

PM 25

241-310

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PURSUIT®
herbicide

FOR USE IN FIELD CORN*, SOYBEANS AND PEANUTS
*(Apply only on IMI-Com hybrids)

ACTIVE INGREDIENT:

Ammonium salt of imazethapyr (+)-2-[4,5-dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1H-imidazol-2-yl]-5-ethyl-3-pyridinecarboxylic acid** 22.87%

INERT INGREDIENTS 77.13%

TOTAL 100.00%

**Equivalent to 21.6% (+)-2-[4,5-dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1H-imidazol-2-yl]-5-ethyl-3-pyridinecarboxylic acid

(1 gallon contains 2.0 pounds of active ingredient as the free acid)

EPA Reg. No. 241-310

EPA Est. No. 32761-MO-3

KEEP OUT OF REACH OF CHILDREN

CAUTION/PRECAUCION

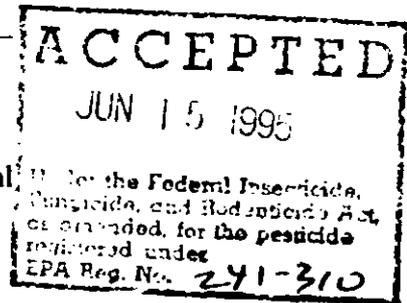
Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand this label, find someone to explain it to you in detail).

STATEMENT OF PRACTICAL TREATMENT

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

IF IN EYES: Flush with plenty of water.

IF INHALED: Remove victim to fresh air.



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

See Page 3 for Additional Precautionary Statements

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

Net Contents 1 gallon
(3.78 liters)

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PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS

CAUTION!

Harmful if inhaled or absorbed through skin. Avoid breathing spray mist. Avoid contact with skin, eyes or clothing.

Personal Protective Equipment (PPE):

Applicators and other handlers must wear:

- long-sleeved shirt and long pants
- waterproof gloves
- shoes plus socks

Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

User Safety Recommendations:

Users Should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
 - Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
-

ENVIRONMENTAL HAZARDS

Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark.

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.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

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 products used in combination with PURSUIT. Do not use PURSUIT other than in accordance with the instructions set forth on this label. The use of PURSUIT 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.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 4 hours. Exception: if the product is soil-injected or soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- coveralls
- waterproof gloves
- shoes plus socks

STORAGE AND DISPOSAL

PROHIBITIONS:

KEEP FROM FREEZING

DO NOT store below 32°F.

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, by incineration or, if allowed by State and local authorities by burning. If burned, stay out of smoke.

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 PURSUIT. 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 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 account of the purchase price of the American Cyanamid Company product.

GENERAL INFORMATION

PURSUIT can be applied as an early preplant, preplant incorporated, preemergence, at ground-cracking (peanuts) or early postemergence. The application method of choice will depend on the anticipated weed spectrum and the preference of the applicator.

PURSUIT kills weeds by root and/or foliage uptake and rapid translocation to the growing points. Adequate soil moisture is important for optimum PURSUIT activity. When adequate soil moisture is present, PURSUIT 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.

Apply PURSUIT herbicide only on selected field corn hybrids (IMI-Corn) warranted by the seed company to possess resistance/tolerance to direct application of PURSUIT. DO NOT apply PURSUIT to corn hybrids which lack resistance/tolerance to PURSUIT herbicide. Contact your seed supplier, chemical dealer or American Cyanamid to obtain information regarding IMI-Corn hybrids.

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.

Occasionally, soybean internode shortening and/or temporary yellowing of crop plants may occur following PURSUIT applications. These effects occur infrequently and are temporary. Normal growth and appearance should resume within 1 to 2 weeks. These effects will not affect crop yields.

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.

Following the use of this product and chemically related products with the same mode of action, naturally occurring biotypes* of some of the weeds listed on this label cannot be effectively controlled by this and related products. This product should be tank mixed or applied sequentially with an appropriate registered herbicide having a different mode of action to ensure control of resistant biotypes.

*A weed biotype is a naturally occurring individual within a given species that has a slightly different, but distinct, genetic makeup from other individuals.

Replanting: If replanting is necessary in a field previously treated with PURSUIT, the field may be replanted to soybeans, peanuts or Imi-Corn™ (imidazolinone resistant/tolerant corn), lima beans or Southern peas. Rework the soil no deeper than the treated zone. Do not apply a second treatment of PURSUIT.

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.

OR

CROP OIL CONCENTRATE: Instead of a surfactant, a petroleum or vegetable seed based oil concentrate (such as SUN-IT II^S) may be used. SUN-IT II is recommended when weeds are under moisture or temperature stress. Use SUN-IT II or other methylated seed oils at the rate of 1.5 to 2 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.

Note: Liquid fertilizer solutions are not required in PURSUIT applications in use areas south of Interstate highway 40.

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

If other herbicides are tank-mixed with PURSUIT, while agitating, add components in the following order:

- 1) Fill spray tank 1/4 to 1/2 full with clean water.
- 2) Add soluble packet products and thoroughly mix.
- 3) Add WP (wetable powder), DG (dispersible granule), DF (dry flowable) or liquid flowable formulations not in soluble packets.
- 4) Add PURSUIT and thoroughly mix.
- 5) Add other aqueous solution products.
- 6) Add EC (emulsifiable concentrate) products.
- 7) Add surfactant or crop oil to the spray tank.
- 8) Add liquid fertilizer.
- 9) While agitating, fill the remainder of the tank with water.

If dicamba sprayer contamination is possible, refer to the appropriate dicamba label (Banvel,⁶ Clarity,⁶ or Marksman⁶) for sprayer cleanup directions. Clean the sprayer prior to PURSUIT applications to avoid dicamba injury to soybeans.

To avoid injury to sensitive crops, spray equipment used for PURSUIT applications must be drained and thoroughly cleaned with water before being used to apply other products.

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. PURSUIT cannot be mixed with any product containing a label prohibiting such mixtures.

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 and sugar beets.

