

PM 25 241-331

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

JAN 25 1994

Desiree L. Little
AMERICAN CYANAMID COMPANY
AGRI RESEARCH DIV
P. O. Box 400
Princeton, NJ 08543

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Subject: Label Amendment Submission of 09/09/93 in Response to PR Notice 93-7
EPA Reg. No. 241-331
PURSUIT PLUS EC HERBICIDE

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is accepted. A copy of your proposed labeling stamped "ACCEPTED WITH COMMENTS" is enclosed.

WHAT THIS ACCEPTANCE MEANS:

Based on your certification, the Agency has accepted the labeling changes that are necessary to comply with the Worker Protection Standard (WPS) labeling requirements of 40 CFR part 156, subpart K, described in PR Notices 93-7 and 93-11. Any other labeling changes submitted in connection with this amendment application but not directly related to compliance with the WPS have not been reviewed or accepted by the Agency. If you wish to make such changes, you must submit a separate amendment application proposing them. If your product is currently suspended, the acceptance of this labeling amendment does not affect the suspension in any way.

WHAT YOU NEED TO DO NEXT:

Send to EPA one (1) copy of the final printed labeling:

- BEFORE selling or distributing any product bearing the final printed labeling
- AND
- WITHIN one year from date of this acceptance.



Recycled/Recyclable
Printed with Soy/Canola Ink on paper that
contains at least 50% recycled fiber

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PURSUIT® PLUS EC
herbicide
Soil Applied

ACCEPTED
with COMMENTS
in EPA Letter Dated

JAN 25 1994
Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
241-331

FOR USE IN SOYBEANS

ACTIVE INGREDIENTS:

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

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

*Contains petroleum distillates

EPA Reg. No. 241-331

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

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

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

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

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

See Next Page for Additional Precautionary Statements

American Cyanamid Company
Agricultural Products Division
Crop Protection Chemicals Department
Wayne, NJ 07470 ©1993

Net Contents: 2.5 gallons
(9.45 liters)

•Registered Trademark of American Cyanamid Company

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**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS**

CAUTION

Harmful if swallowed or absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing.

Personal Protective Equipment (PPE):

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category G on an EPA chemical resistance category selection chart.

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves, such as barrier laminate or viton \geq 14 mils
- 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.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. DO NOT apply directly to water or to areas where surface water is present or to intertidal areas below the mean high water mark. Drift and runoff from treated areas may be hazardous to aquatic organisms in adjacent aquatic sites. DO NOT contaminate water when disposing of equipment washwaters.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

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 in this leaflet. Do not use PURSUIT PLUS EC other than in accordance with the instructions set forth on this label. The

use of PURSUIT PLUS EC not consistent with this label can result in injury to crops, animals, or persons. Keep container closed to avoid spills and contamination.

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

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 12 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
- Chemical resistant gloves, such as barrier laminate or viton \geq 14 mils
- Shoes plus socks

STORAGE AND DISPOSAL

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

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

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

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

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

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

Occasionally, internode shortening and/or temporary yellowing of soybean plants may occur following PURSUIT PLUS EC applications. This will not affect soybean yields.

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

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MIXING INSTRUCTIONS

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

When PURSUIT PLUS EC is tank-mixed with paraquat or Roundup¹, add PURSUIT PLUS EC to the tank first, next add PROWL[®] herbicide (if used), then add paraquat or Roundup. When paraquat is included in a tank-mixture, add 8 ounces of non-ionic surfactant per 100 gallons of spray mixture as the last ingredient in the tank.

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

HERBICIDE COMBINATIONS

PURSUIT PLUS EC may be applied either preplant, preplant incorporated or preemergence in tank-mix combination with metribuzin (Sencor² or Lexone³) or preemergence with linuron (Lorox³ or Linex⁴). PURSUIT PLUS EC may also be applied preplant incorporated, followed by a preemergence application of metribuzin or linuron. The tank-mix or sequential application of PURSUIT PLUS EC and metribuzin will enhance the control of common cocklebur and common ragweed in addition to the weeds controlled by a soil application of PURSUIT PLUS EC. The addition of linuron to PURSUIT PLUS EC will enhance the control of common ragweed.

Under conditions of heavy grass pressure, the addition of a grass herbicide such as PROWL or trifluralin may be tank-mixed with PURSUIT PLUS EC.

See recommendation for addition of Roundup or paraquat to the spray solution under the NO-TILL OR REDUCED TILLAGE section.

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

¹Roundup is a trademark of Monsanto Agricultural Products Company.

²Sencor is a trademark of Mobay Corporation.

