

PM 25

241-331

9-21-99

1 of 30

PURSUIT® PLUS EC
herbicide

FOR USE IN SOYBEANS AND FIELD CORN
(Apply Only on CLEARFIELD* corn hybrids)

ACTIVE INGREDIENTS:

Imazethapyr (±)-2-[4,5-dihydro-4-methyl-4-(1-methyl-ethyl)-5-oxo-1H-imidazol-2-yl]-5-ethyl-3-pyridinecarboxylic acid	2.24%
Pendimethalin (N-1-ethylpropyl)-3,4-dimethyl-2,6-dinitrobenzenamine	30.24%
INERT INGREDIENTS**	67.52%
TOTAL	100.00%

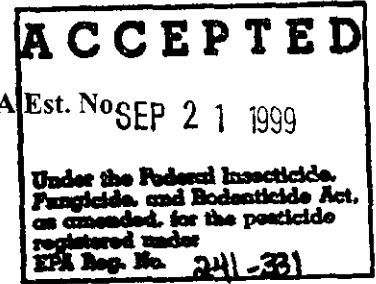
PURSUIT PLUS EC contains 2.9 pounds of active ingredients per gallon (2.7 pounds ai of pendimethalin and 0.2 pounds acid equivalent of imazethapyr).

** Contains petroleum distillates

U.S. Patent No. 4,798,619

EPA Reg. No. 241-331

EPA Est. No. **SEP 21 1999**



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:** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to by a poison control center or doctor.
- IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. Call a poison control center or doctor for treatment advice.
- IF ON SKIN:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

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 973-683-3100.

See Inside for Additional Precautionary Statements

American Cyanamid Company
Global Agricultural Products Division
Crop Protection Products Department
One Campus Drive, Parsippany, NJ 07054 ©1999

Net Contents: 2.5 gallons (9.45 liters)

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PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS (AND DOMESTIC ANIMALS)

CAUTION!

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

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.

Engineering Controls:

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [(40 CFR 170.240)(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

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.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

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.

Groundwater Advisory and Proper Handling Instructions

This chemical has properties and characteristics associated with chemicals detected in groundwater. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

This product may not be mixed or loaded within 50 feet of any wells (including abandoned wells and drainage wells), sink holes, perennial or intermittent streams and rivers, and natural or impounded lakes or reservoirs. This setback does not apply to properly capped or plugged abandoned wells and does not apply to impervious pad or properly diked mixing/loading areas.

Operations that involve mixing, loading, rinsing, or washing of this product into or from pesticide handling or application equipment or containers within 50 feet of any well are prohibited unless conducted on an impervious pad constructed to withstand the weight of the heaviest load that may be positioned on or moved across the pad. Such a pad shall be designed and maintained to contain any product spills or equipment leaks, container or equipment rinse or washwater, and rainwater that may fall on the pad. Surface water shall not be allowed to either flow over or from the pad, which means the pad must be self-contained. The pad shall be sloped to facilitate material removal. An unroofed pad shall be of sufficient capacity to contain at a minimum 110% of the capacity of the largest pesticide container or application equipment on the pad. A pad that is covered by a roof of sufficient size to completely exclude precipitation from contact with the pad shall have a minimum containment capacity of 100% of the capacity of the largest pesticide container or application equipment on the pad. Containment capacities as described above shall be maintained at all times. The above specific minimum containment capacities do not apply to vehicles when delivering pesticide shipments to the mixing/loading site. States may have in effect additional requirements regarding wellhead setbacks and operational containment.

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

Product must be used in a manner which will prevent back siphoning in wells, spills or improper disposal of excess pesticide, spray mixture.

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. Keep container closed to avoid spills and contamination.

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 24 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 FOR 2.5 GALLONS:

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.

CONTAINER DISPOSAL FOR MINI-BULK AND BULK:

Return empty container to point of purchase.

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 herbicide. 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 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 to field corn (CLEARFIELD corn) or soybeans.

Field Corn: Apply PURSUIT PLUS EC only on selected field corn hybrids (CLEARFIELD corn) warranted by the seed company to possess resistance/tolerance to direct application of PURSUIT® herbicide. DO NOT apply PURSUIT PLUS EC to corn hybrids which lack genetic resistance/tolerance to PURSUIT herbicide. Contact your seed supplier, chemical dealer or American Cyanamid to obtain information regarding CLEARFIELD corn . With the exception of reduced tillage systems, plant into a firm seed bed that is free of clods and crop residue. Use only where adequate tillage is practiced to provide good soil coverage of the corn seed. Plant corn AT LEAST 1-1/2 inches deep to ensure good seed coverage. Make sure furrows close to prevent seed contact with the herbicide. Wait at least 7-10 days after postemergence treatments before cultivating.