GROUND APPLICATIONS:

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

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

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

Avoid overlaps when spraying.

PURSUIT APPLICATIONS WITH A LOW VOLUME SPRAYER

PURSUIT may be applied to soybeans with a low volume (Spra-Coupe-type) sprayer. When applying PURSUIT with a low volume sprayer, spray the weeds before they reach the maximum size listed in this label. Adequate control of weeds is dependent upon good spray coverage of the weeds. The sprayer must be calibrated to deliver the recommended spray volume and pressure to ensure adequate spray coverage of the weeds.

When applying PURSUIT with a low volume sprayer, apply a minimum of 10 gallons per acre of spray solution with a nozzle pressure between 40-60 psi for optimum coverage. When spraying combinations including Banvel or dicamba containing products, do not exceed 40 psi sprayer pressure.

AERIAL APPLICATION:

PURSUIT herbicide may be applied by air only to soybeans and IMI-Com. DO NOT apply by air to other crops.

Uniformly apply with properly calibrated aerial equipment in 5 or more gallons of water per acre. When applied POSTEMERGENCE, the addition of a non-ionic surfactant AND fertilizer solution are required for optimum weed control. Apply a non-ionic surfactant at the rate of 1 quart per 100 gallons of spray mixture OR a crop oil concentrate at the rate of 1.5 - 2 pints per acre AND a liquid fertilizer at the rate of 1 quart per acre. (See instructions under APPLICATION INSTRUCTIONS - POSTEMERGENCE).

To avoid injury to sensitive crops from drift, aerial applicators must adhere to the following SPECIAL AERIAL USE DIRECTIONS AND PRECAUTIONS.

- Nozzle height above ground must be a maximum of 10 feet.
- Nozzles must be pointed toward the rear of the aircraft. The downward angle of the nozzle should not be greater than 20 degrees.
- To minimize wing-tip vortex roll, nozzles or spray boom must not be located any closer to end of wing or rotor than three-fourths the distance from the center of the aircraft.
- Use a maximum spray pressure of 40 psi.
- A buffer zone must be established between the area to be sprayed and sensitive crops.
- DO NOT spray when wind velocity is greater than 5 mph. Coarse sprays (larger droplets) are less likely to drift.

Applicator is responsible for any loss or damage which results from spraying PURSUIT in a manner other than recommended in this label. In addition, applicator must follow all applicable state and local regulations and ordinances in regard to spraying.

APPLICATION INFORMATION POSTEMERGENCE

PURSUIT is effective in controlling weeds in conservation tillage as well as in conventional production systems. Apply PURSUIT herbicide as an early postemergence treatment when weeds are actively growing and before they exceed a height of 3 inches, unless otherwise indicated. Delay application until the majority of the weeds are at the recommended growth stage. Application timing should be based on weed size and not crop growth stage. Apply PURSUIT to crops and weeds that are actively growing.

An adjuvant (either a surfactant or a crop oil concentrate) and a liquid fertilizer must be added to the spray solution for optimum weed control activity. See the ADDITIVE section under MIXING INSTRUCTIONS for specific instructions.

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When PURSUIT is applied postemergence, absorption will occur through both the roots and foliage. Susceptible weeds stop growing and either die or are not competitive with the crop. PURSUIT not only controls many existing broadleaf and grass weeds when applied postemergence, it also provides control of susceptible weeds that may emerge after application.

For maximum weed control, cultivate 7 - 10 days following a postemergence PURSUIT application. This timely cultivation will enhance residual weed control, especially under dry conditions.

If air temperatures reach or stay below 40° for 10 or more hours, delay a PURSUIT application for 48 hours from the time temperatures increase above 40° or until weeds are actively growing. Unusually cool temperatures (40° or less) reduce photosynthesis and transpiration. This reduces the uptake and translocation (and effectiveness) of PURSUIT in weeds.

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

NO-TILL/MINIMUM TILLAGE AND DOUBLECROP SOYBEANS:

PURSUIT controls existing weeds and provides residual control of most weeds when applied early postemergence to IMI-Corn or soybeans in no-till or minimum tillage and doublecrop soybean production systems. The application may be applied either before or after emergence of the crop. (Refer to the WEEDS CONTROLLED POSTEMERGENCE chart for weeds controlled and recommended weed size).

If PURSUIT is applied prior to emergence of the crop, and weeds exceed the recommended size, a contact herbicide should be added to PURSUIT to enhance control. (See instructions for NO-TILL OR REDUCED TILLAGE under the PREEMERGENCE section of this label).

SOIL APPLICATIONS

PURSUIT provides effective weed control in conservation tillage systems designed to meet conservation compliance requirements. PURSUIT can be applied as an early preplant, preplant incorporated, or preemergence treatment in soybeans. It can also be applied in conventional, minimum tillage and no-till production systems. The application method of choice will depend on the anticipated weed spectrum and the preference of the applicator.

Adequate soil moisture is required for optimum activity. Rainfall or overhead irrigation is necessary to move PURSUIT 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 treatment, a cultivation is recommended to control escaped weeds. When adequate moisture is received after dry conditions, PURSUIT 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.

PURSUIT controls weeds by uptake by weed roots and translocation to the growing points where it stops weed growth. Susceptible weeds may emerge, growth will stop and the weeds will either die or are not competitive with the crop.

SOIL APPLICATIONS WITH LIQUID FERTILIZERS

PURSUIT can be applied to the soil in liquid fertilizers, alone or in combination with PROWL 33EC, Frontier⁶ Lasso⁷ or Dual⁸ to soybeans or IMI-Corn. Mixtures including trifluralin may be applied to soybeans only. Follow all PURSUIT 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. Always test the compatibility of PURSUIT with the liquid fertilizer before mixing in the spray tank.

PREEMERGENCE (SURFACE APPLICATIONS)

PURSUIT offers flexibility in that it can be utilized in all production tillage systems. It can be applied prior to planting (up to 45 days prior to planting), at planting in conventional, reduced tillage or no-till production systems, or after planting and before crop emergence.

