

PA suit herbicide



FOR USE IN SOYBEANS

ACTIVE INGREDIENT

INERT INGREDIENTS

TOTAL

EPA Reg. No. 241-310

EPA Est. No. 241-PR-2

KEEP OUT OF REACH OF CHILDREN

CAUTION! PRECAUCION!

PRECAUTIONAL USAGE

CYANAMID

Net Contents: 1 quart (0.939 liter)

291 NTEG

ACCEPTED

12 1982

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

BEST AVAILABLE COPY

do
st
c

BEST AVAILABLE COPY

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

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.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS

CAUTION!

Harmful if inhaled or absorbed through skin. Avoid breathing spray mist. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

ENVIRONMENTAL HAZARDS

DO NOT apply directly to water or wetlands (swamps, bogs, marshes and potholes). 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.

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.

STORAGE AND DISPOSAL

PROHIBITIONS: KEEP FROM FREEZING. DO NOT store below 32°F. DO NOT contaminate water, food or feed by storage or disposal.

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

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

DISCLAIMER

The label instructions for the use of this product reflect the opinion of experts based on research and field use. The directions are believed to be reliable and should be followed carefully. However, it is impossible to

eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, 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.

American Cyanamid Company's liability will be limited to a refund 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.

American Cyanamid Company makes no other express or implied warranty, including other express or implied warranty of FITNESS or of MERCHANTABILITY. USER assumes the risk of any use contrary to label instructions, or under abnormal conditions

or under conditions not reasonably foreseeable by American Cyanamid Company.

USES WITH OTHER PRODUCTS (TANK MIXES)

This product is not to be used in combination with any other product except as specifically recommended in writing by American Cyanamid Company and 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

Entry into treated fields is not permitted without protective clothing until spray has dried.

PURSUIT can be applied as an early preplant, preplant incorporated, preemergence or early postemergence treatment in soybeans. The application method of choice will depend on the anticipated weed spectrum and the preference of the applicator.

The mode of weed killing is by uptake of PURSUIT by weed foliage and rapid translocation to growing points. Adequate soil moisture for optimum PURSUIT activity is present. Adequate soil moisture is present to provide residual control of sprouting weeds. Activity of weeds will depend on the weather and the location of its root system.

Occasionally, internode show temporary yellowing of soybeans occur following PURSUIT application. This will not affect soybean yields.

Replanting. If replanting is required previously treated with PURSUIT, the field may be replanted to soybeans to a depth no deeper than the tillage of the soil. Do not apply a second treatment.

MIXING INSTRUCTIONS

Fill the spray tank one-half to full with clean water. Use measuring device to measure amount of PURSUIT. Add PURSUIT to tank while agitating. Fill the tank with water.

For postemergence application, add a wetting agent and a liquid fertilizer (10-34-0, 28 or 32% nitrogen) to the tank. Ammonia may be used in place of a liquid fertilizer. Add the fertilizer required for optimum weed control while spraying to the tank.

BEST AVAILABLE COPY

possession of the
• application
mitations on this
products used in
T. Do not use
ordance with the
label. The use of
th this label may
Keep containers
contamination
through any type

DISPOSAL FROM FREEZING

r food or feed by

Wastes resulting
may be disposed
of waste disposal

Triple rinse for
for recycling or
and dispose of in
eration or if al
thorities by burn
moke

ER the use of this of experts based the direct ins are d should be fol t 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.

American Cyanamid Company's liability will be limited to a refund of the purchase price of PURSULT. 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.

American Cyanamid Company makes no other express or implied warranty, including other express or implied warranty of FITNESS or of MERCHANTABILITY. USER assumes the risk of any use contrary to label instructions or under abnormal conditions.

or under conditions not reasonably foreseeable by American Cyanamid Company

USES WITH OTHER PRODUCTS (TANK MIXES)

This product is not to be used in combination with any other product except as specifically recommended in writing by American Cyanamid Company and 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

Entry into treated fields is not permitted without protective clothing until sprays have dried.

PURSUIT can be applied as an early preplant, preplant-incorporated, preemergence or early postemergence treatment in soybeans. The application method of choice will depend on the anticipated weed spectrum and the preference of the applicator.

The mode of weed killing activity involves uptake of PURSUIT by weed roots and/or foliage 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.

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

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

MIXING INSTRUCTIONS

Fill the spray tank one half to three quarters full with clean water. Use a calibrated measuring device to measure the required amount of PURSUIT. Add PURSUIT to the spray tank while agitating. Fill the remainder of the tank with water.

For postemergence applications, add a non-ionic surfactant and a liquid fertilizer solution (10-34-0, 28 or 32% nitrogen) as the last ingredients in the tank. Ammonium sulfate may be used in place of a liquid fertilizer. The addition of fertilizer to the spray solution is required for optimum weed control. Maintain agitation while spraying to ensure a uniform

spray mixture An antifoaming agent may be added to the tank if needed.

