

PH 25

241-310

6-3-97

10/41

JUN 3 1997

Janet M. Overholt
American Cyanamid Company
P.O. Box 400
Princeton, NJ 08543-0400

Dear Ms. Overholt:

Subject: Revised Labeling - Clarify Directions and Revise
Rotational Crop Guidelines
Pursuit Herbicide
EPA Registration No 241-310
Your Submission Dated May 22, 1997

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

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

- On page 13 there is a note "C = Control"; however, in the following chart starting on page 14 there is no "C" listed

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

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

Sincerely yours,



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

Enclosure

2 of 41

PURSUIT®
herbicide

FOR USE IN ALFALFA, FIELD CORN*, SOYBEANS AND PEANUTS

*(Apply only on IMI-CORN® seed 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 INGREDIENTS77.13%

TOTAL100.00%

** 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)

Patent No. 4,798,619
EPA Reg. No. 241-310

EPA Est. No.

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 973-683-3100.

See inside for additional precautionary statements

American Cyanamid Company
North America Agricultural Products Division
Crop Protection Products Department
One Campus Drive
Parsippany, NJ 07054 ©1997

Net Contents: 1 gallon
(3.78 liters)

ACCEPTED
<i>with Comments</i>
JUN 3 1997
<small>Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 241-310</small>

® Registered Trademarks of American Cyanamid Company

3041

TABLE OF CONTENTS

Ingredients.....	1
Statement of Practical Treatment	1
Precautionary Statements	4
Environmental Hazards	4
Directions for Use	4
Agricultural Use Requirements	5
Storage and Disposal.....	5
Disclaimer	6
General Information	6
Use Area	7
Mixing Instructions.....	7
Tank mix Combinations With Other Herbicides.....	8
Spraying Instructions.....	8
Ground Applications.....	8
PURSUIT Applications With a Low Volume Sprayer	9
Aerial Applications	9
Application Information	9
Postemergence.....	9
No-Till/Minimum Tillage and Double crop Soybeans	10
Soil Applications.....	10
Soil Applications with Liquid Fertilizers.....	10
Preemergence (Surface Applications).....	11
No-Till or Reduced Tillage	11
Preplant Incorporated Applications.....	11
Federal Conservation Reserve Program/Agricultural Reserve Program Land	12
Directions for Use.....	12
Alfalfa	
Use Rate	13
Weeds Controlled	13
Tank Mixture Combinations With Other Herbicides.....	16
Application Information.....	17
Stand Establishment.....	17
Inter-seeded Oats	17
Established Alfalfa - Dormant.....	17
Established Alfalfa - Growing.....	17
Perennial Grass Suppression	17
IMI-CORN	
Use Rate	18
Weeds Controlled	18
Tank-mix Herbicide Combinations With PURSUIT	21
Use in North Dakota and Northern Minnesota	22
Soybeans	
Use Rate	23
Weeds Controlled	23
Herbicide Combinations	26
Use in North Dakota and Northern Minnesota.....	30

4041

TABLE OF CONTENTS (Cont.)

Peanuts

Use Rate 31
Weeds Controlled 31
Weeds Controlled by Sequential Applications of PURSUIT..... 34
Herbicide Combinations 35
Rotational Crop Guideline..... 37
Exceptions to Rotational Crop Guideline 38
Precautions..... 39

50411

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.

60741

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.

CONTAINER DISPOSAL FOR BULK: Return empty container for reuse.

7041

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 amount 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 seed hybrids.

809111

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.

When organo-phosphate (such as Lorsban¹) or carbamate insecticides are tank-mixed with PURSUIT herbicide, temporary injury may result to the treated crops.

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. Under some conditions (such as heavy texture soil, high organic matter, low pH or low rainfall) PURSUIT may cause injury to subsequent planted crops. Vegetable crops and particularly sugar beets are sensitive to PURSUIT residues in the soil.

Naturally occurring biotypes* of some of the weeds listed on this label may not be effectively controlled by this and/or other products with either the ALS/AHAS enzyme inhibiting mode of action. Other herbicides with the ALS/AHAS enzyme inhibiting mode of action include the sulfonylureas (e.g., Accent², Basic², Classic², Concert², Exceed³, Permit⁴, Pinnacle², etc.), the sulfonamides (e.g., Broadstrike¹, etc.) and the pyrimidyl benzoates (e.g. Staple², etc.). If naturally occurring ALS/AHAS resistant biotypes are present in a field, Pursuit and/or any other ALS/AHAS enzyme inhibiting mode of action herbicide should be tank-mixed or applied sequentially with an appropriate registered herbicide having a different mode of action to ensure control.