NO-TILL OR REDUCED TILLAGE:

Apply PURSUIT treatments before, during or after planting. 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.

For maximum grass control, tank-mix PURSUIT with PROWL 3.3EC, Frontier, Lasso or Dual. To kill existing vegetation, Gramoxone Extra⁴, Starfire⁴ Roundup⁷ or 2,4-D (early preplant - see 2,4-D label for limitations) may be tank-mixed with PURSUIT alone or in combination with PROWL 3.3EC, Frontier Lasso or Dual. Gramoxone Extra, Starfire, Roundup or 2,4-D should be deleted from the tank-mixture if vegetation is absent at the time of application.

NOTE: Adjust planters to ensure adequate seed coverage.

PREPLANT INCORPORATED APPLICATIONS

PURSUIT may be applied following land preparation and should be **thoroughly incorporated** to a depth of 1 to 2 inches. When applied to beds, maintain PURSUIT in the surface 1 to 2 inches of the finished beds. Application may be made up to 45 days prior to planting soybeans.

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

When PURSUIT is soil applied for control of nutsedge in peanuts incorporate with two passes of the incorporation implement. Make the second pass at an offset angle to the first pass to minimize the potential for streaking.

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FEDERAL CONSERVATION RESERVE PROGRAM AND AGRICULTURAL RESERVE PROGRAM LAND SEEDED TO FORAGE LEGUME SPECIES AND PERENNIAL FORAGE GRASSES.

DIRECTIONS FOR USE

PURSUIT is effective in controlling many annual broadleaf and grass weeds in **CONSERVATION RESERVE PROGRAMS** and **AGRICULTURAL RESERVE PROGRAMS (SET-ASIDE)** land seeded to forage legume or grass crops. A PURSUIT application may result in temporary reduction in growth of legumes and grasses. Plants overcome temporary effects and become well established due to reduced weed competition.

DO NOT feed or graze legumes or grasses following a PURSUIT application. **DO NOT** cut treated legumes or grasses for hay or forage. **DO NOT** harvest legume seed for livestock feed. **DO NOT** use seed from treated legumes for sprouting. Apply only one application of PURSUIT per year.

COVER CROPS:

LEGUMES: Apply to forage legumes including alfalfa, clovers, crownvetch, birdsfoot trefoil and lespedeza.

GRASSES: PURSUIT may be applied to the following grasses: big bluestem, little bluestem, switchgrass, Russian wildrye, intermediate wheatgrass, crested wheatgrass, western wheatgrass, tall wheatgrass, smooth brome, canarygrass or orchardgrass.

APPLICATION RATE: Apply PURSUIT at 4 fluid ounces per acre.

APPLICATION TIMING: PURSUIT may be applied postemergence to seedling legumes (with at least 3 fully expanded trifoliolate leaves) or to established legumes. On established legumes, PURSUIT may be applied in the fall or in the spring before weeds exceed the maximum recommended size for control.

DO NOT apply to seeded grasses until they have 4 leaves.

Refer to the **WEEDS CONTROLLED** under the **SOYBEAN** section of this label.

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CROPS

IMI-CORN - DIRECTIONS FOR USE

PURSUIT HERBICIDE USE AREA (IMI-CORN)

(Not for use in California)

Do not apply PURSUIT to IMI-Corn in North Dakota or in Minnesota north of state highway 210.

**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, and postemergence (including minimum and no-till). At this broadcast rate, one gallon of PURSUIT will treat 32 acres of IMI-Corn.

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

WEEDS CONTROLLED

When applied as directed, PURSUIT will control or reduce competition from the weeds listed below. Refer to the MIXING INSTRUCTIONS section on page 6 for recommendations when weeds are at the maximum recommended growth stage, or are under stress.

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)
Alligator weed		4	1-3
Anoda, spurred	C	2	1-2
Artichoke, Jerusalem		8	6-10
Buffalobur	C*	R	1-3
Eristly starbur		2	1-2
Carpetweed	C		
Cocklebur, common	R	8	1-8
Galinsoga	C		
Jimsonweed	C*	4	1-3
Kochia	C	4	1-3
Lambsquarters, common	C*	R	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			
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, 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	C*	4	1-3
Velvetleaf	C*	4	1-3
Thistle, Canada		R	1-3
Waterhemp, tall	C	4	1-3

*When PURSUIT is soil applied, these weeds are more consistently controlled by preplant incorporated treatments.

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

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
yellow	C		3	1-3
Goosegrass	R			
Johnsongrass,				
seedling	C		6	1-8
rhizome			R	6-12
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
Sorghum alnum	R		6	1-3

SEDGES

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

*When PURSUIT is applied to grasses, preplant incorporated treatments are more consistent.

SEQUENTIAL HERBICIDE COMBINATIONS WITH PURSUIT

PURSUIT Following Early Preplant Application of:

2,4-D	Frontier ⁶
Bicep ⁸ , Bicep Lite ⁸	Gramoxone Extra ⁴
Bronco ⁷	Lasso EC
Bullet ⁷	Lasso MT
Dual	Roundup ⁷
Extrazine II ¹	

PURSUIT Following Preplant Incorporated Application of:

Atrazine*	Extrazine II
Bicep, Bicep Lite	Frontier
Bullet	Lariat ⁷
Dual	Lasso EC, Lasso MT
Eradicane Extra	Sutan+

PURSUIT Following Preemergence Application of:

Atrazine	Dual
Banvel ^{6,*}	Extrazine II
Bicep, Bicep Lite	Frontier
Bladex ¹ 4L	Lariat
Bladex 90DF	Lasso EC, Lasso MT
Bronco	Marksman ^{6,*}
Bullet	PROWL 3.3 EC
Clarity ^{6,*}	

TANK-MIX HERBICIDE COMBINATIONS WITH PURSUIT

Early Preplant Application of PURSUIT Tank-Mixed With:

2,4-D	Gramoxone Extra
Bronco	Lasso EC
Dual	Lasso MT
Frontier	Roundup

Preplant Incorporated Application of PURSUIT Tank-Mixed With:

Atrazine	Extrazine II
Bicep, Bicep Lite	Frontier
Bullet	Lariat
Dual	Lasso EC, Lasso MT
Eradicane Extra	Sutan+

Preemergence Application of PURSUIT Tank-Mixed With:

Atrazine	Dual
Banvel	Extrazine II
Bicep, Bicep Lite	Frontier
Bladex 4L	Lariat
Bladex 90DF	Lasso EC, Lasso MT
Bronco	Marksman
Bullet	PROWL 3.3 EC
Clarity	

Postemergence Applications of PURSUIT Tank-Mixed With:

Atrazine ^{*,**}	Frontier
Banvel ^{*,***}	Lasso EC, Lasso MT
Basagran ^{3,*}	Marksman [*]
Buctril ^{9,*,**}	PROWL 3.3 EC
Clarity ^{*,***}	Sencor DF ¹⁰
Dual	Sencor 4L ¹⁰

DO NOT use crop oil concentrates as adjuvants in PURSUIT combinations with Banvel, Buctril, Clarity, Marksman, Sencor DF or Sencor 4L.

DO NOT tank-mix PURSUIT with Accent¹ or Beacon⁸.

PURSUIT is active against many broadleaf and grass species. However, for long term weed management, alternate mode of action herbicides are recommended with PURSUIT. The application of a soil applied grass herbicide underlay will control grass weeds not on the PURSUIT herbicide label and enhance the control of certain broadleaf weeds such as common lambsquarters.

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. PURSUIT cannot be mixed with any product containing a label prohibiting such mixtures.

- * In some cases the grass activity of PURSUIT will be reduced when used in combination with atrazine, Buctril, Banvel, Basagran, Clarity, or Marksman
- ** Some corn leaf burn may result with Buctril or atrazine postemergence combinations with PURSUIT
- *** Applications of Banvel or Clarity herbicide to corn during periods of rapid growth may result in temporary leaning

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CROPS

SOYBEANS - DIRECTIONS FOR USE

PURSUIT HERBICIDE USE AREA (SOYBEANS)

(Not for use in California)

Do not apply PURSUIT to soybeans in North Dakota or in Minnesota north of state highway 210.

**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, and postemergence (including minimum and no-till). At this broadcast rate, one gallon of PURSUIT will treat 32 acres of soybeans.

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

WEEDS CONTROLLED

When applied as directed, PURSUIT will control or reduce competition from the weeds listed below. Refer to the MIXING INSTRUCTIONS section on page 6 for recommendations when weeds are at the maximum recommended growth stage, or are under stress.

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).

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BROADLEAF WEEDS
SOIL APPLIED

Weeds Controlled	POSTEMERGENCE		
	Maximum Leaf Stage	Size (inches)	
Alligator weed		4	1-3
Anoda, spurred	C	2	1-2
Artichoke, Jerusalem		8	6-10
Buffalobur	C*	R	1-3
Bristly starbur		2	1-2
Carpetweed	C		
Cocklebur, common	R	8	1-8
Galinsoga	C		
Jimsonweed	C*	4	1-3
Kochia	C	4	1-3
Lambsquarters, common	C*	R	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			
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, 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	C*	4	1-3
Velvetleaf	C*	4	1-3
Thistle, Canada		R	1-3
Waterhemp, tall	C	4	1-3

*When PURSUIT is soil applied, these weeds 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
yellow	C	3	1-3
Goosegrass	R		
Johnsongrass,			
seedling	C	6	1-8
rhizome		R	6-12
Millet, wild proso	R	R	1-3
Panicum,			
fall	R		
Texas	R		
Red rice		3	1-3
Shattercane	R	6	1-8
Signalgrass, broadleaf	R	4	1-8
Sorghum, alnum	R	6	1-3
SEDGES			
Nutsedge			
purple	R	R	1-3
yellow	R	R	1-3

* When soil applied to grasses, preplant incorporated treatments of PURSUIT are more consistent.

Do not count cotyledon leaves when determining weed stage of growth.

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

HERBICIDE COMBINATIONS

GRASS WEEDS

Use a soil applied grass herbicide (such as PROWL® 3.3EC to control grass weeds not on the PURSUIT label and to enhance the control of certain broadleaf weeds such as comr. on lambsquarters and pigweeds. Refer to the PROWL 3.3EC (or other grass herbicide) label for specific use recommendations, rates and precautions.

When applied as directed, PURSUIT preplant incorporated or preemergence combination treatments with PROWL 3.3EC, trifluralin, Frontier, Lasso or Dual will control the weeds listed in following table, in addition to those controlled by PURSUIT alone.

	PROWL 3.3EC ^a	trifluralin ^b	Lasso	Dual	Frontier
GRASSES					
Barnyardgrass	X	X	X	X	X
Crabgrass, smooth	X	X	X	X	X
Crabgrass, large	X	X	X	X	X
Crowfootgrass	X	X			
Goosegrass	X	X	X	X	X
Millet, wild proso	X	X			
Panicum, fall	X	X	X	X	X
Panicum, Texas	X	X			
Sandbur, field	X	X			
Shattercane	X ^b	X			
Signalgrass, broadleaf	X ^b	X	X	X	X
Witchgrass	X	X	X	X	X

^a Preplant incorporated tank-mixture applications of PURSUIT plus PROWL 3.3EC will suppress the growth of itchgrass, and rhizome Johnsongrass.

^b Preplant incorporated treatments only.

A selective postemergence grass herbicide such as Select¹¹, Poast Plus³, Fusilade 2000⁴, Fusion⁴, Assure¹ or Option¹² may be mixed with PURSUIT to control volunteer corn or grasses not controlled by PURSUIT. For best results use SUN-IT II or a crop oil concentrate AND liquid fertilizer with grass herbicide tank-mixtures.