³Lexone and Lorox are trademarks of E.I. duPont de Nemours and Company.

⁴Linex is a trademark of Griffin Ag Products Co., Inc.

[®]Registered trademark of American Cyanamid Company.

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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, sugarbeets, and cotton.

GROUND APPLICATIONS:

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

APPLICATIONS WITH LIQUID FERTILIZER:

PURSUIT PLUS EC can be applied to the soil in liquid fertilizers, alone or in combination with PROWL, trifluralin, Lasso⁵ or Dual⁶. Follow all PURSUIT PLUS EC 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 PLUS EC with liquid fertilizer before mixing in the spray tank.

APPLICATIONS WITH DRY BULK FERTILIZER:

PURSUIT PLUS EC may be impregnated on dry bulk fertilizers. When applied as directed, PURSUIT PLUS EC/dry bulk fertilizer mixtures provide weed control equal to that provided by the same rates of PURSUIT PLUS EC applied in water or liquid fertilizer.

Follow all PURSUIT PLUS EC label recommendations regarding application and incorporation, special instructions and precautions. Apply PURSUIT PLUS EC/dry bulk fertilizer mixtures only with ground equipment.

All individual state regulations relating to dry bulk fertilizer, registration, labeling, and application are the responsibility of the individual and/or company selling the PURSUIT PLUS EC/dry bulk fertilizer mixtures.

A minimum of 200 pounds and a maximum of 450 pounds of dry bulk fertilizer impregnated with the recommended amount of PURSUIT PLUS EC must be applied per acre.

DO NOT impregnate PURSUIT PLUS EC onto coated ammonium nitrate or limestone because these materials will not absorb the herbicide. Dry fertilizer blends containing mixtures of ammonium nitrate or limestone may be impregnated with PURSUIT PLUS EC. A minimum of 200 pounds of impregnated dry bulk fertilizer, excluding the weight of ammonium nitrate or limestone, must be applied per acre.

Apply PURSUIT PLUS EC at the rate of 2-1/2 pints per acre. Use the following table to determine the amount of PURSUIT PLUS EC to be impregnated on a ton of dry bulk fertilizer based on the rate of fertilizer which will be applied per acre.

⁵Lasso is a trademark of Monsanto Agricultural Products Company.

⁶Dual is a trademark of Ciba Geigy Corporation.

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RATE CHART FOR IMPREGNATION OF DRY BULK FERTILIZER WITH PURSUIT PLUS EC
(Pints of PURSUIT PLUS EC per Ton of Fertilizer)

<u>PURSUIT PLUS EC Rate</u> <u>Per Acre</u>	<u>Fertilizer Rate</u> <u>pounds per acre</u>	<u>Pints per Ton</u>
2-1/2 pints	200	25
	250	20
	300	16-2/3
	350	14-1/3
	400	12-1/2
	450	11

For those rates not listed in this table, calculate the pints of PURSUIT PLUS EC to be impregnated on a ton of dry bulk fertilizer using the following formula:

$$\frac{2000}{\text{Pounds of dry fertilizer per acre}} \times \frac{2-1/2 \text{ Pints of PURSUIT PLUS EC per acre (recommended rate)}}{1} = \text{Pints of PURSUIT PLUS EC per ton of fertilizer}$$

To impregnate PURSUIT PLUS EC on bulk fertilizer, use a closed rotary-drum mixer or other commonly used dry bulk fertilizer blender equipped with suitable spray equipment. Spray nozzles must be placed to provide uniform coverage of PURSUIT PLUS EC onto the fertilizer during mixing.

If PROWL is to be combined with the PURSUIT PLUS EC prior to impregnation, premix the PROWL with an equal volume of water before adding it to the PURSUIT PLUS EC. DO NOT mix undiluted PROWL with PURSUIT PLUS EC.

Apply the PURSUIT PLUS EC/dry bulk fertilizer mixture with an accurately calibrated dry fertilizer spreader. The PURSUIT PLUS EC/dry bulk fertilizer mixture must be spread uniformly on the soil surface. Uneven spreading can cause poor weed control and crop injury.

Refer to PREPLANT INCORPORATED APPLICATIONS section of this label for incorporation directions.

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AERIAL APPLICATIONS:

Uniformly apply with properly calibrated aerial equipment in 5 or more gallons of water per acre.

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

- Use nozzles which produce a coarse spray.
- 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.

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

PURSUIT PLUS EC HERBICIDE USE AREA

PURSUIT PLUS EC may be applied to soybeans only in the states or parts of states shaded in the map below:

(In Minnesota PURSUIT PLUS EC may be applied south of state highway 210. In Texas PURSUIT PLUS EC may be applied east of state highway 83).