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

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.

USE AREA

PURSUIT may be used in the following states: Colorado, New Mexico, North Dakota, Oklahoma, South Dakota, Texas, Wyoming (following counties only: Sublette, Lincoln, Uinta, Sweetwater, Carbon, Natrona, Albany, Platte, Laramie, Goshen, Converse, and Niobrara) and states east of these states.

MIXING INSTRUCTIONS

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

I. ADJUVANTS

CROP OIL CONCENTRATE: A petroleum or vegetable seed based oil concentrate (such as SUN-IT II⁵) may be used. Methylated seed oils, such as SUN-IT II are 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.

OR

98441

SURFACTANTS: Instead of an oil concentrate, a non-ionic surfactant containing at least 80% active ingredient. Apply the surfactant at the rate of 1 quart per 100 gallons of spray mixture. An organo-silicone surfactant or dry surfactant may be used in place of a non-ionic surfactant.

AND

II. 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-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 1/2 full with clean water.
- 2) Add soluble packet products and thoroughly mix.
- 3) Add WP (wetttable 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.

10841

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 on IMI-CORN, do not exceed 40 psi sprayer pressure.

AERIAL APPLICATION

PURSUIT herbicide may be applied by air only to alfalfa, soybeans and IMI-CORN. 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 solution OR a crop oil concentrate at the rate of 1.25 gallons per 100 gallons of spray solution AND a liquid fertilizer at the rate of 1 quart per acre. (See instructions under APPLICATION INFORMATION - 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

110441

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 crop oil concentrate or a surfactant) and a nitrogen-based fertilizer must be added to the spray solution for optimum weed control activity. See the ADJUVANTS section under MIXING INSTRUCTIONS for specific instructions.

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.

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

NO-TILL/MINIMUM TILLAGE AND DOUBLE CROP 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 double crop 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® 3.3EC, Frontier⁶ Lasso⁴ or Dual³ 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, Gramoxone⁷ Extra, Starfire⁷, Roundup⁴ 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. If crops are planted on beds, apply and incorporate after bed formation using PTO-driven equipment or a rolling cultivator. 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.

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.

13041

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.

*NOTE: Cover crops may also be planted into fields previously treated with PURSUIT for weed control in soybeans. In this case, do not make a PURSUIT application to the cover crop until the following spring.

POSTEMERGENCE APPLICATIONS OF PURSUIT TO CRP COVER CROPS.

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.

14 of 41

CROPS

ALFALFA - DIRECTIONS FOR USE

**USE RATE
(3 - 6 OUNCES PER ACRE)**

Apply PURSUIT at a broadcast rate of 3 to 6 ounces per acre postemergence only.

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

DO NOT apply PURSUIT at more than 4 ounces per acre in North Dakota or Minnesota north of highway #210.

Do not apply more than 4 ounces of product to alfalfa during the last year of the stand.

SEEDLING ALFALFA

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

ESTABLISHED ALFALFA

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

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

WEEDS CONTROLLED

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

NOTE: C = Control, R = Reduced Competition

Weeds noted with an "R" will be suppressed by PURSUIT. For best results, apply before the weeds exceed the size indicated below.

15 of 41

BROADLEAF WEEDS CONTROLLED

Weeds Controlled

PURSUIT APPLICATION RATE

3 Oz/A 4 Oz/A 6 Oz/A

Maximum Weed Size (Inches)

Weeds Controlled	3 Oz/A	4 Oz/A	6 Oz/A
Artichoke, Jerusalem	R	6	8
Beets, wild	4	5	6
Bedstraw, catchweed		3	4
Buckwheat, wild		3	4
Chickweed			
common	R	3	4
mouseear	R	3	3
Cocklebur, common	R	8	8
Dandelion		R	R(5)
Dock,			
broadleaf (seedling)			R(6)
curly (seedling)			R(6)
Fiddleneck			R(4)
Filaree			
redstem		R	3
whitestem		R	3
Flixweed	R	3	4
Goosefoot, nettleleaf	R	3	4
Grousel, common			R(3)
Henbit		R	3
Jimsonweed		3	4
Knotweed, prostrate		R	3
Kochia	R	3	3
Lambsquarter,			
common (1-2 leaves)		R	R(2)
Lettuce, miners		3	4
Mallow,			
common		3	3
little		3	3
Marshelder		4	6
Morningglory,			
entireleaf		R	3
ivyleaf		R	3
pitted		R	3
smallflower	R	3	4
tall		R	3
Mustards			
tumble	3	3	4
wild	3	3	4
black	3	3	4
Nettle, burning		3	4