In some cases the activity of the grass herbicide may be reduced when mixed with PURSUIT. The reduction in activity may be overcome by delaying the application of the postemergence grass herbicide 7 days following the application of PURSUIT. If the grass herbicide is applied first, wait 3 days before applying PURSUIT. Refer to the respective grass herbicide label for recommended application rate, weed size and restrictions.

BROADLEAF WEEDS

Broadleaf herbicides that can be tank-mixed with PURSUIT include Basagran³ Blazer³, Bronco⁷, Cobra¹¹ Galaxy³, Gramoxone Extra, Roundup, Storm³ or Reflex⁴. Certain herbicides should not be applied with PURSUIT (see Page 31 for restrictions)

) PURSUIT may be applied either preplant incorporated or preemergence in tank-mix combination with metribuzin (Sencor or Lexone¹) or preemergence with linuron (Lorox¹ or Linex¹³). PURSUIT may also be applied preplant incorporated, followed by a preemergence application of metribuzin or linuron. The tank-mix or sequential application of PURSUIT and metribuzin will enhance the control of common cocklebur and common ragweed in addition to the weeds controlled by a soil application of PURSUIT. The addition of linuron to PURSUIT will enhance the control of common ragweed.

)

PEANUTS - DIRECTIONS FOR USE

PURSUIT USE AREA (PEANUTS)

(Not for use in California)

PURSUIT may be used on peanuts in any state where peanuts are grown (except California).

**PURSUIT HERBICIDE 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 (except sequential - see below): preplant incorporated, preemergence, ground-cracking and postemergence. At this broadcast rate, one gallon of PURSUIT will treat 32 acres of peanuts.

PURSUIT may also be applied in a sequential application (See page 25). Apply 2 ounces in a soil application (preplant incorporated or preemergence) followed by 2 ounces applied at ground-crack or postemergence.

NOTE: Do not apply more than 4 ounces of PURSUIT during the growing season.

WEEDS CONTROLLED

When applied as directed, PURSUIT will control or reduce competition from the weeds listed below. Refer to the MIXING INSTRUCTIONS section on page 6 for recommendations when weeds are at the maximum recommended growth stage, or are under stress.

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

<u>Weeds Controlled</u>	<u>SOIL APPLIED</u>	<u>AT-CRACK</u>	<u>POSTEMERGENCE</u>	
			<u>Maximum</u>	<u>Leaf Stage Size (inches)</u>
Alligator weed		C	4	1-3
Anoda, spurred	C	C	2	1-2
Buffalobur	C*	C	R	1-3
Bristly starbur			2	1-2
Carpetweed	C	C		
Cocklebur, common	R	C	8	1-8
Devilsclaw	C	C		
Galinsoga	C	C		
Jimsonweed	C*	C	4	1-3
Lambsquarters, common	C*	C	R	1-2
Morningglory				
entireleaf	R	C	2	1-2
ivyleaf	R	C	2	1-2
pitted	R	C	2	1-2
smallflower	C	C	4	1-3
tall	R	C	2	1-2
Mustard sp.	C	C	4	1-3
Nightshade				
black	C	C	4	1-3
Eastern black	C	C	4	1-3
hairy	C	C	4	1-3
Pigweed				
redroot	C	C	8	1-8
smooth	C	C	8	1-8
spiny	C	C	8	1-8
Poinsettia, wild	C	C		
Puncturevine	C	C		
Purslane, common	C	C		
Pusley, Florida	C	C		
Ragweed,				
common	R	R	4	1-3
giant	R	R	4	1-3
Sida, prickly (teaweed)	C*	C		
Smartweed				
ladysthumb	C	C	4	1-3
Pennsylvania	C	C	4	1-3
Spurge				
prostrate	C	C	4	1-3
spotted	C	C	4	1-3
toothed	C	C		
Sunflower	C*	C	4	1-3
Velvetleaf	C*	C	4	1-3
Waterhemp, tall	C	C	4	1-3

* When PURSUIT is soil applied, these weeds are more consistently controlled by preplant incorporated treatments

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GRASS WEEDS*

Weeds Controlled	SOIL APPLIED	AT-CRACK	POSTEMERGENCE	
			Maximum Leaf Stage	Size (inches)
Barnyardgrass	R	R	3	1-3
Crabgrass,				
large	R	C	3	1-3
smooth	R	C	3	1-3
Cupgrass, woolly			3	1-3
Foxtail,				
giant	C	C	6	1-6
green	C	C	3	1-3
yellow	C	C	3	1-3
Goosegrass	R	R		
Johnsongrass,				
seedling	C	C	6	1-8
rhizome			R	6-12
Panicum,				
fali	R			
Texas	R			
Red rice			3	1-3
Shattercane	R	R	6	1-8
Signalgrass, broadleaf	R	C	4	1-6
SEDGES				
Nutsedge				
purple	C	C	3	1-3
yellow	C	C	3	1-3

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

Do not count cotyledon leaves when determining weed stage of growth.

AT CRACK APPLICATION refers to the time when the soil cracks due to the emerging peanut seedling. This generally occurs from 10 to 14 days following planting. At this time weeds have generally not germinated, or are in the seedling stage. If weeds have more than 2 true leaves, refer to the **POSTEMERGENCE** weed control column for weeds controlled.

In West Texas, New Mexico and Arizona, wait until late cracking (most of the peanuts have emerged) before applying PURSUIT.

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

WEEDS CONTROLLED BY SEQUENTIAL APPLICATIONS OF PURSUIT

The sequential (split) application of PURSUIT consists of an application of 2 ounces of product soil applied (either: preplant incorporated or preemergence) followed by 2 ounces applied either at ground-crack or postemergence.

When applied as a sequential treatment, PURSUIT will control the weeds listed under the "SOIL APPLIED" and "AT-CRACK" applications in the BROADLEAF WEEDS and GRASS WEEDS tables (in the peanut section of the label). It enhances the control of yellow and purple nutsedge. Apply the second application before the nutsedge exceeds 3 leaves.