Crops growing under stressful environmental conditions can exhibit various injury symptoms which may be more pronounced if herbicides are used. Stunting, leaf curling or temporary yellowing of the field corn plants may occur following PURSUIT PLUS EC applications. Normal growth and appearance should resume within 1 to 2 weeks.

Soybeans: Apply PURSUIT PLUS EC preplant or preplant incorporated from 45 days prior to planting up to planting. Incorporate within 7 days of application if rainfall is not received.

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

After PURSUIT PLUS EC is applied, some susceptible weeds emerge, growth stops, and the weeds either die or are not competitive with the crop.

PURSUIT PLUS EC kills weeds by 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.

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.

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 or the mitotic inhibiting mode of action. Other herbicides with the ALS/AHAS enzyme inhibiting mode of action include the sulfonylureas (e.g., Accent™, Basis™, Classic™, Concert™, Exceed™, Permit™, Pinnacle™, etc.), the sulfonamides (e.g., Broadstrike™, etc.) and the pyrimidyl benzoates (e.g. Staple™, etc.). Herbicides with the mitotic inhibiting mode of action include the other dinitroaniline herbicides such as PROWL® herbicide, TREFLAN™ herbicide, TRI-4® HF herbicide, and Sonalan™. If naturally occurring ALS/AHAS resistant biotypes are present in a field, PURSUIT PLUS EC 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 PLUS EC, the field may be replanted to soybeans, peanuts, lima beans or southern peas. Rework the soil no deeper than the treated zone. CLEARFIELD corn may also be replanted, but do not rework the soil. Plant the corn at least 2 inches deep or below the treated zone. Do not apply a second treatment of PURSUIT PLUS EC.

MIXING INSTRUCTIONS

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

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

1. Fill spray tank 1/4 to 1/2 full with clean water.
2. Add soluble packet products and thoroughly mix.
3. Add WP (wetttable powder), DG (dispersible granule), DF (dry flowable) or LF (liquid flowable) formulations.
4. Add aqueous solution products.
5. Add PURSUIT PLUS EC.
6. Add other EC (emulsifiable concentrate) products.
7. Add surfactant to the spray tank (if weeds are present).
8. Add liquid fertilizer.
9. While agitating, fill the remainder of the tank with water.

When Gramoxone Extra 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.

Only use surfactants, adjuvants, and crop oils that are cleared for application to growing crops.

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.

SPRAYING INSTRUCTIONS

DO NOT apply if wind conditions, temperature inversion conditions, or other conditions may cause drift onto adjacent areas or sensitive crops. Sensitive crops include, but are not limited to, 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 in Liquid Fertilizer:

PURSUIT PLUS EC can be applied to the soil in liquid fertilizers, alone or in combination with PROWL 3.3 EC, trifluralin (soybeans only), Lasso™ or Dual™. 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.

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 Per Acre</u>	<u>Fertilizer Rate 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 3.3 EC is to be combined with the PURSUIT PLUS EC prior to impregnation, premix the PROWL 3.3 EC with an equal volume of water before adding it to the PURSUIT PLUS EC. DO NOT mix undiluted PROWL 3.3 EC 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.

AERIAL APPLICATIONS:

Uniformly apply with properly calibrated aerial equipment in 5 or more gallons of water per acre. When applied POSTEMERGENCE, (to CLEARFIELD corn), the addition of a non-ionic surfactant AND fertilizer are required for optimum weed control. Add a non-ionic surfactant at 0.25% v/v (1 quart per 100 gallons of spray mixture) AND a liquid fertilizer at 1.25 to 2.5 gallons per 100 gallons of spray solution. (See APPLICATION INSTRUCTIONS - POSTEMERGENCE).

Avoiding spray drift at the application site is the responsibility of the applicator. The interaction of many equipment- and weather-related factors determine the potential for spray drift. The applicator and the grower are responsible for considering all these factors when making decisions.

The following drift management requirements must be followed to avoid off-target drift movement from aerial applications to agricultural field crops.

1. The distance of the outermost nozzles on the boom must not exceed 3/4 the length of the wingspan or rotor.
2. Nozzles must always point backward parallel with the air stream and never be pointed downwards more than 45 degrees.

Where states have more stringent regulations, they should be observed.

The applicator should be familiar with and take into account the information covered in the Aerial Drift Reduction Advisory Information presented below.

INFORMATION ON DROPLET SIZE:

The most effective way to reduce drift potential is to apply large droplets. The best drift management strategy is to apply the largest droplets that provide sufficient coverage and control. Applying larger droplets reduces drift potential, but will not prevent drift if applications are made improperly, or under unfavorable environmental conditions (see WIND, TEMPERATURE AND HUMIDITY, and TEMPERATURE INVERSIONS).