116041

BROADLEAF WEEDS CONTROLLED - Continued

Weeds Controlled	PURSUIT APPLICATION RATE		
	3 Oz/A	4 Oz/A	6 Oz/A
	Maximum Weed Size (Inches)		
Nightshade			
black	3	3	4
Eastern black	3	3	4
hairy	3	3	4
Oxtongue, bristly			R(3)
Pennycress, field	3	3	4
Pepperweed,			
field	3	3	4
Virginia	R	3	3
Pigweed			
redroot	4	6	8
smooth	4	6	8
spiny		6	8
Radish, wild		R	4
Ragweed			
common		2	3
giant		3	3
Redmaids		3	4
Rocket			
London	3	4	6
yellow	R	3	4
Rockpurslane, desert			3
Shepherdspurse	3	3	4
Smartweed			
ladysthumb	R	3	4
Pennsylvania	R	3	4
swamp (seedling)		3	4
Spurge			
prostrate		R	3
spotted		R	3
petty		3	4
Spurry, corn		3	3
Sunflower, common	R	4	6
Swinecress		3	3
Tansymustard			
green	3	3	4
pinnate	3	3	4
Thistle, Russian	R	3	3
Velvetleaf	R	3	4
Wartcress, creeping		2	3
Watercress		3	3
Willowweed, panicle		3	3

17041

GRASSES AND SEDGES CONTROLLED

Weeds Controlled*	PURSUIT APPLICATION RATE	
	4 Oz/A	6 Oz/A
Maximum Weed Size (Inches)		
Barnyardgrass	R	3
Bluegrass, annual		R(3)
Canarygrass, littleseed	R	R(3)
Cereals, volunteer		
barley	R	R(4)
oats	R	R(4)
wheat	R	R(4)
Crabgrass,		
large	R	3
smooth	R	3
Cupgrass, woolly**	3	3
Foxtail,		
giant	6	6
green	3	3
yellow	3	3
Johnsongrass,		
seedling	8	8
rhizome	R	R(6-12)
Millet, wild proso	R	3
Nutsedge,		
yellow	R	R(6)
purple	R	R(6)
Oats, wild	R	R(4)
Rice, red	3	4
Shattercané	8	10
Signalgrass, broadleaf	R	8
Quackgrass ***		R(7)

* PURSUIT is active against many grass species. However, when heavy grass pressure is anticipated, PURSUIT should be used in a sequential application with a registered postemergence grass herbicide such as Poast Plus⁸ for optimum control.

** PURSUIT controls emerged woolly cupgrass only.

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

TANK MIX COMBINATIONS WITH OTHER HERBICIDES

To control weeds not listed on the PURSUIT label, herbicides such as Buctril⁹, 2,4-DB, Poast⁸ or Poast Plus may be tankmixed with PURSUIT. When PURSUIT is used in combination with another herbicide, refer to the respective label for rates, methods of application, proper timing, weeds controlled, restrictions and precautions. Always use in accordance with the more restrictive label restrictions and precautions. No label dosages should be exceeded.

18041

APPLICATION INFORMATION

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

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

If applied to alfalfa under cool conditions (40° or less), temporary stunting and yellowing of the alfalfa may occur.

STAND ESTABLISHMENT

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

Inter-seeded Oats

Oats inter-seeded with alfalfa will reduce soil erosion and allow the alfalfa to establish. Oats, however can compete with the alfalfa. An application of PURSUIT will kill or significantly reduce the growth of the oats and allow the alfalfa to establish with minimal erosion or competition from the oats. Apply PURSUIT to the oats when the oats have 3-4 leaves.

ESTABLISHED ALFALFA - DORMANT

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

ESTABLISHED ALFALFA - GROWING

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

Perennial Grass Suppression

If perennial grasses (such as orchardgrass, fescues, bromes or timothy) are present in an alfalfa stand, PURSUIT will reduce the growth and competitive effect of the grass.

