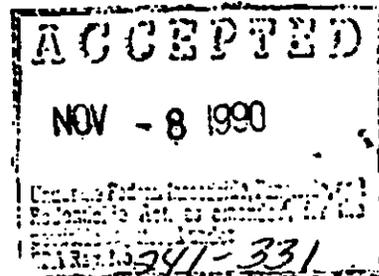


PM 25 241-331 Pg. 198



PURSUIT® PLUS  
herbicide  
Soil Applied

FOR USE IN SOYBEANS

ACTIVE INGREDIENTS:

Imazethapyr (±)-2-[4,5-dihydro-4-methyl-4-(1-methyl-ethyl)-5-oxo-1H-imidazol-2-yl]-5-ethyl-3-pyridinecarboxylic acid . . . . .	2.25%
pendimethalin (N-1-ethylpropyl)-3,4-dimethyl-2,6-dinitrobenzenamine . . . . .	30.73%
INERT INGREDIENTS . . . . .	67.02%
TOTAL . . . . .	100.00%

PURSUIT PLUS contains 2.9 pounds of active ingredients per gallon (2.7 pounds ai of pendimethalin and 0.2 pounds acid equivalent of imazethapyr).

EPA Reg. No. 241-

EPA Est. No.

KEEP OUT OF REACH OF CHILDREN

CAUTION!/PRECAUCION!

PRECAUCION AL USUARIO: Si usted no lee ingles, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Do not induce vomiting. Call a physician or Poison Control Center immediately.

IF IN EYES: Flush eyes with plenty of water. Call a physician if irritation persists.

IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritation persists.

NOTE TO PHYSICIAN: Because of increased risk of chemical pneumonia or pulmonary edema caused by aspiration of the hydrocarbon solvent, vomiting should be induced only under professional supervision.

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

See Next Page for Additional Precautionary Statements

AMERICAN CYANAMID COMPANY  
AGRICULTURAL DIVISION  
CROP PROTECTION CHEMICALS DEPARTMENT  
WAYNE, NJ 07470 ©1990

Net Contents: 2.5 gallons  
(9.45 liters)

10/90

\* Registered Trademark of American Cyanamid Company

pg. 2018

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS (AND DOMESTIC ANIMALS)**

**CAUTION**

Harmful if swallowed or absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling.

**ENVIRONMENTAL HAZARDS**

This product is toxic to fish. DO NOT apply directly to water or wetlands (swamps, bogs, marshes or potholes). Drift and runoff from treated areas may be hazardous to aquatic organisms in adjacent aquatic sites. DO NOT contaminate water when disposing of equipment washwaters.

**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 in this leaflet. Do not use PURSUIT PLUS other than in accordance with the instructions set forth on this label. The use of PURSUIT PLUS not consistent with this label can result in injury to crops, animals, or persons. Keep container closed to avoid spills and contamination.

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

**STORAGE AND DISPOSAL**

STORAGE: KEEP FROM FREEZING. DO NOT STORE BELOW 40°F. SHAKE WELL BEFORE USING.

DO NOT contaminate water, food, or feed by storage or disposal.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

**BEST AVAILABLE COPY**

**GENERAL INFORMATION**

PURSUIT PLUS is effective in providing weed control in conservation tillage systems. PURSUIT PLUS may be applied in minimum tillage, no-till, or conventional tillage soybean production. Apply PURSUIT PLUS preplant incorporated from 45 days prior to planting up to planting. Incorporate PURSUIT PLUS within 7 days of application if rainfall is not received. PURSUIT PLUS may be surface applied (up to 45 days) prior to planting soybeans. After PURSUIT PLUS is applied, some susceptible weeds emerge, growth stops, and the weeds either die or are not competitive with the crop.

The weed killing activity of PURSUIT PLUS involves herbicide uptake by weed roots and rapid translocation to the growing points. Therefore, adequate soil moisture is important for optimum PURSUIT PLUS activity. When adequate soil moisture is present, PURSUIT PLUS will provide residual control of susceptible germinating weeds.

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.

Some dwarfing of soybean plants may occur with PURSUIT PLUS applications. This is the result of shortened plant internodes and has no effect on soybean yields.

Replanting: If replanting is necessary in a field previously treated with PURSUIT PLUS, the field may be replanted to soybeans. Rework the soil no deeper than the treated zone. Do not apply a second treatment of PURSUIT PLUS.

### MIXING INSTRUCTIONS

Fill the spray tank one-half to three-quarters full with clean water. While agitating, add the required amount of product and then fill the remainder of the tank with water. Maintain agitation while spraying to ensure a uniform spray mixture.