CONTROLLING DROPLET SIZE

- Volume - Use high flow rate nozzles to apply the highest practical spray volume. Nozzles with higher rated flows produce larger droplets.
- Pressure - Do not exceed the nozzle manufacturer's recommended pressures. For many nozzle types, lower pressure produces larger droplets. When higher flow rates are needed, use higher flow rate nozzles instead of increasing pressure.
- Number of Nozzles - Use the minimum number of nozzles that provide uniform coverage.
- Nozzle Orientation - Orienting nozzles so that the spray is released parallel to the airstream produces larger droplets than other orientations and is recommended practice. Significant deflection from the horizontal will reduce droplet size and increase drift potential.
- Nozzle Type - Use a nozzle type that is designed for the intended application. With most nozzle types, narrower spray angles produce larger droplets. Consider using low-drift nozzles. Solid stream nozzles oriented straight back produce the largest droplets and the lowest drift.

BOOM LENGTH

For some use patterns, reducing the effective boom length to less than 3/4 of the wingspan or rotor length may further reduce drift without reducing swath width.

APPLICATION HEIGHT

Applications should not be made at a height greater than 10 feet above the top of the largest plants unless a greater height is required for aircraft safety. Making applications at the lowest height that is safe reduces exposure of droplets to evaporation and wind.

SWATH ADJUSTMENT

When applications are made with a crosswind, the swath will be displaced downward. Therefore, on the up and downwind edges of the field, the applicator must compensate for this displacement by adjusting the path of the aircraft upwind. Swath adjustment distance should increase with increasing drift potential (higher wind, smaller droplets, etc.).

WIND

Drift potential is lowest between wind speeds of 2-10 mph. However, many factors, including droplet size and equipment type, determine drift potential at any given speed. Application should be avoided below 2 mph due to variable wind direction and high inversion potential. NOTE: Local terrain can influence wind patterns. Every applicator should be familiar with local wind patterns and how they affect spray drift.

TEMPERATURE AND HUMIDITY

When making applications in low relative humidity, set up equipment to produce larger droplets to compensate for evaporation. Droplet evaporation is most severe when conditions are both hot and dry.

TEMPERATURE INVERSIONS

Applications should not occur during a temperature inversion because drift potential is high. Temperature inversions restrict vertical air mixing, which causes small suspended droplets to remain in a concentrated cloud. This cloud can move in unpredictable directions due to the light variable winds common during inversions. Temperature inversions are characterized by increasing temperatures with altitude and are common on nights with limited cloud cover and light to no wind. They begin to form as the sun sets and often continue into the morning. Their presence can be indicated by ground fog; however, if fog is not present, inversions can also be identified by the movement of smoke from a ground source or an aircraft smoke generator. Smoke that layers and moves laterally in a concentrated cloud (under low wind conditions) indicates an inversion, while smoke that moves upward and rapidly dissipates indicates good vertical air mixing.

SENSITIVE AREAS

The pesticide should only be applied when the potential for drift to adjacent sensitive areas (e.g. residential areas, bodies of water, known habitat for threatened or endangered species, or non-target crops) is minimal (e.g. when wind is blowing away from the sensitive areas).

Applicator is responsible for any loss or damage which results from spraying PURSUIT PLUS EC 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.

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 preemergence or postemergence to CLEARFIELD corn . (DO NOT apply preplant incorporated to CLEARFIELD corn). It can be applied early preplant, preplant incorporated or preemergence in soybeans (DO NOT apply postemergence to 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. In no-till situations where cultivation is not practical, a postemergence treatment is required 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 (soybeans only) or preemergence. 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: (Soybeans)

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: (CLEARFIELD Corn)

Apply PURSUIT PLUS EC alone preemergence (surface treatment only) after planting. DO NOT INCORPORATE PURSUIT PLUS EC or corn injury may result.

NOTE: Plant corn at least 1-1/2 inches deep. Adjust planters to ensure adequate seed coverage.

The use of no-till planters in minimum tillage corn under conditions which do not allow good soil coverage of the corn seed can result in reduced crop stand or injury if PURSUIT PLUS EC contacts the germinating corn seed. Check equipment to ensure good seed coverage.

SURFACE APPLICATIONS MADE AFTER PLANTING: (Soybeans)

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: (Soybeans)

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.

PREPLANT INCORPORATED APPLICATIONS (Soybeans only)

PURSUIT® PLUS EC herbicide 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.

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.