190741

IMI-CORN® SEED HYBRIDS - DIRECTIONS FOR USE

PURSUIT HERBICIDE USE AREA (IMI-CORN)

(Not for use in New York)

**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. (See instructions on page 22 for applications in North Dakota and Minnesota north of highway #210).

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 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
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

* 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.

2/2/41

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

* Preplant incorporated treatments of PURSUIT are more consistent for grass control.

**PURSUIT controls many grass species. However, when heavy grass pressure is anticipated, a soil applied grass herbicide underlay (such as PROWL, Dual, Eradicane⁷, Frontier, Harness⁴, Lasso, or Surpass⁷) is recommended for optimum control. DO NOT incorporate PROWL herbicide; apply preemergence or early postemergence only. PURSUIT may also be used in sequential programs with registered burndown herbicides and/or soil applied atrazine-containing products.

22/11

TANK-MIXTURE HERBICIDE COMBINATIONS WITH PURSUIT (Postemergence)

Accent ^Δ	Dual
Atrazine ^{*,**}	Frontier
Banvel ^{*,***}	Lasso EC, Lasso MT
Basagran ^{8,*}	Marksman [*]
Buctril ^{*,**}	PROWL 3.3 EC
Clarity ^{*,***}	

DO NOT use crop oil concentrates as adjuvants in PURSUIT combinations with Buctril.

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.

- ^Δ If Accent is used in combination with PURSUIT on Pioneer imidazolinone-resistant (IR) corn, any registered soil insecticide applications may be used. If PURSUIT plus Accent tank-mixes are used on imidazolinone -tolerant (IT) hybrids, DO NOT use COUNTER[®] 15G. Other registered organophosphate insecticides such as COUNTER[®] CR[®] (banded applications only) or THIMET[®] or other registered carbamate or pyrethroid insecticides may be used when PURSUIT plus Accent tankmixes are applied to IT corn hybrids.
- ^{*} 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.

230441

**APPLICATIONS TO IML-CORN® SEED HYBRIDS IN NORTH DAKOTA AND MINNESOTA
(north of highway #210).**

Application Rate:
Apply PURSUIT at 3 ounces per acre postemergence only.

Weeds Controlled	POSTEMERGENCE	
	Maximum Leaf Stage	Size (inches)
Kochia	4	1-3
Mustard, species	4	1-3
Nightshade,		
black	4	1-3
Eastern black	4	1-3
hairy	4	1-3
Pigweed, redroot	4	1-4
Wild oats*	3	1-4

*PURSUIT will reduce competition from wild oats.

24/41

SOYBEANS - DIRECTIONS FOR USE

**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. (See instructions under section APPLICATIONS TO SOYBEANS IN NORTH DAKOTA AND MINNESOTA for applications in North Dakota and Minnesota north of highway #210).

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 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).

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

25/41

BROADLEAF WEEDS
SOIL APPLIED

POSTEMERGENCE

Maximum Leaf Stage **Size (inches)**

Weeds Controlled

Weeds Controlled		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

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

26 of 41

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

* Preplant incorporated treatments of PURSUIT are more consistent for grass control.

** 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 (such as PROWL herbicide) for optimum control (See HERBICIDE COMBINATIONS section).

***PURSUIT only controls emerged woolly cupgrass

27 of 41

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 common 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, TRI-4®, trifluralin, 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.

28041

A selective postemergence grass herbicide such as PRESTIGE⁸, Select¹⁰, Poast Plus, Fusilade⁷ 2000, Fusilade⁷ DX, Fusion⁷, Assure² or Option¹¹ may be mixed with PURSUIT to control volunteer corn or grasses not controlled by PURSUIT. For best results use SUN-IT II (1.5 - 2 pints per acre) or a crop oil concentrate AND liquid fertilizer (1-2 quarts per acre) with grass herbicide tank-mixtures.

PURSUIT + PRESTIGE For Enhanced Grass Control

Apply PURSUIT at the rate of 4 ounces per acre. Refer to the table below for the appropriate rate of PRESTIGE herbicide for enhanced grass control. The addition of PRESTIGE to PURSUIT at the recommended rates will control the grasses listed below. (Refer to the PRESTIGE label for additional weeds controlled).