When PURSUIT PLUS is tank mixed with paraquat or Roundup<sup>1</sup>, add PURSUIT PLUS to the tank first, next add PROWL<sup>®</sup> (if used), then add paraquat or Roundup. When paraquat is included in a tank mixture, add 8 ounces of non-ionic surfactant per 100 gallons of spray mixture as the last ingredient in the tank.

### SPRAYING INSTRUCTIONS

#### GROUND APPLICATIONS:

Uniformly apply with properly calibrated ground equipment in 10 to 40 gallons of water per acre. A spray pressure of 20 to 40 recommended.

To ensure thorough coverage, use a minimum of 20 gallons of water per acre when applying PURSUIT PLUS to minimum or no-till soybeans. Use higher gallonage for fields with dense vegetation or heavy crop residues.

DO NOT apply with ground equipment when wind velocity is greater than 10 mph.

#### APPLICATIONS WITH LIQUID FERTILIZER:

PURSUIT PLUS can be applied to the soil in liquid fertilizers, alone or in combination with PROWL, trifluralin, Lasso<sup>1</sup> or Dual<sup>2</sup>. Follow all PURSUIT PLUS label recommendations regarding incorporation, timing of application, special instructions and precautions. Apply treatments in 20 or more gallons of liquid fertilizer per acre with ground equipment.

#### USE RATE (2 1/2 PINTS PER ACRE)

Apply PURSUIT PLUS at a broadcast rate of 2 1/2 pints per acre for all methods of application: preplant incorporated and preemergence (including minimum and no-till). At this broadcast rate, one gallon of PURSUIT PLUS will treat 3.2 acres of soybeans.

NOTE: Only one application of PURSUIT PLUS may be made during the season.

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<sup>1</sup>Roundup and Lasso is a trademark of Monsanto Agricultural Products Company.  
<sup>2</sup>Dual is a trademark of Ciba Geigy Corporation.  
<sup>®</sup>Registered Trademark of American Cyanamid Company.

## WEEDS CONTROLLED

The following grass and broadleaf weeds are controlled by recommended treatments of PURSUIT PLUS:

## GRASSES

Barnyardgrass	Goosegrass
Crabgrass	Johnsongrass, seedling
large	Panicum
smooth	browntop
Crowfootgrass	fall
Cupgrass, woolly**	Texas
Foxtail	Sandbur, field
giant	Shattercane**
green	Signalgrass, broadleaf**
giant green	Witchgrass
robust purple	
robust white	
yellow	

## BROADLEAF WEEDS

Carpetweed	Puncturevine
Cocklebur, common*	Purshlane, common
Galinsoga	Pusley, Florida
Jimsonweed**	Sida, prickly (Teaweed)
Kochia	Smartweed
Lambsquarters, common	ladysthumb
Morningglory	Pennsylvania
smallflower	Spurge
Mustard Species	prostrate
Nightshade	spotted
black	Sunflower, common**
Eastern black	velvetleaf
hairy	Waterhemp, tall
Pigweed	
palmer	
redroot	
smooth	
spiny	

PURSUIT PLUS will suppress and reduce competition from:

Buffalobur**	Ragweed
Itchgrass**	common
Johnsongrass, rhizome**	giant**
Mallow, Venice**	Nutsedge, yellow**
Millet, wild proso**	
Morningglory**	
entireleaf	
ivyleaf	
pitted	
tall	

\* Preplant incorporated treatments only for best results and for light to moderate infestations.

\*\* Preplant incorporated treatments only.

**SOIL APPLICATION INSTRUCTIONS**

PURSUIT PLUS may be soil applied prior to planting (up to 45 days) in conventional, reduced, or no-till soybeans. DO NOT apply after planting soybeans (North of Interstate I-80) as crop injury may occur. PURSUIT PLUS may be surface applied or incorporated into the soil prior to planting.

PURSUIT PLUS controls weeds by uptake, by weed roots, and translocation to the growing points where it stops weed growth.

Adequate soil moisture is required for optimum activity. For surface applications, rainfall or overhead irrigation is necessary to move PURSUIT PLUS into the weed germination zone. 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 a surface-applied treatment, then a cultivation is recommended to control escaped weeds. When adequate moisture is received after dry conditions, PURSUIT PLUS 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.

**PREEMERGENCE APPLICATIONS**

**SURFACE APPLICATIONS MADE BEFORE PLANTING**

PURSUIT PLUS may be surface applied prior to soybean planting (up to 45 days). If sufficient rain does not occur before planting to activate PURSUIT PLUS, mechanically incorporate before planting.