APPLICATION INSTRUCTIONS - POSTEMERGENCE (CLEARFIELD Corn)

Apply PURSUIT PLUS EC herbicide as a postemergence treatment to CLEARFIELD corn when crop and weeds are actively growing. Apply PURSUIT PLUS EC before weeds exceed a height of 3", unless otherwise indicated. **More restrictive crop growth stage limitations of tank-mix partners MUST be followed.**

RESTRICTIONS FOR POSTEMERGENCE APPLICATIONS:

To avoid serious crop injury with postemergence applications observe the following precautions:

- DO NOT apply PURSUIT PLUS EC in a liquid fertilizer as a carrier.
- DO NOT apply PURSUIT PLUS EC when air temperatures are expected to reach or stay below 40° F for 10 or more hours or when extended cold, wet conditions are predicted.
- DO NOT apply PURSUIT PLUS EC postemergence to soybeans.

ADDITIVES:

POSTEMERGENCE APPLICATIONS OF PURSUIT PLUS EC REQUIRE THE ADDITION OF A SURFACTANT AND A FERTILIZER.

I. SURFACTANTS

Use a non-ionic surfactant containing at least 80% active ingredient. Add the surfactant at 0.25% v/v (1 quart per 100 gallons of spray solution).

AND

II. FERTILIZER¹

Recommended nitrogen based fertilizers include liquid fertilizers (such as 28%N, 32%N, or 10-34-0) at 1.25 to 2.5 gallons per 100 gallons of spray solution). 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 12-15 lbs. per 100 gallons of spray solution.

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

When STATUS herbicide is applied following an application of PURSUIT PLUS EC, a surfactant OR a crop oil concentrate AND a nitrogen-based fertilizer must be added to the spray solution.

When PRESTIGE herbicide is applied following an application of PURSUIT PLUS EC, a crop oil concentrate and a nitrogen-based fertilizer must be added to the spray solution.

PURSUIT PLUS EC HERBICIDE USE AREA

Except where specified otherwise in Cyanamid supplemental labeling, DO NOT APPLY PURSUIT PLUS EC to soybeans or CLEARFIELD corn in North Dakota or in Minnesota north of state highway 210.

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

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

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

CROPS

CLEARFIELD CORN - DIRECTIONS FOR USE

TANK-MIX HERBICIDE COMBINATIONS WITH PURSUIT PLUS EC

Preemergence Applications of PURSUIT PLUS EC Tank-Mixed With:

Atrazine	Frontier™
Banvel™	Harness™ Plus
Bicep™, Bicep Lite™	Lariat™
Bullet™	Lasso EC, Lasso MT
Clarity™	Marksman™
Dual	PROWL 3.3 EC
Eradicane™ Extra	Surpass™
Extrazine™ II	Sutan+™

Postemergence Applications of PURSUIT PLUS EC Tank-Mixed With:

Atrazine ^{1,2}	Clarity ^{1,3}
Banvel ^{1,3}	Marksman ¹
Basagran™,1	PROWL 3.3 EC
Buctril™,1,2	Sencor DF™,
2,4-D	Sencor 3L™

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

When PURSUIT PLUS EC herbicide is used in combination with another herbicide, refer to the respective labels for rates, methods of application, proper timing, weeds controlled, restrictions and precautions. Always use in accordance with the more restrictive label restrictions and precautions.

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	PREEMERGENCE	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
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	C		
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 species	C	4	1-3
Nightshade			
black	C	4	1-3
Eastern black	C	4	1-3
hairy	C	4	1-3
Pigweed			
palmer	C		
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		
Ragweed,			
common	R	4	1-3
giant	R	4	1-3
Sage, barnyard	R	R	1-3
Sida, prickly (teaweed)	C*		
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
Thistle, Canada		R	1-3
Velvetleaf	C	4	1-3
Waterhemp, tall***	C		

GRASS WEEDS

Weeds Controlled	PREEMERGENCE	POSTEMERGENCE	
		Maximum Leaf Stage****	Size (Inches)
Barnyardgrass	R	3	1-3
Crabgrass			
large	C	3	1-3
smooth	C	3	1-3
Crowfootgrass	C		
Cupgrass, woolly	R	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	1-8
Millet, wild proso	R		
Panicum			
browntop	C		
fall	C		
Texas	C		
Red rice		3	1-3
Sandbur, field	C		
Shattercane	R	6	1-8
Signalgrass, broadleaf	R	4	1-8
Sorghum almum	R		
Witchgrass	C	6	1-3
SEDGES			
Nutsedge			
yellow	R	R	1-3
purple	R	R	1-3

Cultivation and/or a postemergence herbicide may be required for season-long control.

If kochia is resistant to ALS/AHAS inhibitors, then it will not be controlled by this or other products with the ALS/AHAS mode of action. A sequential program and/or a tankmix partner with another herbicide mode of action must be used to control ALS/AHAS-resistant kochia.