PRESTIGE Rate * (ounces per acre)	Annual Grasses Controlled	Size (inches)
12 oz.	Wild Proso Millet	4-10"
	Shattercane	3-12"
16 oz.	Foxtail, Giant	3-8"
	Junglerice	3-8"
	Panicum, Fall	3-8"
	Texas	3-8"
	Signalgrass, Broadleaf	3-8"
20 oz.	Volunteer Corn	4-10"
24 oz.	Barnyardgrass	3-8"
	Crabgrass, Large	3-6"
	Smooth	3-6"
	Cupgrass, woolly	3-8"
	Foxtail, Green	3-8"
	Yellow	3-8"
	Goosegrass	3-6"
	Johnsongrass, Seedling	3-8"
	Sprangletop, Red	3-8"
	Witchgrass	3-8"

*If a mixture of grasses are present, use the highest rate indicated for the grasses present.

The addition of PRESTIGE herbicide to PURSUIT enhances the grass control, especially when heavy infestations of grass exist. It also provides control of grasses not controlled by PURSUIT. In some cases the activity of PRESTIGE may be reduced when mixed with PURSUIT. The reduction in activity may be overcome by delaying the application of PRESTIGE herbicide 7 days following the application of PURSUIT. If PRESTIGE is applied first, wait 3 days before applying PURSUIT.

For optimum control, apply the tank mixture to actively growing weeds at the sizes indicated in the table above, (for sequential applications refer to application rates and weeds sizes indicated in the PURSUIT and PRESTIGE labels). Refer to the PRESTIGE label for additional information regarding application rates, restrictions, precautions, weeds controlled, adjuvants recommended and other information.

BROADLEAF WEEDS

Broadleaf herbicides that can be tank-mixed with PURSUIT include STATUS⁸, Basagran, Blazer⁸, Bronco⁴, Cobra¹⁰, Galaxy⁸, Gramoxone Extra, Roundup, Storm⁸ or Reflex⁷. Certain herbicides should not be applied with PURSUIT (see PRECAUTIONS section).

29041

PURSUIT + STATUS For Enhanced Control of Common Ragweed and Pigweeds (including tall and common waterhemp).

The addition of STATUS to PURSUIT at the recommended rates will enhance the control of several broadleaf weeds, including common and giant ragweed, pigweed species and waterhemp. (Refer to the STATUS label for additional weeds controlled.)

When tank-mixing STATUS with PURSUIT, apply PURSUIT at the rate of 4 ounces per acre. Apply STATUS at the following rates, depending on weed size:

Weeds/Weed Size	STATUS Rate (ounces per acre):*		
	8 - 10 oz.	12 - 14 oz.	16 - 20 oz.
Common ragweed Pigweed species, Waterhemp, tall common	1 - 4"	4 - 6"	6 - 8"
Giant Ragweed		1 - 6"	6 - 8"***

* Use the higher rate if common ragweed is present or the weed population is high.

** Use the 20 ounce/acre rate if giant ragweed is 6 - 8 inches tall.

STATUS Sequential Application Rates

When applying STATUS following a PURSUIT application (sequential), apply STATUS at the following rates:

Weeds/Weed Size	STATUS Rate (ounces per acre):*		
	10 - 12 oz.	14 - 16 oz.	18 - 24 oz.
Common ragweed Pigweed species, Waterhemp, tall common	1 - 4"	4 - 6"	6 - 8"
Giant Ragweed		1 - 6"	6 - 8"***

* Use the higher rate if common ragweed is present or the weed population is high.

** Use the 24 ounce/acre rate if giant ragweed is 6 - 8 inches tall.

Blazer, Reflex, or Cobra may be used in tank-mixture with PURSUIT instead of STATUS for enhanced control of common ragweed or pigweeds. Refer to the Blazer, Reflex or Cobra labels for application rates and weed size recommendation.

30041

PURSUIT + Concert or Pinnacle For Enhanced Control of Common Lambsquarters.

For optimal weed control management, apply a soil applied grass herbicide such as PROWL[®], TRI-4[®], or Treflan¹ followed by PURSUIT postemergence. If common lambsquarters are not adequately controlled by the soil applied treatment, Concert, Concert SP, or Pinnacle herbicide may be tank-mixed with PURSUIT for additional activity.