HERBICIDE COMBINATIONS

GRASS WEEDS

When applied as directed, PURSUIT preplant incorporated or preemergence combination treatments with PROWL 3.3EC[®] herbicide, trifluralin, Lasso, Dual, Balan²⁵ Sonolan²⁵ or Vernam²⁶ will control the weeds listed in following table, in addition to those controlled by PURSUIT alone.

	PROWL 3.3EC ^a	trifluralin ^b	Lasso	Dual	Balan ^b	Sonalan ^b	Vernam ^b
GRASSES							
Barnyardgrass	X	X	X	X	X	X	X
Crabgrass, smooth	X	X	X	X	X	X	X
Crabgrass, large	X	X	X	X	X	X	X
Crowfootgrass	X	X			X		
Goosegrass	X	X	X	X	X	X	X
Panicum, fall	X	X	X	X	X	X	X
Panicum, Texas	X	X			X	X	
Sandbur, field	X	X			X	X	
Signalgrass, broadleaf	X ^b	X	X	X	X	X	
Witchgrass	X	X	X	X		X	

^a Preplant incorporated tank-mixture applications of PURSUIT plus PROWL 3.3EC will suppress the growth of itchgrass, and rhizome johnsongrass.

^b Preplant incorporated treatments only.

A selective postemergence grass herbicide such as Poast Plus, Bugle¹⁴ or Whip¹⁴ may be mixed with PURSUIT to control grasses not controlled by PURSUIT. In some cases the activity of the grass herbicide may be reduced when mixed with PURSUIT. The reduction in activity may be overcome by delaying the application of the postemergence grass herbicide 7 days following the application of PURSUIT. If the postemergence grass herbicide is applied first, wait 3 days before applying PURSUIT. Refer to the respective grass herbicide label for recommended application rate, weed size and restrictions.

BROADLEAF WEEDS

Broadleaf herbicides that can be tank-mixed with PURSUIT include Basagran and Blazer, Starfire and 2,4-DB. Certain herbicides should not be applied with PURSUIT (see Page 31 for restrictions).

For the control of sicklepod, morningglories, prickly sida and common ragweed, add 2,4-DB to the PURSUIT spray mixture. For the control of Florida beggarweed, add Starfire to the spray mixture. Refer to the 2,4-DB or Starfire label for specific directions for use, application rates and restrictions.

PURSUIT may also be applied postemergence in tank-mixture with Bravo¹⁵, Bravo S¹⁵ Orthene¹¹ or Solubor¹⁶

CROPS

RED KIDNEY BEANS - DIRECTIONS FOR USE

PURSUIT HERBICIDE USE AREA (RED KIDNEY BEANS)
(For use in California only)

Apply PURSUIT herbicide when weeds are actively growing and red kidney beans have at least 1 fully expanded trifoliolate leaf. DO NOT apply PURSUIT postemergence when the crop and weeds have been subjected to stress conditions such as temperature and moisture extremes.

For maximum weed control, cultivate 7-10 days following a postemergence PURSUIT application. This timely cultivation will enhance residual weed control, especially under dry conditions.

USE RATE
(3 OUNCES PER ACRE)

Apply PURSUIT at a broadcast rate of 3 ounces per acre postemergence only. At this broadcast rate, one gallon of PURSUIT will treat 42.7 acres of red kidney beans.

DO NOT apply by aerial application.

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

Allow at least 60 days between application and harvest.

WEEDS CONTROLLED

When applied as directed, PURSUIT will control or reduce competition from the weeds listed below. Refer to the MIXING INSTRUCTIONS section on page 6 for recommendations when weeds are at the maximum recommended growth stage, or are under stress.

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

WEEDS

Weeds Controlled	POSTEMERGENCE	
	Maximum Leaf Stage	Size (inches)
Kochia	4	1-3
Mustard, wild	4	1-3
Nightshade,		
black	4	1-3
Eastern black	4	1-3
hairy	4	1-2
Pigweed,		
redroot	4	1-3

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:
 - 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:
 - Alfalfa
 - 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

* 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.

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.

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PRECAUTIONS

IMI-Corn

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.

All soil insecticides, including labeled 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[®] 15G or THIMET[®] in combination with PURSUIT application. COUNTER[®] CR[®] may be used in furrow or banded. DO NOT USE COUNTER 15G soil insecticide 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 tolerance to PURSUIT and insecticide applications.

Soybeans

If soybeans are furrow irrigated, till the soil prior to planting winter wheat or barley. The beds should be broken up and the soil mixed with tillage equipment set to cut 4-6 inches deep.

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

PURSUIT applications should be made before soybean bloom.

Do not graze or feed treated soybean forage, hay or straw to livestock.

DO NOT tank-mix PURSUIT with clomazone containing herbicides (Command¹⁷ or Commence¹⁷) PURSUIT may be applied postemergence following a soil application of Command or Commence.

Peanuts

Do not graze or feed treated peanut forage, vines, hay or straw to livestock.

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

Note Classic may be applied postemergence to peanuts following a PURSUIT application. Refer to the Classic label for specific use recommendations.

DO NOT apply PURSUIT[®] PLUS or PASSPORT[®] to peanuts the same year as PURSUIT

General

Except where stated on a Supplemental Label or in this label, DO NOT apply products containing chlorimuron ethyl (Classic¹, Canopy¹, Gemini¹, Lorox Plus¹, Preview¹, etc.) imazaquin (SCEPTER[®], SQUADRON[®], TRI-SCEPT[®], SCEPTER[®] O.T.[®], SCEPTER[®] 70DG) or products containing imazethapyr (CONTOUR[®], PURSUIT[®] DG, PURSUIT[®] PLUS, PASSPORT[®]) the same year as PURSUIT or injury to follow crops may occur.

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

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

¹Classic, Bladex, Assure, Lexone, Lorox, Lorox Plus, Canopy, Gemini, and Preview are trademarks of E.I. duPont de Nemours & Co., Inc.

²Treflan, Balan and Sonolan are trademarks of DowElanco

³Poast, Basagran, Blazer, Galaxy, Storm, and Poast Plus are trademarks of BASF Corporation

⁴Fusilade 2000, Fusion, Reflex, Vemam, Gramoxone Extra and Starfire are trademarks of Zeneca, Inc.