*** If a heavy infestation of waterhemp species is anticipated a tank mixture of PURSUIT PLUS EC plus additional PROWL 3.3 EC is required for control. Add PROWL 3.3 EC to the PURSUIT PLUS EC mixture at the following rates, depending on soil type:

Coarse textured soils: add PROWL 3.3 EC at 0.6 pints/acre.

Medium texture soils: add PROWL 3.3 EC at 1.2 to 1.8 pints/acre.

Fine texture soils: add PROWL 3.3 EC at 1.8 pints/acre.

Refer to the PROWL 3.3 EC label for specific use rates, application methods and application timings based on soil texture and soil organic matter content. A postemergence herbicide such as STATUS™, Cobra™, or Flexstar™ may be needed to control waterhemp species escapes. Refer to individual product labels for specific uses and recommendations.

**** 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.

SOYBEANS - DIRECTIONS FOR USE

HERBICIDE COMBINATIONS

In addition to those broadleaf herbicides specifically mentioned elsewhere in this label, PURSUIT PLUS EC applications may be followed by one or more of the following herbicides: STATUS, Basagran, Blazer, Cobra, Flexstar, Galaxy™, Reflex, Storm™, or Roundup Ultra. **DO NOT** apply Roundup Ultra postemergence to soybeans that are not glyphosate-resistant. For sequential treatments with PURSUIT PLUS EC and other products, a sufficient time period should occur between treatments to allow an appropriate assessment of weed control needs.

Heavy infestations of some broadleaf weeds such as common ragweed and giant ragweed, which germinate deep in the soil and may emerge at various times during the growing season, may require a cultivation or the application of a postemergence herbicide, such as a diphenylether, for season long control.

Under conditions of heavy grass pressure, a grass herbicide such as PROWL 3.3 EC or trifluralin may be tank-mixed with PURSUIT PLUS EC.

PURSUIT PLUS EC may be followed by herbicides registered for postemergence grass control in soybeans.

PURSUIT PLUS EC must be used only in accordance with the directions on this label. 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 + SCEPTER® 70DG herbicide for Enhanced Weed Control

For control of a broad-spectrum of weeds in soybeans, SCEPTER 70DG may be applied tank-mixed with PURSUIT PLUS EC in soil applications only.

Use Area

The application of PURSUIT PLUS EC and SCEPTER 70DG may be used in Region 2 as described in the USE AREA of the SCEPTER 70DG label and in the entire state of Illinois.

The approved USE AREA (Region 2) includes eastern Kansas (east of U.S. 81; the counties of Cloud, Ellsworth, Harvey, Jewell, Lincoln, Mitchell, McPherson, Ottawa, Republic, Saline, Sedgewick, and Sumner), southeastern Nebraska (east of U.S. 81, south of U.S. 34), Missouri, Illinois, Indiana, Ohio, Michigan, Kentucky, Virginia, West Virginia, Pennsylvania, Maryland, Delaware, and New Jersey. Iowa in the counties of Mills, Fremont, Montgomery, Page, Adams, Taylor, Union, Ringgold, Clarke, Decatur, Lucas, Wayne, Monroe, Appanoose, Wapello, Davis, Jefferson, Van Buren, Henry, Lee, and Des Moines.

Application Rates

Apply PURSUIT PLUS EC at the rate of 2 1/2 pints per acre.

Apply SCEPTER 70DG at the rate of 1.4 ounces per acre. (One 5.6 ounce water soluble bag of SCEPTER 70DG treats 4 acres. Apply in tank-mixture with PURSUIT PLUS EC in soil applications).

For application timing, refer to the PURSUIT PLUS EC and SCEPTER 70DG soil-application directions in the respective labels.

Weeds Controlled

The combination of PURSUIT PLUS EC and SCEPTER 70DG provides enhanced control of common cocklebur and common ragweed in addition to the weeds controlled by PURSUIT PLUS EC.

For rotational crop information, refer to both the PURSUIT PLUS EC and the SCEPTER DG labels. Follow the more restrictive rotational crop guidelines.

PURSUIT PLUS EC + Metribuzin For Enhanced Control of Common Ragweed

PURSUIT PLUS EC may be applied either preplant, preplant incorporated or preemergence in tank-mix combination with metribuzin (Sencor™ or Lexone™) or preemergence with linuron (Lorox™ or Linex™). 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.

HERBICIDE COMBINATIONS FOR BURNDOWN IN CONSERVATION TILLAGE SYSTEMS

PURSUIT PLUS EC may be applied up to 45 days prior to soybean planting. 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. If other vegetation is present, PURSUIT PLUS EC may be tank mixed with 2,4-D, Gramoxone Extra, Roundup Ultra, Touchdown, or 2,4-DB to enhance burndown.