The addition of Concert, Concert SP, or Pinnacle herbicides to PURSUIT may cause severe injury and/or stunting to soybeans, especially when applied under hot, humid conditions. The USER ASSUMES ALL RISKS AND CONSEQUENCES associated with applications of this tank-mixture to soybeans.

When tank-mixing Concert or Pinnacle with PURSUIT, use the following rates:

PURSUIT - 4 ounces per acre

AND

Concert - 0.25 ounce per acre

OR

Concert SP - 0.25 ounce per acre (one 2 ounce soluble pack treats 8 acres).

OR

Pinnacle - 0.125 ounce per acre

Add to the spray mixture:

Non-ionic surfactant - 1 quart per 100 gallons (0.25% v/v)

AND

Liquid nitrogen based fertilizer (such as 28%N, 32%N, or 10-34-0) at the rate of 1-2 quarts per acre. Instead of a liquid fertilizer, spray grade ammonium sulfate may be used at the rate of 2.5 lbs./acres.

Apply to 1-3 trifoliolate stage soybeans only.

Other Tankmixture Combinations

PURSUIT + SCEPTER for Volunteer Corn and Common Sunflower

The application of PURSUIT plus SCEPTER or SCEPTER DG may be applied to states or portions of states described as Region 2 or Region 3 on the SCEPTER or SCEPTER DG labels, and the following counties in South Dakota: Yankton, Bon Homme, Hutchinson, McCook, Hanson, Davison, Miner, Lake and Kingsbury. Refer to the respective labels for the recommended use area. Do not use this tank mixture in North Dakota or in Minnesota north of state highway #210.

Apply the products at the following rate:

PURSUIT

4 oz/A*

AND

SCEPTER

2 oz/A (liquid)

OR

SCEPTER DG

0.53 oz/A**

* At the rate of 4 ounces per acre, one gallon of PURSUIT will treat 32 acres.

** At the rate of 0.53 ounces per acre, one 14 ounce soluble bag of SCEPTER DG will treat 26.4 acres.

The tank mixture of PURSUIT plus SCEPTER or SCEPTER DG will suppress volunteer corn. Apply to volunteer corn up to 10 inches in height. The tank-mixture of PURSUIT and SCEPTER or SCEPTER DG will enhance the control of common sunflowers. Apply to sunflowers up to 3 inches in size. Refer to the SCEPTER or SCEPTER DG label for additional weeds controlled.

A postemergence application of PURSUIT plus SCEPTER products will NOT suppress volunteer IMI-CORN® seed hybrids (field corn hybrids which possess tolerance or resistance to imidazolinone herbicides i.e., PURSUIT and SCEPTER).

PURSUIT + Metribuzin or Linuron Containing Products

PURSUIT may be applied either preplant incorporated or preemergence in tank-mix combination with metribuzin (Sencor¹² or Lexone²) or preemergence with linuron (Lorox² 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.

- When tank-mixing herbicides, always follow the most restrictive label.

APPLICATIONS TO SOYBEANS IN NORTH DAKOTA AND MINNESOTA (north of highway #210).

Application Rate:

Apply PURSUIT at 3 ounces per acre postemergence only.

Weeds Controlled	POSTEMERGENCE	
	Maximum Leaf Stage	Size (inches)
Cocklebur, common*	4	1-4
Kochia	4	1-3
Mustard, species	4	1-3
Nightshade,		
black	4	1-3
Eastern black	4	1-3
hairy	4	1-3
Pigweed, redroot	4	1-4
Wild oats**	3	1-4

*For control of common cocklebur, add STATUS herbicide at the rate of 12 ounces per acre to the spray solution.

**PURSUIT will reduce competition from wild oats.

320/41

**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. 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 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	AT-CRACK	POSTEMERGENCE	
			Maximum Leaf Stage	Size (inches)
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

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

340/41

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,				
fall	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 and New Mexico, 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

35 of 41

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.

310041

HERBICIDE COMBINATIONS

GRASS WEEDS

When applied as directed, PURSUIT preplant incorporated or preemergence combination treatments with PROWL 3.3EC[®] herbicide, trifluralin, Lasso, Dual, Balan¹ Sonolan¹ or Vernam⁷ 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	Sonolan ^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, Bugle¹¹ or Whip¹¹ 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.

