**FOR USE IN ALFALFA ONLY**

Not for use in California or New York

**THIS LABEL EXPIRES MARCH 30, 1996**

OBSERVE ALL PRECAUTIONARY STATEMENTS IN THE PURSUIT LEAFLET LABEL BEFORE USING. SEE THE PURSUIT LEAFLET LABEL FOR MIXING AND APPLICATION INFORMATION, WORKER PROTECTION INFORMATION AND PRECAUTIONARY STATEMENTS.

**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.

**GENERAL INFORMATION****SEEDLING ALFALFA**

PURSUIT must be applied postemergence to seedling alfalfa. Apply PURSUIT when the seedling alfalfa is in the second (2nd) trifoliate stage or larger and when the majority of the weeds are 1-3 inches (see weed control tables on pages 4-6). For low growing weeds (such as mustards) apply PURSUIT before the rosette exceeds 3 inches. When PURSUIT is applied to seedling alfalfa, there may be a temporary reduction in growth. Alfalfa soon outgrows any effects of the herbicide.

**ESTABLISHED ALFALFA**

PURSUIT can be applied to established alfalfa in the fall, in the spring to dormant, or semi-dormant alfalfa (less than 3 inches of re-growth), or between cuttings. Any application should be made before significant alfalfa growth or re-growth (3 inches) to allow PURSUIT to reach the target weeds.

Replanting: If replanting is necessary in a field previously treated with PURSUIT, do not plant the field to alfalfa for 4 months following the PURSUIT application. Refer to the ROTATIONAL CROP GUIDELINE section on this label for plant-back interval of various crops.

**MIXING INSTRUCTIONS**

POSTEMERGENCE APPLICATIONS OF PURSUIT REQUIRE THE ADDITION OF AN ADJUVANT AND A LIQUID FERTILIZER SOLUTION.

**I. ADJUVANTS**

**SURFACTANTS:** Use a non-ionic surfactant containing at least 80% active ingredient. Apply the surfactant at the rate of 1 quart per 100 gallons. An organo-silicone surfactant may be used in place of a non-ionic surfactant

pints per acre (use the higher rate when weeds are at the maximum label size), or use a crop oil concentrate at 2 pints per acre.

**AND**

## **II. LIQUID FERTILIZER SOLUTION**

Recommended nitrogen based fertilizers include liquid fertilizers (such as 28%N, 32%N or 10-34-0) at the rate of 1-2 quarts per acre. Use the higher rate when weeds are under moisture or temperature stress. Instead of a liquid fertilizer, spray grade ammonium sulfate may be used at the rate of 2.5 lbs per acre.

Fill the spray tank one-fourth to one-half full with clean water. Use a calibrated measuring device to measure the required amount of PURSUIT. Add PURSUIT to the spray tank while agitating. Add adjuvants and fill the remainder of the tank with water.

## **TANK MIX COMBINATIONS WITH OTHER HERBICIDES**

To control weeds not listed on the PURSUIT label, herbicides such as Buctril<sup>2</sup>, 2,4-DB or POAST PLUS<sup>3</sup> may be tankmixed with PURSUIT. When PURSUIT 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.

## **SPRAYING INSTRUCTIONS**

DO NOT apply when wind velocity is greater than 10 mph, or when spray may be carried to sensitive crops. Sensitive crops include leafy vegetables, cole crops, sugar beets, cotton, trees and vines.

### **GROUND APPLICATIONS:**

Uniformly apply with properly calibrated ground equipment in 10 or more gallons of water per acre. Use higher gallonage (i.e. 20 gallons of water per acre) for fields with dense vegetation or heavy weed pressure. A spray pressure of 20 to 40 psi is recommended.

Adjust the boom height to ensure proper coverage of weed foliage (according to the manufacturer's recommendation). Use only flat-fan nozzle tips only.

Avoid overlaps when spraying.

Do Not apply PURSUIT to alfalfa by aerial application.

## **APPLICATION INFORMATION**

PURSUIT is effective in controlling a broad spectrum of broadleaf and grass weeds. Alfalfa has excellent tolerance to postemergence applications of PURSUIT after the second trifoliate leaf has expanded. Minor height reduction or slight leaf yellowing may occur soon after application. The effects are temporary and the alfalfa will soon recover.

Apply PURSUIT as an early postemergence treatment when the weeds are actively growing. Weeds are generally easier to control before they exceed 3 inches in height. Weeds under stress are less susceptible to control in cold or drought stress conditions.



PURSUIT should be applied a minimum of one hour before rainfall or overhead irrigation.

### **STAND ESTABLISHMENT**

Apply PURSUIT after the alfalfa has 2 fully expanded trifoliolate leaves. Weeds must not exceed the size listed in the WEEDS CONTROLLED tables. PURSUIT may be applied to summer, fall or spring seeded alfalfa.