For burndown applications in conservation tillage systems:

- add an adjuvant or a surfactant to the spray solution, AND
- a nitrogen based fertilizer at 1.25 to 2.5 gallons per 100 gallons of spray solution, or ammonium sulfate (spray grade) at 12-15 lbs. per 100 gallons of spray solution
- ensure thorough coverage using a minimum of 10 gallons of water per acre, with a higher gallonage for fields with dense vegetation or heavy crop residues
- use appropriate nozzles to ensure thorough coverage
- use ground equipment only.

Adjuvant or Surfactant:

Use either a methylated seed oil concentrate (e.g., SUN-IT II™) or a crop oil concentrate at 1.0% v/v (1 gallon per 100 gallons of spray solution), or a nonionic surfactant (containing at least 80% active ingredient) at 0.25% v/v (1 quart per 100 gallons of spray solution).

PURSUIT PLUS EC + 2,4-D

2,4-D may be used with PURSUIT PLUS EC alone or in combination with other PURSUIT PLUS EC tank mixes prior to planting for control of some annual broadleaf weeds. Use the following rates of 2,4-D in tank mixtures with PURSUIT PLUS EC:

<u>2,4-D Formulation</u>	<u>Rate (lb a.i./A)</u>	<u>Minimum Days Before Planting</u>
Ester	0.5	7
Amine	0.5	15
Ester or Amine	1.0	30

Refer to the 2,4-D label for weeds controlled.

Observe all cautions and limitations on the 2,4-D label.

PURSUIT PLUS EC + 2,4-DB

2,4-DB may be used with PURSUIT PLUS EC alone or in combination with other PURSUIT PLUS EC tank mixes for control of some annual broadleaf weeds. Refer to the 2,4-DB label for specific use recommendations, rates, and weeds controlled.

Observe all cautions and limitations on the 2,4-DB label.

PURSUIT PLUS EC + Roundup Ultra or Touchdown

When applied early preplant or preemergence, Roundup Ultra or Touchdown, may be mixed with PURSUIT PLUS EC for control of weeds common to no-till production. Always include a nitrogen-based fertilizer at 1-2 qt/acre, or ammonium sulfate (spray grade) at 2.5 lb/acre, in the spray mixture. In tank mixtures with Touchdown, also add a nonionic surfactant at 0.25% v/v (1 quart in 100 gallons of spray mixture). Roundup Ultra or Touchdown will aid in the burndown of existing weeds, while PURSUIT PLUS EC controls non-emerged weeds and some emerged weeds.

The rate of Roundup Ultra, or Touchdown, for tank mixes with PURSUIT PLUS EC is the same as the rate of these products when used alone.

Observe all precautions and limitations on the Roundup Ultra, or Touchdown product labels.

PURSUIT PLUS EC + Gramoxone Extra

Gramoxone Extra, at 1.5 to 2.5 pints per acre, may be used with PURSUIT PLUS EC alone or in combination with other tank mixes for the control of certain emerged grasses and broadleaf weeds. Use the 2.5 pint rate if weeds are 4 to 6 inches tall. Weeds over 6 inches may not be controlled with this treatment. Apply up to 14 days before, during or immediately after planting.

When Gramoxone Extra is included in a tank mixture, add a nonionic spreader surfactant at a rate of 8 fl. oz. per 100 gallons of spray mixture as the last ingredient in the tank.

Gramoxone Extra will control most annual emerged weeds and suppress many emerged perennials. Refer to the Gramoxone Extra label for specific use recommendations and weeds controlled.

Observe all precautions and limitations on the Gramoxone Extra label.

SEQUENTIAL PROGRAMS

PURSUIT PLUS EC Followed by STATUS Herbicide

When soil applied for weed control in soybeans, PURSUIT PLUS EC controls many problem broadleaf and grass weeds. Under adverse weather conditions or when heavy weed populations exist, some problem weeds may not be completely controlled by PURSUIT PLUS EC. STATUS herbicide provides fast postemergence burn-down of susceptible broadleaf weeds. Temporary bronzing of the soybean leaves may occur soon after application. Soybeans soon outgrow early symptoms; yield will not be effected by applying STATUS following an application of PURSUIT PLUS EC.

Weeds Controlled

A postemergence application of STATUS herbicide following PURSUIT PLUS EC at the recommended rates will control common and giant ragweeds, pigweed species and waterhemp. (Refer to the STATUS label for additional weeds controlled).

Application Rates

Sequential Application:

When PURSUIT PLUS EC is soil applied, followed by STATUS applied postemergence, apply PURSUIT PLUS EC at the rate of 2 1/2 pints per acre. Apply STATUS postemergence at the rate indicated in the table below, depending on weed size:

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.

