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PM-25

Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg. No. 241-310

FOR USE IN FIELD CORN

APPLY ONLY ON PURSUIT RESISTANT/TOLERANT FIELD CORN HYBRIDS)

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USE DIRECTIONS FOR THE USE OF PURSUIT FOR WEED CONTROL IN PURSUIT RESISTANT/TOLERANT FIELD CORN HYBRIDS

OBSERVE ALL PRECAUTIONARY STATEMENTS IN THE PURSUIT LEAFLET LABEL BEFORE USING. SEE THE PURSUIT LEAFLET LABEL FOR PRECAUTIONS, APPLICATION INFORMATION, USES WITH OTHER PRODUCTS AND ROTATIONAL CROP RESTRICTIONS.

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 expires December 1993.

GENERAL INFORMATION

Apply PURSUIT only on selected field corn hybrids warranted by the seed company to possess resistance/tolerance to direct application of PURSUIT (for example: Pioneer IR varieties). DO NOT apply PURSUIT to corn hybrids which lack genetic resistance/tolerance to PURSUIT herbicide. Contact your chemical dealer, seed supplier or American Cyanamid to obtain information regarding PURSUIT resistant/tolerant field corn hybrids.

PURSUIT can be applied as an early preplant, preplant incorporated, preemergence, postemergence or directed-postemergence treatment on field corn hybrids which are classified as PURSUIT resistant/tolerant.

Crops growing under stressful environmental conditions can exhibit various injury symptoms which may be more pronounced if herbicides are used. Corn plants treated with PURSUIT may exhibit yellowing on new growth. Such effects occur infrequently and are temporary. Normal growth and appearance should resume within 1 to 2 weeks.

Replanting: If replanting is necessary in a field previously treated with PURSUIT, the field may be replanted to PURSUIT resistant/tolerant field corn, soybeans or peanuts. Rework the soil no deeper than the treated zone. DO NOT apply a second treatment of PURSUIT.

MIXING INSTRUCTIONS

When tank-mixing PURSUIT with recommended herbicides, add the other herbicide to the spray tank first and make sure it is thoroughly mixed before adding PURSUIT. When tank-mixing atrazine, Bronco¹, Roundup¹, Lasso¹, Gramoxone Extra², Eradicane², Sutan+², Dual³, Buctril⁴, Banvel⁵ or Marksman⁵ with PURSUIT and PROWL⁶ herbicide, add the herbicides in the following order: (1) atrazine, (2) Buctril, Banvel, PROWL, Marksman, Eradicane, Sutan+, Lasso or Dual, (3) Bronco, Roundup, Gramoxone Extra, (4) PURSUIT, and (5) nonionic surfactant.

USE RATE (4 OUNCES PER ACRE)

Apply PURSUIT at a broadcast rate of 4 ounces per acre (1/4 pint) for all methods of application: early preplant, preplant incorporated, preemergence (including minimum and no-till), postemergence and directed-postemergence. At this broadcast rate, one gallon of PURSUIT will treat 32 acres of PURSUIT resistant/tolerant field corn.

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

APPLICATION INSTRUCTIONS POSTEMERGENCE

Apply PURSUIT herbicide as a postemergence treatment to PURSUIT resistant/tolerant field corn when crop and weeds are actively growing. Apply PURSUIT before weeds exceed a height of 3 inches, unless otherwise indicated (see PURSUIT leaflet label) and before corn exceeds the eight-leaf stage. More restrictive crop growth stage limitations of tank-mix partners must be followed.

¹Bronco, Roundup, and Lasso are Trademarks of Monsanto Agricultural Products Company
²Gramoxone Extra, Sutan+, and Eradicane are Trademarks of ICI America, Inc.
³Dual is a Trademark of Ciba Geigy Corporation
⁴Buctril is a Trademark of Rhone-Poulenc Ag Company
⁵Banvel and Marksman are Trademarks of Sandia Crop Protection Corporation.
⁶Registered Trademark of American Cyanamid Company

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the surfactant at the rate of 1 qt./100 gal. of spray solution

OR

CROP OIL CONCENTRATE: Instead of a surfactant, a petroleum or vegetable seed oil based crop oil concentrate (such as SUN-IT II*) may be used. SUN-IT II is recommended when weeds are under moisture or temperature stress. Use SUN-IT II/other crop oil concentrates at the rate of 1.5 to 2 pts./A (use the higher rate when weeds are at the maximum label size).

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 qts./A. 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./A.

SOIL APPLICATIONS

PURSUIT can be applied as an early preplant, preplant incorporated, or preemergence treatment in PURSUIT resistant/tolerant field corn.

HERBICIDE COMBINATIONS POSTEMERGENCE

Products that can be tank-mixed postemergence with PURSUIT include PROWL, atrazine, Buctril, Banvel and Marksman. Postemergence applications of PURSUIT with PROWL or Banvel can be made to corn up to the five-leaf stage. Atrazine can be tank-mixed with PURSUIT for application to corn up to 12" in height. Buctril can be tank-mixed with PURSUIT for application to corn between the three-leaf and eight-leaf stages. Some corn leaf burn may result with Buctril or atrazine postemergence combinations with PURSUIT. Applications of Banvel herbicide to corn during periods of rapid growth may result in temporary leaning. DO NOT use crop oil concentrates as adjuvants in PURSUIT combinations with Banvel. In some cases the grass activity of PURSUIT will be reduced when used in combination with atrazine, Buctril or Banvel.

*PURSUIT applications may be made with a nonionic surfactant only (liquid fertilizer not required) in the states of Arkansas, Boudreau of Missouri, Tennessee, South Carolina, Louisiana, Mississippi, Alabama, and Georgia.