### **ESTABLISHED ALFALFA - DORMANT**

PURSUIT may be applied to dormant alfalfa in the fall following the last cutting. PURSUIT may also be applied in the spring to dormant alfalfa, or as alfalfa breaks dormancy. Apply spring treatments prior to excessive alfalfa growth (less than 3 inches), to reduce spray interference.

### **ESTABLISHED ALFALFA - GROWING**

For weed control during the season, apply PURSUIT following alfalfa cutting. Remove the hay from the field and apply PURSUIT prior to excessive alfalfa regrowth.

Do not apply to alfalfa during the last year of the stand.

### **USE RATE (3 TO 6 OUNCES PER ACRE)**

Apply PURSUIT at a broadcast rate of 3 to 6 fluid ounces per acre to seedling or established alfalfa.

NOTE: A maximum of 6 ounces of PURSUIT per year may be applied to alfalfa.

### **WEEDS CONTROLLED**

When applied as directed, PURSUIT will control or reduce competition from the weeds listed below. Refer to the MIXING INSTRUCTIONS section on pages 1-2 for recommendations when weeds are at the maximum recommended growth stage, or are under stress.

NOTE: C = Control R = Reduced Competition

## BROADLEAF WEEDS CONTROLLED

| WEEDS<br>1-3 Inches*  | PURSUIT APPLICATION RATE |        |        |
|-----------------------|--------------------------|--------|--------|
|                       | 3 Oz/A                   | 4 Oz/A | 6 Oz/A |
| Artichoke, Jerusalem  | R                        | C      | C      |
| Beets, wild           | C                        | C      | C      |
| Bedstraw, catchweed   |                          | C      | C      |
| Buckwheat, wild       |                          | C      | C      |
| Chickweed             |                          |        |        |
| common                | R                        | C      | C      |
| mouseear              | R                        | C      | C      |
| Cocklebur, common     |                          | C      | C      |
| Dandelion             |                          | R      | R      |
| Dock,                 |                          |        |        |
| broadleaf (seedling)  |                          |        | R      |
| curly (seedling)      |                          |        | R      |
| Fiddleneck            |                          |        | R      |
| Filaree               |                          |        |        |
| redstem               |                          | R      | C      |
| whitestem             |                          | R      | C      |
| Flixweed              | R                        | C      | C      |
| Goosefoot, nettleleaf | R                        | C      | C      |
| Grounsel, common      |                          |        | R      |
| Henbit                |                          | R      | C      |
| Jimsonweed            |                          | C      | C      |
| Knotweed, prostrate   |                          | R      | C      |
| Kochia                | R                        | C      | C      |
| Lambsquarter,         |                          |        |        |
| common (1-2 leaves)   |                          | R      | R      |
| Lettuce, miners       |                          | R      | C      |
| Mallow,               |                          |        |        |
| common                |                          | C      | C      |
| little                |                          | C      | C      |
| Marshelder            |                          | C      | C      |
| Morningglory,         |                          |        |        |
| entireleaf            |                          |        | C      |
| ivyleaf               |                          |        | C      |
| pitted                |                          |        | C      |
| smallflower           |                          | C      | C      |
| tall                  |                          |        | C      |
| Mustards              |                          |        |        |
| tumble                | C                        | C      | C      |
| wild                  | C                        | C      | C      |
| black                 | C                        | C      | C      |
| Nettle, burning       |                          | C      | C      |

\*Apply PURSUIT to weeds 1-3 inches tall or when rosettes are 1-3 inches wide. This will generally occur when weeds have 2-6 leaves.

**BROADLEAF WEEDS CONTROLLED - Continued**

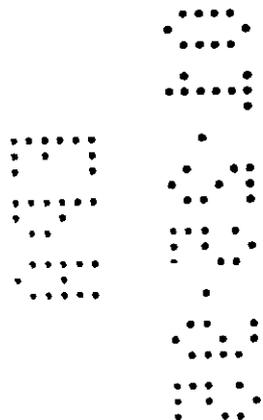
| WEEDS<br>1-3 Inches  | PURSUIT APPLICATION RATE |        |        |
|----------------------|--------------------------|--------|--------|
|                      | 3 Oz/A                   | 4 Oz/A | 6 Oz/A |
| Nightshade           |                          |        |        |
| black                | C                        | C      | C      |
| Eastern black        | C                        | C      | C      |
| hairy                | C                        | C      | C      |
| Oxtongue, bristly    |                          |        | R      |
| Pennycress, field    | R                        | C      | C      |
| Pepperweed,          |                          |        |        |
| field                | R                        | C      | C      |
| Virginia             | R                        | C      | C      |
| Pigweed              |                          |        |        |
| redroot              | C                        | C      | C      |
| smooth               | R                        | C      | C      |
| spiny                |                          | C      | C      |
| Radish, wild         |                          | R      | C      |
| Ragweed              |                          |        |        |
| common               |                          | C      | C      |
| giant                |                          | C      | C      |
| Redmaids             |                          | C      | C      |
| Rocket               |                          |        |        |
| London               | C                        | C      | C      |
| yellow               | R                        | C      | C      |
| Rockpurslane, desert |                          |        | C      |
| Shepherdspurse       | R                        | C      | C      |
| Smartweed            |                          |        |        |
| ladysthumb           | R                        | C      | C      |
| Pennsylvania         | R                        | C      | C      |
| Spurge               |                          |        |        |
| prostrate            |                          | R      | C      |
| spotted              |                          | R      | C      |
| Spurry, corn         |                          | C      | C      |
| Sunflower, common    | R                        | C      | C      |
| Swinecress           |                          | C      | C      |
| Tansymustard         |                          |        |        |
| green                | C                        | C      | C      |
| pinnate              | C                        | C      | C      |
| Thistle, Russian     | C                        | C      | C      |
| Velvetleaf           | R                        | C      | C      |
| Wartcress, creeping  |                          | C      | C      |
| Watercress           |                          | C      | C      |
| Willowweed, panicle  |                          | C      | C      |