Refer to the STATUS label for additional information regarding application rates, restrictions, precautions, weeds controlled, adjuvants recommended and other information.

PURSUIT PLUS EC Followed By PRESTIGE Herbicide For Enhanced Grass Control

Under adverse weather conditions or when heavy weed populations exist, some problem weeds may not be completely controlled by PURSUIT PLUS EC. PRESTIGE herbicide provides postemergence control of many grass weeds. Refer to the table below for a partial list of weeds and the recommended use rate.

Weeds Controlled

A postemergence application of PRESTIGE herbicide following PURSUIT PLUS EC at the recommended rates will control the grasses listed below. (Refer to the PRESTIGE label for additional weeds controlled).

Use Rates

Apply PURSUIT PLUS EC at the broadcast rate of 2 1/2 pints per acre for all methods of application: preplant, preplant incorporated, and preemergence. At this broadcast rate, one gallon of PURSUIT PLUS EC will treat 3.2 acres.

Refer to the following table for the recommended rate of PRESTIGE.

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**WEEDS CONTROLLED
(PRESTIGE Herbicide following PURSUIT PLUS EC)**

PRESTIGE Rate and Maximum Weed Height at Application

Grass	Early Postemergence		Mid - Postemergence		Late Postemergence	
	Max. Ht. (Inches)	Rate per Acre (oz.)	Max. Ht. (Inches)	Rate per Acre (oz.)	Max. Ht. (Inches)	Rate per Acre (oz.)
Barnyardgrass	4	18	8	24	12	36
Crabgrass, Large	-	-	6	24	8	36
Smooth	-	-	6	24	8	36
Cupgrass, Woolly	-	-	8	24	-	-
Foxtail, Giant	4	18	8	24	16	36
Green	4	18	8	24	16	36
Yellow	-	-	8	24	16	36
Goosegrass	3	18	6	24	8	36
Johnsongrass, Seedling	-	-	8	24	16	36
Millet, Wild Proso	10	12	10	12	24	24
Panicum, Browntop	-	-	8	24	-	-
Fall	4	18	8	24	12	36
Texas	4	18	8	24	12	24
Shattercane	-	-	18	24	-	-
Signalgrass, Broadleaf	4	18	8	24	12	36
Volunteer, Barley	-	-	4	36	-	-
Corn	12	18	20	24	-	-
Oats	-	-	4	36	-	-
Rye	-	-	4	36	-	-
Wheat	-	-	4	36	-	-
Witchgrass	-	-	8	24	-	-

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

Refer to the PRESTIGE label for additional information regarding application rates, restrictions, precautions, weeds controlled, adjuvants recommended and other information.

**PURSUIT PLUS EC Followed by Roundup Ultra
(glyphosate-resistant soybeans only)**

PURSUIT PLUS EC may be applied early preplant, preplant incorporated, or preemergence to Roundup Ready™ soybeans for early season weed control and residual activity on broadleaf weeds and grass weeds. If weeds emerge later, Roundup Ultra may be applied postemergence for weed control. For sequential treatments, a sufficient time period should elapse between treatments to allow an appropriate assessment of weed control needs.

Refer to the Roundup Ultra product label for specific use recommendations, rates, and weeds controlled.

Observe all precautions and limitations on the Roundup Ultra product label.

Note: DO NOT apply PURSUIT PLUS EC after soybean planting north of Interstate Highway I-80.

Note: DO NOT apply Roundup Ultra postemergence to non glyphosate-resistant soybeans.

FALL APPLICATIONS OF PURSUIT PLUS EC (South Dakota only)

Late fall applications of PURSUIT PLUS EC may be made for control of weeds in NO-TILL soybeans, rather than in the spring prior to planting soybeans. Apply PURSUIT PLUS EC after October 31, and prior to ground freeze-up in the winter. Fall and winter precipitation will activate the herbicide for control of most winter annual weeds and spring germinating weeds in no-till soybeans.

When no-till planting soybeans following small grain harvest, apply a burndown application of Gramoxone Extra, Roundup Ultra, or Touchdown to the small grain stubble within three weeks of harvest to control weeds present after harvest.

APPLICATION RATES

Apply PURSUIT PLUS EC at the rate of 2.5 pints/acre. If heavy grass pressure is expected, add PROWL® 3.3 EC herbicide to the spray mixture at the rate of 1.25 pints/acre.