**SURFACE APPLICATIONS MADE AFTER PLANTING (preemergence)**

PURSUIT PLUS may be surface applied (preemergence application) up to 2 days after soybean planting South of Interstate Highway I-80 only. DO NOT APPLY PURSUIT PLUS AFTER SOYBEAN PLANTING North of Interstate Highway I-80.

Note: Surface applications made prior to soybean planting and not incorporated within 7 days of application are consider preemergence applications with respect to weeds controlled.

PURSUIT PLUS may be applied 45 days prior to planting up to planting, but before crop emergence.

**NO-TILL OR REDUCED TILLAGE:**

PURSUIT PLUS is effective in controlling weeds in conservation tillage production systems. Apply PURSUIT PLUS treatments from 45 days prior to planting up to soybean planting but before crop emergence. To ensure thorough coverage, use a minimum of 20 gallons of water per acre. Use higher gallonage for fields with dense vegetation or heavy crop residues. Use ground equipment only.

If vegetation is present, apply paraquat or Roundup in combination with PURSUIT PLUS. Refer to the respective labels for rates, methods of application, proper timing, weeds controlled, restrictions, and precautions. Use ground equipment only.

When PURSUIT PLUS is tank mixed with paraquat or Roundup, add PURSUIT PLUS to the tank first then add paraquat or Roundup. When paraquat is included in a tank mixture, add 8 ounces of non-ionic surfactant per 100 gallons of spray mixture as the last ingredient in the tank.

NOTE: Adjust planters to ensure adequate seed coverage.

**PREPLANT INCORPORATED APPLICATIONS**

PURSUIT PLUS may be applied following land preparation and should be thoroughly incorporated to a depth of 1 to 2 inches. Application may be made up to 45 days prior to planting. Incorporate prior to soybean planting and within 7 days of application. Mechanical incorporation can be achieved by the following:

- (a) Disk harrow set to cut 3 to 4 inches deep and operated at 4 to 6 mph with the second pass at an angle to the first.
- (b) PTO-driven equipment (tillers, cultivators, hoes) set to cut 2-3 inches deep and operated one time at 4 mph or less.
- (c) Rolling cultivator set to cut 2 to 4 inches deep and operated two times at 6 to 8 mph. Use only on coarse textured soils.
- (d) Field cultivator with 3 to 4 rows of sweeps (Do not use chisel points), spaced at intervals of 7 inches or less and staggered so that no soil is left unturned, set to cut 3 inches deep, and operated two times at more than 5 mph with the second pass made at an angle to the first.
- (e) LELY-Roterra<sup>3</sup> set and operated according to the manufacturer's directions to thoroughly incorporate PURSUIT PLUS to a depth of 1 to 3 inches
- (f) Do-All set and operated according to the manufacturer's directions to thoroughly incorporate PURSUIT PLUS to a depth of 1 to 3 inches.
- (g) Do-All set and operated according to the manufacturer's directions to incorporate PURSUIT PLUS 1 to 3 inches deep and operated at 4 to 6 mph.

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

<sup>3</sup>LELY-Roterra is a trademark of Lely.

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### ROTATIONAL CROP RESTRICTIONS

The following rotational crops may be planted after applying PURSUIT PLUS at the recommended rate in soybeans:

1. Four months after application:
  - Barley
  - Wheat
2. Nine and one-half months after application:
  - Edible beans (snap, lima, dry)
  - Field Corn
  - Peanuts
  - Peas
  - Tobacco

DO NOT plant sugarbeets or rapeseed (canola) prior to 26 months after a PURSUIT PLUS application.

DO NOT plant other rotational crops prior to 18 months after a PURSUIT PLUS application.

If soybeans are furrow irrigated, till the soil prior to planting winter wheat. The beds should be broken up and the soil mixed to a depth of 3-4 inches.

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

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

There should be an interval of at least 85 days between an application of PURSUIT PLUS and soybean harvest.

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

DO NOT apply products containing chlorimuron ethyl (e.g. Classic<sup>4</sup>, Canopy<sup>4</sup>, Gemini<sup>4</sup>, Lorox Plus<sup>4</sup>, PREVIEW<sup>4</sup>, etc.) or imazaquin (i.e. SCEPTER<sup>®</sup>, SQUADRON<sup>®</sup>, or TKI-SCEPT<sup>®</sup>, SCEPTER<sup>®</sup>OT<sup>®</sup>, SCEPTER<sup>®</sup> 70DG, or ALA-SCEPT<sup>®</sup>) the same year as PURSUIT or injury to follow crops may occur.

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<sup>4</sup>Classic, Canopy, Preview, Gemini and Lorox Plus are trademarks of E.I. duPont de Nemours and Company.

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