370/41

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 PRECAUTIONS section 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 Bravo¹⁴, Bravo S¹⁴, Orthene¹⁰ or Solubor¹⁵

38941

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	Soybeans
Southern peas	Peanuts
IMI-CORN® seed hybrids (resistant/tolerant to PURSUIT)	
2. Four months after PURSUIT application:
 - Alfalfa
 - Rye
 - Wheat
 - Edible beans and peas (other than lima beans and Southern peas)
3. Eight and one-half months after PURSUIT application:
 - Field corn
 - Field corn grown for seed
4. Nine and one-half months after PURSUIT application:
 - Barley
 - Tobacco
5. Eighteen months after PURSUIT application:

Cotton	Safflower
Lettuce	Sorghum
Oats	Sunflower
Popcorn	Sweet corn
6. Twenty six months after PURSUIT application.
 - Potatoes
 - Flax
7. Forty months after PURSUIT application.
 - All crops not listed elsewhere in this ROTATIONAL CROP GUIDELINE**

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

Sugarbeet production can be reduced when grown in soil conditions with a pH less than 6.5. If the field is limed to adjust pH prior to planting rotational crops not listed in the ROTATIONAL CROP GUIDELINE, apply the lime at least 12 months prior to planting the rotational crop.

39041

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.

EXCEPTIONS TO ROTATIONAL CROP GUIDELINE

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

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

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

Corn inbred lines: Corn inbred seed lines may be planted the year following an application of PURSUIT. 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.

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

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

40041

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. DO NOT USE COUNTER® 15G systemic insecticide-nematicide in-furrow with imidazolinone tolerant corn hybrids. Other registered organophosphate insecticides such as banded applications of COUNTER 15G, COUNTER® CR® or THIMET® soil and systemic insecticide, or in-furrow applications of COUNTER CR or other registered carbamate or pyrethroid insecticides may be used in combination with PURSUIT applications. 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.

Alfalfa

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

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 (Command¹⁶ or Commence¹⁶). 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.

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 EC or PASSPORT® to peanuts the same year as PURSUIT.

41 of 41

General (all crops)

Except where stated on a Supplemental Label or in this label, DO NOT apply products containing chlorimuron ethyl (Classic, Canopy², Synchrony², Gemini², Lorox Plus², Preview², etc.) flumetsulam (Broadstrike + Dual, Broadstrike + Treflan, Broadstrike Plus Corn), imazaquin (SCEPTER[®], SQUADRON[®], TRI-SCEPT[®], SCEPTER[®] O.T.[®], SCEPTER[®] 70DG, or DETAIL[®]) or products containing imazethapyr (CONTOUR[®], RESOLVE[®], PURSUIT[®] DG, PURSUIT[®] PLUS EC, or 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.

¹Broadstrike, Treflan, Balan, Sonolan and Lorsban are trademarks of DowElanco

²Accent, Basic, Classic, Concert, Pinnacle, Staple, Synchrony, Assure, Lexone, Lorox,

Lorox Plus, Canopy, Gemini, and Preview are trademarks of E.I. duPont de Nemours & Co., Inc.

³Exceed and Dual are trademarks of Ciba-Geigy Corporation.

⁴Permit, Lasso, Roundup, Harness and Bronco are trademarks of Monsanto Agricultural Company.

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

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

⁷Fusilade 2000, Fusilade DX, Fusion, Eradicane, Surpass, Reflex, Vernam, Gramoxone Extra and Starfire are trademarks of Zeneca, Inc.

⁸Poast, Poast Plus, Basagran, Blazer, Galaxy, Storm, STATUS and PRESTIGE are trademarks of BASF

Corporation

⁹Buctril is a trademark of Rhone-Poulenc

¹⁰Cobra, Select and Orthene are trademarks of Valent Chemical Co.

¹¹Option, Bugle and Whip are trademarks of AgrEvo USA Company.

¹²Sencor is a trademark of Bayer Corporation

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

¹⁴Bravo and Bravo S are trademarks of Fermenta ASC Corp.

¹⁵Solubor is a trademark of U.S. Borax & Chemical Corp.

¹⁶Command and Commence are trademarks of FMC Corporation.

^{®/™}Trademarks of American Cyanamid Company.

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

American Cyanamid Company
North America Agricultural Products Division
Crop Protection Products Department
One Campus Drive
Parsippany, NJ 07054 ©1997