**WEEDS CONTROLLED
(PURSUIT PLUS EC)**

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

NOTE: C = Control, R = Reduced Competition

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BROADLEAF WEEDS

Weeds Controlled	Preplant Incorporated	Preemergence
Anoda, spurred	C	C
Buffalobur	C*	C
Carpetweed	C	C
Cocklebur, common	R	
Devilsclaw	C	
Galinsoga	C	C
Jimsonweed	C*	
Kochia**	C	C
Lambsquarters, common	C*	C
Mallow, Venice	C	
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	C*	
Velvetleaf	C	
Waterhemp, tall***	C	C

✓

- * Cultivation and/or a postemergence herbicide may be required for season-long control.
- ** If kochia is resistant to ALS/AHAS inhibitors, then it will not be controlled by this or other products with the ALS/AHAS mode of action. A sequential program and/or a tankmix partner with another herbicide mode of action must be used to control ALS/AHAS-resistant kochia.
- *** If a heavy infestation of waterhemp species is anticipated a tank mixture of PURSUIT PLUS EC plus additional PROWL 3.3 EC is required for control. Add PROWL 3.3 EC to the PURSUIT PLUS EC mixture at the following rates, depending on soil type.
Coarse textured soils: add PROWL 3.3 EC at 0.6 pints/acre.
Medium texture soils: add PROWL 3.3 EC at 1.2 to 1.8 pints/acre.
Fine texture soils: add PROWL 3.3 EC at 1.8 pints/acre.
Refer to the PROWL 3.3 EC label for specific use rates, application methods and application timings based on soil texture and soil organic matter content. A postemergence herbicide such as STATUS, Blazer, Cobra, Flexstar or Reflex may be needed to control waterhemp species escapes. Refer to individual product labels for specific uses and recommendations.

GRASS WEEDS

Weeds Controlled	Preplant Incorporated	Preemergence
Barnyardgrass	C	C
Crabgrass,		
large	C	C
smooth	C	C
Crowfootgrass	C	C
Cupgrass, woolly	R	
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	R	
Signalgrass, broadleaf	C	C
Sorghum alnum	C	R
Witchgrass	C	C

SEDGES

Nutsedge		
yellow	R	
purple	R	

ROTATIONAL CROP GUIDELINES

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

- 1. Anytime

Lima beans	Soybeans
Southern peas	Peanuts
- 2. Four months after PURSUIT PLUS EC application:
 - Wheat
 - Edible beans and peas (other than lima beans and Southern peas)
- 3. Eight and one-half months after PURSUIT PLUS EC application:
 - Field corn
 - Field corn grown for seed
- 4. Nine and one-half months after PURSUIT PLUS EC application:
 - Alfalfa
 - Barley
 - Rye
 - Tobacco
- 5. Eighteen months after PURSUIT PLUS EC application:

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

*Following forty months after a PURSUIT PLUS EC 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.

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.

EXCEPTION TO ROTATIONAL CROP GUIDELINE

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

PRECAUTIONS

General

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

In the event of a crop loss due to weather, soybeans, lima beans, southern peas or peanuts can be replanted. DO NOT work the soil deeper than 2 inches. CLEARFIELD corn may also be replanted, but DO NOT rework the soil. Plant the corn at least 2 inches deep or below the treated zone. Do not apply a second treatment of PURSUIT PLUS EC.

CLEARFIELD Corn

There should be an interval of at least 45 days between an application of PURSUIT PLUS EC and corn harvest (silage, fodder or grain).

DO NOT graze or feed treated corn forage, silage, fodder or grain to livestock for at least 45 days after an application of PURSUIT PLUS EC.

If field corn is 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.

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

Registered organophosphate insecticides such as banded applications of COUNTER® 15G systemic insecticide-nematicide, 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 PLUS EC applications. DO NOT USE COUNTER 15G in-furrow with imidazolinone tolerant corn hybrids. American Cyanamid has not tested all hybrids in which the imidazolinone tolerance trait is claimed and cannot be responsible for factors which are beyond its control, such as growing conditions, environmental conditions, grower practices and the specific genetics of each hybrid tolerance to PURSUIT PLUS EC and insecticide applications.

Soybeans

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

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

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

Application of products containing chlorimuron ethyl (e.g., Classic™, Canopy™, Concert™, Gemini™, Lorox Plus™, Preview™, Pinnacle™, Synchrony™, etc.), imazaquin (e.g., DETAIL®, SCEPTER®, SCEPTER® 70DG, SCEPTER® O.T.®, SQUADRON®, STEEL®, TRI-SCEPT®), imazethapyr (e.g., PURSUIT®, PURSUIT® DG, CONTOUR®, RESOLVE®, etc.), imazamox (e.g., RAPTOR®) or flumetsulam (e.g., Broadstrike™) the same year as labeled rates of PURSUIT PLUS EC may increase the risk of injury to sensitive rotational crops. Consult labels for recommended uses of these products in combinations.

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

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