⁵SUN-IT II is a trademark of Agsco, Inc.

⁶Banvel, Marksman, Clarity and Frontier are trademarks of Sandoz Crop Protection Corporation.

⁷Lasso, Roundup, Bronco and Bullet are trademarks of Monsanto Agricultural Company.

⁸Dual, Beacon, Bicep and Bicep Lite are trademarks of Ciba-Geigy Corporation.

⁹Buctril is a trademark of Rhone-Poulenc

¹⁰Sencor is a trademark of Miles Corporation

¹¹Cobra, Select and Orthene are trademarks of Valent Chemical Co.

¹²Option is a trademark of Hoechst-Roussel Agri-Vet Company.

¹³Linex is a trademark of Griffin Ag Products Co., Inc.

¹⁴Bugle and Whip are trademarks of Hoechst-Roussel Agri-Vet Company.

¹⁵Bravo and Bravo S are trademarks of Fermenta ASC Corp

¹⁶Solubor is a trademark of U.S. Borax & Chemical Corp.

¹⁷Command and Commence are trademarks of FMC Corporation.

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

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

ACCEPTED

JUN 15 1995

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 241-210

EPA Reg. No. 241-310

**FOR USE IN FIELD CORN
(APPLY ONLY ON IMI-CORN INBREDS)**

**USE DIRECTIONS FOR THE USE OF PURSUIT FOR WEED CONTROL IN
IMI-CORN INBREDS**

OBSERVE ALL PRECAUTIONARY STATEMENTS ON THE PURSUIT LEAFLET LABEL BEFORE USING. SEE THE PURSUIT LEAFLET LABEL FOR PRECAUTIONS, WORKER PROTECTION STANDARD REQUIREMENTS, 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 31, 1995.

GENERAL INFORMATION

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

PURSUIT can be applied as an early preplant, preplant incorporated, preemergence or postemergence treatment on IMI-Corn inbred.

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.

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.

Replanting: If replanting is necessary in a field previously treated with PURSUIT, the field may be replanted to IMI-Corn, soybeans, peanuts, lima beans or southern peas. Rework the soil no deeper than the treated zone. **DO NOT** apply a second treatment of PURSUIT herbicide.

MIXING INSTRUCTIONS

When tank-mixing PURSUIT with recommended herbicides, add the other herbicides and adjuvants in the following order, while agitating:

1. Fill spray tank 1/4 to 1/2 full with clean water.
2. Add PURSUIT and thoroughly mix.
3. Add other aqueous solution products.
4. Add soluble packet products and thoroughly mix.
5. Add WP (wetable powder), DG (dispersible granule), DF (dry flowable), or LF (liquid flowable) formulations.
6. Add EC (emulsifiable concentrate) products

**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), and postemergence. At this broadcast rate, one gallon of PURSUIT herbicide will treat 32 acres of IMI-Corn.

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

**PURSUIT HERBICIDE USE AREA
(Not for use in California)**

DO NOT apply PURSUIT herbicide to IMI-Corn in North Dakota or in Minnesota north of state highway 210.

**APPLICATION INSTRUCTIONS
POSTEMERGENCE**

Apply PURSUIT herbicide as a postemergence treatment to IMI-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). More restrictive crop growth stage limitations of tank-mix partners must be followed.

ADDITIVES:

POSTEMERGENCE APPLICATIONS OF PURSUIT REQUIRE THE ADDITION OF AN ADJUVANT AND A LIQUID FERTILIZER¹ 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 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 or other methylated seed oils at the rate of 1.5 - 2 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.

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.

DO NOT apply PURSUIT herbicide with liquid fertilizer as a carrier for postemergence applications.

SOIL APPLICATIONS

PURSUIT can be applied as an early preplant, preplant incorporated, or preemergence treatment in IMI-Corn.

PURSUIT can be applied to the soil in liquid fertilizers, alone or in combination with PROWL® 3.3EC, Lasso EC™, Lasso MT™ or Dual™. Follow all PURSUIT 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. Always test the compatibility of PURSUIT herbicide with the liquid fertilizer before mixing in the spray tank.

**SEQUENTIAL HERBICIDE
COMBINATIONS WITH PURSUIT**

**PURSUIT FOLLOWING EARLY PREPLANT
APPLICATION OF:**

2,4-D	Frontier™
Bicep™, Bicep Lite™	Gramoxone Extra™
Bullet™	Lasso EC
Bronco™	Lasso MT
Dual	Roundup™
Extrazine II™	

**PURSUIT FOLLOWING PREPLANT INCORPORATED
APPLICATION OF:**

Atrazine ²	Extrazine II
Bicep, Bicep Lite	Frontier
Bullet	Lariat™
Dual	Lasso EC, Lasso MT
Eradicane Extra™	Sutan+™

¹ PURSUIT applications may be made with a non-ionic surfactant only (liquid fertilizer not required) in the state of Arkansas, Bootheel of Missouri, Tennessee, South Carolina, Louisiana, Mississippi, Alabama, and Georgia.

² In some cases the grass activity of PURSUIT will be reduced when used in combination with atrazine, Buctril, Banvel, Basagran, Clarity, or Markman.

