Barley may be planted 4 months following a PURSUIT DG application in these states. ~~Do not plant barley until 18 months following an application of PURSUIT DG in North Dakota or northern Minnesota (north of highway #210).~~

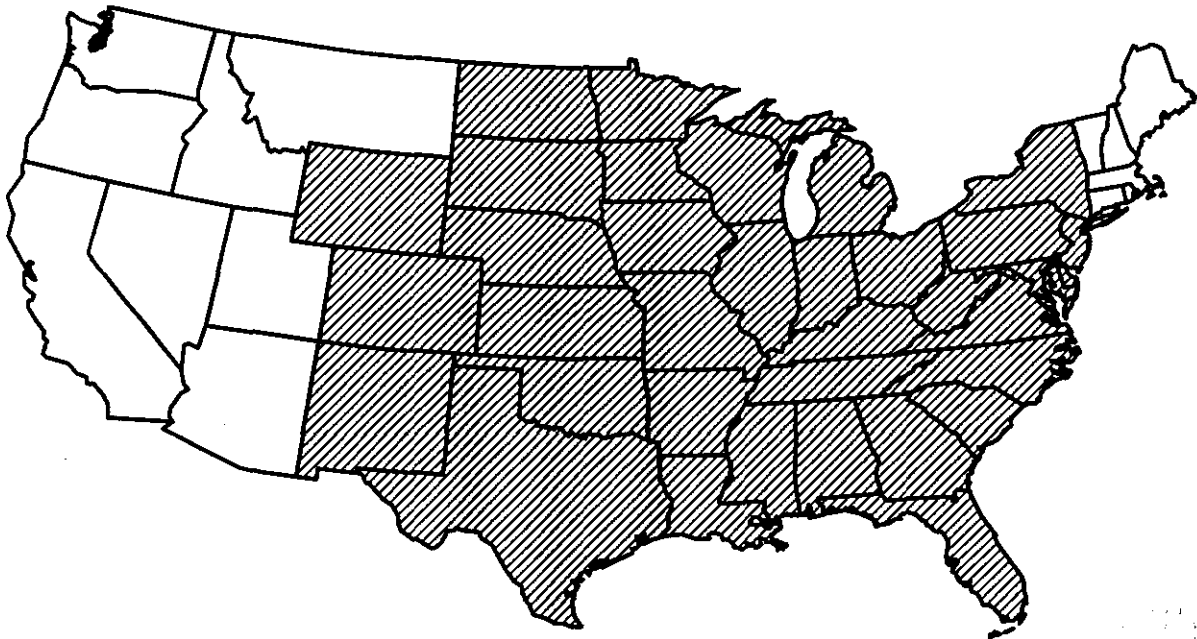
In the event of a crop loss, the bean or pea crop may be replanted.

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

CONSULT THE PURSUIT LEAFLET LABEL FOR OTHER PRECAUTIONS.

USE AREA MAP

PURSUIT DG can be applied to the edible legume vegetables listed on page 1 of this label only in the states shaded in the following map:



CYANAMID
American Cyanamid Company
Global Agricultural Products Division
Crop Protection Products Department
One Campus Drive
Parsippany, NJ 07054 ©2000

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