(SEE USE AREA MAP)

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

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

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

WEEDS CONTROLLED

When applied as directed, PURSUIT PLUS EC will control or reduce competition from the weeds listed below.

NOTE: C - Control, R - Reduced Competition

BROADLEAF WEEDS

Weeds Controlled	Preplant Incorporated	Preemergence
Anoda, spurred	C	C
Buffalobur	C	C
Carpetweed	C	C
Cocklebur, common*	C	
Devilsclaw	C	
Galinsoga	C	C
Jimsonweed	C	
Kochia	C	C
Lambquarters, common	C	
Mallow, Venice	R	
Morningglory		
entireleaf	R	
ivyleaf	R	
pitted	R	
smallflower	C	C
tall	R	
Mustard species	C	C
Nightshade		
black	C	C
Eastern black	C	C
hairy	C	C
Pigweed		
palmer	C	C
redroot	C	C
smooth	C	C
spiny	C	C
Puncturevine	C	C
Purslane, common	C	C
Pusley, Florida	C	C
Ragweed,		
common	R	R
giant	R	R
Sida, prickly (teaweed)	C	
Smartweed		
ladysthumb	C	C
Pennsylvania	C	C
Spurge		
prostrate	C	C
spotted	C	C
Sunflower, common	C	
Velvetleaf	C	
Waterhemp, tall	C	C

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

GRASS WEEDS

Weeds Controlled	Preplant Incorporated	Preemergence
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Barnyardgrass	C	C
Crabgrass		
large	C	C
smooth	C	C
Crowfootgrass	C	C
Cupgrass, woolly	C	
Foxtail		
giant	C	C
green	C	C
yellow	C	C
Goosegrass	C	C
Itchgrass	R	
Johnsongrass		
seedling	C	C
rhizome	R	
Millet, wild proso	R	R
Panicum		
browntop	C	C
fall	C	C
Texas	C	C
Sandbur, field	C	C
Shattercane	C	
Signalgrass, broadleaf	C	C
Sorghum alnum	C	R
Witchgrass	C	C

. SEDGES

Nutsedge		
yellow	R	
purple	R	

SOIL APPLICATION INSTRUCTIONS

PURSUIT PLUS EC provides effective weed control in conservation tillage systems designed to meet conservation compliance requirements. PURSUIT PLUS EC 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. If weeds have emerged, see instructions under NO-TILL OR REDUCED TILLAGE section.

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

Adequate soil moisture is required for optimum activity. For surface applications, rainfall or overhead irrigation is necessary to move PURSUIT PLUS EC into the weed germination zone. The amount of rainfall or irrigation required following application depends on existing soil moisture, soil texture and organic matter content. Sufficient water to moisten the soil to a depth of 2 inches is normally adequate. If adequate moisture is not received within 7 days after a surface-applied treatment, then a cultivation is recommended to control escaped weeds. When adequate moisture is received after dry conditions, PURSUIT PLUS EC 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.

In ridge-till plantings, PURSUIT PLUS EC may be applied early preplant or at soybean planting. If the herbicide is banded over the row, cultivation will be required for weed control between the beds. If cultivation is not possible or if weed pressure is heavy, apply PURSUIT PLUS EC in a broadcast application. Use proportionally less PURSUIT PLUS EC per acre in a band versus a broadcast application. If rainfall does not occur within 7 days of application, a rotary hoe incorporation will enhance weed control. See PREEMERGENCE APPLICATIONS and PREPLANT INCORPORATED APPLICATIONS for further information.

PREEMERGENCE APPLICATIONS

SURFACE APPLICATIONS MADE BEFORE PLANTING

PURSUIT PLUS EC may be surface applied prior to soybean planting (up to 45 days). If sufficient rain does not occur before planting to activate PURSUIT PLUS EC, shallow incorporation before planting will enhance weed control. PURSUIT PLUS EC may be surface applied prior to soybean planting both north and south of highway I-80.

SURFACE APPLICATIONS MADE AFTER PLANTING

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

NO-TILL OR REDUCED TILLAGE:

PURSUIT PLUS EC is effective in controlling weeds in conservation tillage production systems. Apply PURSUIT PLUS EC treatments up to 45 days prior to planting (early preplant) but before crop emergence.

To ensure thorough coverage, use a minimum of 20 gallons of water per acre. Use higher gallonage for fields with dense vegetation or heavy crop residues. Adjust the boom height to ensure proper coverage of weed foliage (according to the manufactures recommendation). The nozzle spacing on the boom should be 20 inches. Use only standard flat-fan nozzle tips. Use ground equipment only.