## GRASSES AND SEDGES CONTROLLED

| WEEDS<br>1-3 Inches      | PURSUIT APPLICATION RATE |        |
|--------------------------|--------------------------|--------|
|                          | 4 Oz/A                   | 6 Oz/A |
| Barnyardgrass            | R                        | C      |
| Bluegrass, annual        |                          | R      |
| Canarygrass, littleseed  | R                        | R      |
| Cereals, volunteer       |                          |        |
| barley                   | R                        | R      |
| oats                     | R                        | R      |
| wheat                    | R                        | R      |
| Crabgrass,               |                          |        |
| large                    | R                        | C      |
| smooth                   | R                        | C      |
| Cupgrass, woolly*        | C                        | C      |
| Foxtail,                 |                          |        |
| giant (1-6 leaves)       | C                        | C      |
| green                    | C                        | C      |
| yellow                   | R                        | C      |
| Johnsongrass,            |                          |        |
| seedling (1-6 leaves)    | C                        | C      |
| rhizome                  | R                        | R      |
| Millet, wild proso       | R                        | C      |
| Nutsedge,                |                          |        |
| yellow                   | R                        | R      |
| purple                   | R                        | R      |
| Oats, wild               | R                        | R      |
| Rice, red                | C                        | C      |
| Shattercane (1-6 leaves) | C                        | C      |
| Signalgrass, broadleaf   | R                        | C      |
| Quackgrass**             |                          | R      |

\*PURSUIT controls emerged woolly cupgrass only.

\*\*Quackgrass will be suppressed only when actively growing and before it exceeds 7 inches in height.



## ROTATIONAL CROP GUIDELINE

The following rotational crops may be planted after applying PURSUIT at the recommended rate: (Planting earlier than the recommended interval may result in crop injury).

- 1 Anytime
  - Lima beans
  - Southern peas
  - Soybeans
  - Peanuts
  - IMI-Corn™ (resistant/tolerant to PURSUIT)
- 2 Four months after PURSUIT application:
  - Alfalfa
  - Rye
  - Wheat
  - Edible beans and peas (other than lima beans and Southern peas)
- 3 Eight and one-half months after PURSUIT application:
  - Field corn
  - Field corn grown for seed\*
- 4 Nine and one-half months after PURSUIT application:
  - Barley
  - Tobacco
- 5 Eighteen months after PURSUIT application.
  - Cotton
  - Lettuce
  - Oats
  - Popcorn
  - Safflower
  - Sorghum
  - Sweet corn
- 6 Twenty six months after PURSUIT application.
  - All crops not listed elsewhere in this ROTATIONAL CROP GUIDELINE.\*\*
- 7 Forty months after PURSUIT application.
  - Sugar beets
  - Red table beets
  - All crops not listed elsewhere in this ROTATIONAL CROP GUIDELINE.\*\*\*

\* Several seed companies have tested a wide range of inbreds for sensitivity to PURSUIT 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 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 shall be assumed by the user.

\*\* Applies to states other than the western states.

\*\*\* Applies to western states (including Washington, Oregon, Montana, Utah, Nevada, Wyoming, Colorado, Arizona, New Mexico, west Texas, western Kansas, western Nebraska, and South Dakota

Use of PURSUIT 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

## PRECAUTIONS

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

In the event of a crop loss due to weather, do not plant alfalfa until 4 months following the PURSUIT application.

Do not feed, graze or harvest alfalfa for 30 days following an application of PURSUIT to alfalfa.

**For additional information regarding the use of PURSUIT herbicide, call telephone no. 800-942-0500.**

**This label must be in the possession of the user at the time of herbicide application**



### **CYANAMID**

**American Cyanamid Company**  
Agricultural Products Division  
Crop Protection Chemicals Department  
Wayne, NJ 07470 ©1995

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