PURSUIT FOLLOWING PREEMERGENCE APPLICATION OF:

Atrazine	Clarity™,2
Banvel™,2	Dual
Bicep, Bicep Lite	Extrazine
Bladex™ 4L	Frontier
Bladex 90DF	Lariat
Bronco	Lasso EC, Lasso MT
Bullet	Marksman™,2
	PROWL 3.3 EC

TANK-MIX HERBICIDE COMBINATIONS WITH PURSUIT

EARLY PREPLANT APPLICATION OF PURSUIT TANK-MIXED WITH:

2,4-D	Gramoxone Extra
Bronco	Lasso EC
Dual	Lasso MT
Frontier	Roundup

PREPLANT INCORPORATED APPLICATION OF PURSUIT TANK-MIXED WITH:

Atrazine	Extrazine
Bicep, Bicep Lite	Frontier
Bullet	Lariat
Dual	Lasso EC, Lasso MT
Eradicane Extra	Sutan+

PREEMERGENCE APPLICATION OF PURSUIT TANK-MIXED WITH:

Atrazine	Clarity
Banvel	Dual
Bicep, Bicep Lite	Extrazine
Bladex 4L	Frontier
Bladex 90DF	Lariat
Bronco	Lasso EC, Lasso MT
Bullet	Marksman
	PROWL 3.3 EC

POSTEMERGENCE APPLICATIONS OF PURSUIT TANK-MIXED WITH:

Atrazine ³	Frontier
Banvel ⁴	Lasso EC, Lasso MT
Basagran™,2	Marksman
Buctril™,2,3	PROWL 3.3 EC
Clarity ⁴	Sencor DF™
Dual	Sencor 4L™

³ Some corn leaf burn may result with Buctril or atrazine post emergence combinations with PURSUIT
⁴ Applications of Banvel or Clarity herbicide to corn during periods of rapid growth may result in temporary leaning

DO NOT use crop oil concentrates as adjuvants in PURSUIT herbicide combinations with Banvel, Buctril, Clarity, Marksman, Sencor DF or Sencor 4L.

DO NOT tank-mix PURSUIT with Accent™ or Beacon™.

PURSUIT is active against many broadleaf and grass species. However, for long term weed management, alternate mode of action herbicides are recommended with PURSUIT. The application of a soil applied grass herbicide underlay will control grass weeds not on the PURSUIT label and enhance the control of certain broadleaf weeds such as common lambsquarters.

When PURSUIT herbicide 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.

AERIAL APPLICATIONS

Uniformly apply with properly calibrated aerial equipment in 5 or more gallons of water per acre. When applied POSTEMERGENCE, the addition of a non-ionic surfactant AND fertilizer solution are required for optimum weed control. Apply a non-ionic surfactant at the rate of 1 quart per 100 gallons of spray mixture OR a crop oil concentrate at the rate of 1.5 - 2 pints per acre AND a liquid fertilizer at the rate of 1 quart per acre. (See instructions under APPLICATION INSTRUCTIONS - POSTEMERGENCE).

To avoid injury to sensitive crops from drift, aerial applicators must adhere to the following SPECIAL AERIAL USE DIRECTIONS AND PRECAUTIONS.

- Nozzle height above ground must be a maximum of 10 feet.
- Nozzles must be pointed toward the rear of the aircraft. The downward angle of the nozzle should not be greater than 20 degrees.
- To minimize wing-tip vortex roll, nozzles or spray boom must not be located any closer to end of wing or rotor than three-fourths the distance from the center of the aircraft.
- Use a maximum spray pressure of 40 psi.
- A buffer zone must be established between the area to be sprayed and sensitive crops.
- DO NOT spray when wind velocity is greater than 5 mph. Coarse sprays (larger droplets) are less likely to drift

Applicator is responsible for any loss or damage which results from spraying PURSUIT in a manner other than recommended in this label. In addition, applicator must follow all applicable state and local regulations and ordinances in regard to spraying.

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

NOTE: C = Control R = Reduced Competition

BROADLEAF WEEDS

Weed Controlled	SOIL APPLIED	POSTEMERGENCE	
		Maximum Leaf Stage	Size (Inches)
Alligator weed		4	1-3
Anoda, spurred	C	2	1-2
Artichoke, Jerusalem		8	6-10
Buffalobur	C*	R	1-3
Bristly starbur		2	1-2
Carpetweed	C		
Cocklebur, common	R	8	1-8
Galinsoga	C		
Jimsonweed	C*	4	1-3
Kochia	C	4	1-3
Lambsquarters, common	C*	R	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	-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		
Pursley, Florida	C		
Sida, prickly	C*		
Ragweed, common	R	4	1-3
giant	R	4	1-3
Sage, barnyard		R	1-3
Smartweed, ladythumb	C	4	1-3
Pennsylvania	C	4	1-3

Spurge, prostrate	C	4	1-3
spotted	C	4	1-3
Sunflower	C*	4	1-3
Velvetleaf	C*	4	1-3
Thistle, Canada		R	1-3
Waterhemp, tall	C	4	1-3

*When PURSUIT is soil applied, these weeds are more consistently controlled by preplant incorporated treatments.

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

GRASS WEEDS

Weed 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
Goosegrass	R		
Johnsongrass, seedling	C	6	1-8
rhizome		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
Sorghum almum	R	6	1-3

SEDGES

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

*When PURSUIT is applied to grasses, preplant incorporated treatments of PURSUIT are more consistent.

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

ROTATIONAL CROPS

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

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

1. Anytime

Lima beans	Peanuts
Southern peas	IMI-Corn
Soybeans	

2. Four months after PURSUIT application:

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*
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4. Nine and one-half months after PURSUIT application:

Barley	Tobacco
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5. Eighteen months after PURSUIT application:

Alfalfa	Popcorn
Cotton	Safflower
Lettuce	Sorghum
Oats	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

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

*Several seed companies have tested a wide range of inbred. 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, IMI-Corn inbreds and hybrids, soybeans, lima beans, southern peas or peanuts can be replanted if PURSUIT herbicide was applied alone at rates labelled for these crops. If PURSUIT herbicide 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.

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

Imidazolinone tolerant inbreds from other seed companies may occasionally exhibit injury symptoms when soil insecticides are used in combination with PURSUIT. USE banded applications of COUNTER[®] 15G, COUNTER[®] 20CR[®] or THIMET[®] in combination with PURSUIT herbicide application; **DO NOT USE COUNTER 15G** soil systemic insecticide products in-furrow with imidazolinone tolerant inbreds. American Cyanamid has not tested all inbreds 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 inbred which may influence tolerance. Growers should contact the seed company for information regarding specific inbred 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.

PE-17235 Rev. 1 6/95 SD

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