*SUN-IT II is a Trademark of Agway, Inc.

*Accent is a Trademark of F. I. ThePest de Nemours and Company, Inc.

*Beacon is a Trademark of Ciba Geigy Corporation.

HERBICIDE COMBINATIONS SOIL APPLICATIONS

When heavy grass pressure is anticipated, PURSUIT should be used in combination with one of the following registered soil-applied grass herbicides; PROWL (preemergence or early postemergence only, DO NOT incorporate PROWL), Lasso or Dual (preemergence or preplant incorporated), Eradicane or Sutan+ (preplant incorporated only).

The application of a soil applied grass herbicide underlay (such as Lasso, Dual, Sutan+, or Eradicane) or PROWL applied preemergence or early postemergence (DO NOT incorporate PROWL treatments) will control grass weeds not on the PURSUIT label and enhance the control of certain broadleaf weeds such as common lambsquarters.

Refer to the PROWL (or other grass herbicide) label for specific use recommendations, rates and precautions.

DO NOT tank-mix PURSUIT with Accent[®] or Beacon[®]. DO NOT apply separate applications of these herbicides before or after PURSUIT treatments.

Weeds Controlled by Preplant and Preemergence Combination Soil Treatments.

When applied as directed, PURSUIT combination soil treatments with PROWL (Preemergence only, DO NOT incorporate PROWL), Lasso, Dual, Eradicane, or Sutan+ will control the weeds listed in the following table, in addition to those controlled by PURSUIT alone.

GRASSES	PROWL ^a	Eradicane ^b	Sutan+ ^b	Lasso ^c	Dual ^c
Barnyardgrass	X	X	X	X	X
Crabgrass, large	X	X	X	X	X
Crabgrass, smooth	X	X	X	X	X
Crowfootgrass	X	X	X		
Goosegrass	X	X	X	X	X
Itchgrass		X	X		
Panicum, fall	X	X	X	X	X
Panicum, Texas	X	X	X		
Rhizome johnsongrass		X	X		
Sandbur, field	X	X	X		
Shattercane	X	X	X		
Signalgrass, broadleaf	X	X	X	X	X
Wild proso millet	X	X	X		
Witchgrass	X	X	X	X	X
Woolly Cupgrass	X	X			

^aPreemergence treatments only. DO NOT apply PROWL preplant incorporated. PROWL does not control emerged grasses.

^bPreplant incorporated treatments only.

^cPreplant incorporated or preemergence treatments.

BROADLEAF WEEDS

GRASS 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, common	C*	2	1 - 2
Mallow, Venice	R		
Marshelder	C	4	1 - 3
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,			
palmer	C	8	1 - 8
redroot	C	8	1 - 8
smooth	C	8	1 - 8
spiny	C	8	1 - 8
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, barmyard	R		
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
Velvetleaf	C*	4	1 - 3
Thistle, Canada	R		
Waterhemp, tall	C	4	1 - 3

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
giant 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	R	1 - 8
Millet, wild proso	R	R	1 - 3
Panicum,			
fall	R		
Texas	R		
Red rice		3	1 - 3
Sandbur, field	R	R	≤ 1
Shattercane	R	6	1 - 8
Signalgrass, broadleaf	R	4	1 - 8
So,ghum alnum	R	6	1 - 3

SEDGES

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

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

**PURSUIT controls emerged woolly cupgrass only.

When applied as directed at the broadcast rate of 4 ounces per acre, PURSUIT will control or reduce competition from the weeds listed above.

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).

PURSUIT is active against many broadleaf and grass species. However, when heavy grass pressure is anticipated, PURSUIT should be used in combination with a soil-applied grass herbicide. (See HERBICIDE COMBINATIONS section).

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

**Must be preplant incorporated for best results. Cultivation and/or a postemergence herbicide may be required for season long results.

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

ROTATIONAL CROPS

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Refer to the PURSUIT leaflet label for further rotational crop restrictions.

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

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

DO NOT plant other rotational crops prior to 26 months after a PURSUIT application.

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.

PRECAUTIONS

In the event of a crop loss due to weather, resistant/tolerant field corn hybrids, soybeans, edible beans (lima, dry), southern peas or peanuts can be replanted if PURSUIT was applied alone at rates labelled for these crops. If PURSUIT was tank-mixed with other herbicides, such as atrazine, the label restrictions for these herbicides must also be followed.

There should be an interval of at least 45 days between an application of PURSUIT and corn harvest (silage, fodder, or grain). DO NOT graze or feed treated corn, forage, silage, fodder, or grain for at least 45 days after an application of PURSUIT.

DO NOT apply products containing nicosulfuron (Accent), primisulfuron (Beacon) to field corn the same year as PURSUIT or injury to follow crops may occur.

All soil insecticides, including labelled banded or in-furrow applications, may be used in combination with Pioneer imidazolinone resistant (IR) corn hybrids.

Imidazolinone tolerant hybrids from other seed companies may occasionally exhibit injury symptoms when soil insecticides are used in combination with PURSUIT. USE banded applications of COUNTER® 20CR® or THIMET® in combination with PURSUIT application. DO NOT USE COUNTER soil insecticide products in-furrow with imidazolinone tolerant hybrids. American Cyanamid has not tested all hybrids in which the imidazolinone tolerance trait is claimed and cannot be responsible for factors which are beyond its control, such as growing conditions, environmental conditions, grower practices and the specific genetics of each hybrid which may influence tolerance. Growers should contact the seed company for information regarding specific hybrid tolerance to herbicide and insecticide applications.

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

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