PURSUIT PLUS EC will control emerged problem weeds such as velvetleaf, smartweed, common cocklebur, and pigweeds. The weed size should not exceed 3" for velvetleaf and smartweed, and 8" for cocklebur and pigweeds. Add surfactant to the spray mixture at the rate of 1 qt./100 gal. AND a nitrogen based fertilizer (such as 28%N, 32%N or 10-34-0) at the rate of 1-2 qt./acre for optimum activity. Ammonium sulfate (spray grade) may be substituted for liquid fertilizer at the rate of 2.5 lbs. per acre.

If other vegetation is present (not controlled by PURSUIT PLUS EC), apply paraquat or Roundup in combination with PURSUIT PLUS EC. Refer to the respective labels for rates, methods of application, proper timing, weeds controlled, restrictions, and precautions. Use ground equipment only.

NOTE: Adjust planters to ensure adequate seed coverage.

PREPLANT INCORPORATED APPLICATIONS

PURSUIT PLUS EC 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 PLUS EC in the surface 1 to 2 inches of the finished beds. Application may be made up to 45 days prior to planting (early preplant). Incorporate prior to soybean planting and within 7 days of application. Mechanical incorporation can be achieved by the following:

- (a) Disk harrow set to cut 3 to 4 inches deep and operated at 4 to 6 mph with the second pass at an angle to the first.
- (b) PTO-driven equipment (tillers, cultivators, hoes) set to cut 2-3 inches deep and operated one time at 4 mph or less.
- (c) Rolling cultivator set to cut 2 to 4 inches deep and operated two times at 6 to 8 mph. Use only on coarse textured soils.
- (d) Field cultivator with 3 to 4 rows of sweeps (Do not use chisel points), spaced at intervals of 7 inches or less and staggered so that no soil is left unturned, set to cut 3 inches deep, and operated two times at more than 5 mph with the second pass made at an angle to the first.
- (e) LELY-Roterra⁷ set and operated according to the manufacturer's directions to thoroughly incorporate PURSUIT PLUS EC to a depth of 1 to 3 inches.
- (f) Do-All set and operated according to the manufacturer's directions to incorporate PURSUIT PLUS EC 1 to 3 inches deep and operated at 4 to 6 mph.

If soybeans are planted on beds, apply and incorporate after bed formation using PTO-driven equipment or a rolling cultivator. For optimum weed control, PURSUIT PLUS EC should be maintained in the surface 1-2 inches of the finished bed.

⁷LELY-Roterra is a trademark of Lely.

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ROTATIONAL CROPS

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

1. Anytime
 - Lima beans
 - Southern peas
 - Soybeans
 - Peanuts

2. Four months after PURSUIT PLUS EC application:
 - Wheat
 - Edible beans and peas (other than lima beans and Southern peas)

3. Nine and one-half months after PURSUIT PLUS EC application:
 - Barley
 - Field corn
 - Field corn grown for seed*
 - Rye
 - Tobacco

4. Eighteen months after PURSUIT PLUS EC application:
 - Alfalfa
 - Cotton
 - Lettuce
 - Oats
 - Popcorn
 - Safflower
 - Sorghum
 - Sweet corn

5. Twenty six months after PURSUIT application.
 - All crops not listed elsewhere in this ROTATIONAL CROP GUIDELINE.

6. Forty months after PURSUIT application.
 - Sugarbeets

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

Use of PURSUIT PLUS EC 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

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.

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

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

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

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

DO NOT apply products containing chlorimuron ethyl (Classic⁸, Canopy⁸, Gemini⁸, Lorox Plus⁸, PREVIEW⁸, etc.) or imazaquin (SCEPTER⁹, SQUADRON⁹, or TRI-SCEPT⁹, SCEPTER⁹ O.T.⁹, or SCEPTER⁹ 70DG,) or products containing imazethapyr (PURSUIT⁹ or PASSPORT⁹) the same year as PURSUIT PLUS EC or injury to follow crops may occur.

DO NOT tank-mix PURSUIT PLUS EC with clomazone containing herbicides (Command⁹ or Commence⁹).

⁸Classic, Canopy, Preview, Gemini and Lorox Plus are trademarks of E.I. duPont de Nemours and Company.

⁹Command and Commence are trademarks of FMC Corporation.

⁹Registered Trademarks of American Cyanamid Company.

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

American Cyanamid Company
Agricultural Products Division
Crop Protection Chemicals Department
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