When tank mixing PURSUIT with recommended herbicides, add the other herbicide to the spray tank first and make sure it is thoroughly mixed before adding PURSUIT. When tank mixing Bronco® Roundup® or Gramoxone Super® with PURSUIT and PROWL® herbicide, Infiluralin, Lasso® or Dual® add the products in the following order: (1) PROWL, Infiluralin, Lasso or Dual; (2) Roundup or Gramoxone Super; (3) PURSUIT; (4) nonionic surfactant and (5) liquid fertilizer.

If dicamba sprayer contamination is possible, refer to the appropriate dicamba label (Banvel, Maxxman) 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.

Roundup, Lasso and Roundup are trademarks of
Monsanto Agricultural Products Company
Pyramine Super is a trademark of ICI Americas
Inc.
Glycid is a trademark of Ciba Geigy Corporation
Registered trademarks of American Cyanamid
Company.

SPH :YING 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 or more gallons of water per acre. A spray pressure of 20 to 40 psi is recommended.

To ensure thorough coverage, use a minimum of 20 gallons of water per acre when applying PURSUIT to minimum or no-till soybeans. 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). The nozzle spacing on the boom should be 20 inches. Use only standard "lat" fan nozzles. Avoid overlap when spraying.

**PURSUIT APPLICATIONS WITH A MELROE
SPRA-COUPÉ:**

PURSUIT may be applied to soybeans with a Sprague-Coupe sprayer. When applying PURSUIT with a Sprague-Coupe, 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 Sprayer Coupe apply a minimum of 10 gallons per acre of spray solution with a nozzle pressure between 40-60 psi for optimum coverage.

AERIAL APPLICATION:

Uniformly apply with properly
ment in 5 or more gallons of
applied POSTMERGE
ionic surfactant AND fertilizer
for optimum weed control. Ap-
plant at the rate of 1 quart per
mixture AND a liquid fertilizer
per acre. (See instructions on
INSTRUCTIONS. POSTMERGE
To avoid injury to sensitive
applicators must adhere to the
AERIAL USE DIRECTIONS.

- Nozzle height above ground must be 10 feet

Nozzles must be pointed
aircraft. The downward
should not be greater than

To minimize wing tip v
spray boom must not be
end of wing or rotor that

Use a maximum spray pattern of 120 degrees. A buffer zone must be established from the center of the spray.

are not to be sprayed and
DO NOT spray when wind
is more than 5 mph. Coarse spray
is less likely to drift.

Applicator is responsible for which results from spraying other than recommended in applicator must follow all applicable regulations and ordinances in

8
4
7
5

BEST AVAILABLE COPY

APPLYING INSTRUCTIONS

When wind velocity is greater than 10 mph, application may be carried to sensitive crops include nearly vegetables and cotton.

APPLICATIONS:

When properly calibrated ground applicators use more gallons of water per acre. A 10 to 40 psi is recommended.

For coverage use a minimum of 20 gals per acre when applying PURSUIT to soybeans. Use higher gallonage on dense vegetation or heavy crop.

Be sure to ensure proper coverage of the crop by following the manufacturer's recommended spacing on the boom should only standard flat fan nozzle tips are spraying.

APPLICATIONS WITH A MELROE

When applied to soybeans with a Sprayer, apply PURSUIT with a nozzle that reaches the weeds before they reach the ground. Adequate control depends upon good spray coverage of the weeds. The sprayer must be calibrated to deliver the proper volume and pressure to ensure spray coverage of the weeds.

When using PURSUIT with a Sprayer, apply 40 to 50 gallons per acre of spray solution at a pressure between 40-50 psi for top

AERIAL APPLICATION:

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

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

Nozzle height above ground must be a maximum of 10 feet.

Nozzles must be pointed toward the rear of the aircraft. The downward angle of the nozzle should not be greater than 20 degrees.

To minimize wing-tip vortex roll, nozzles or spray boom must not be located any closer to end of wing or rotor than three-fourths the distance from the center of the aircraft.

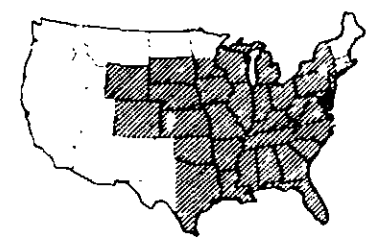
Use a maximum spray pressure of 40 psi. A buffer zone must be established between the area to be sprayed and sensitive crops.

DO NOT spray when wind velocity is greater than 5 mph. Coarse sprays (larger droplets) are less likely to drift.

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

PURSUIT HERBICIDE USE AREA

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



**USE RATE
(4 OUNCES PER ACRE)**

Apply PURSUIT at a broadcast rate of 4 ounces per acre (1.4 pint) for all methods of application: early preplant, preplant incorporated, preemergence (including minimum and no-till) and postemergence. At this broadcast rate, one gallon of PURSUIT will treat 32 acres of soybeans.

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

**WEEDS CONTROLLED
POSTEMERGENCE**

BROADLEAF WEEDS

Weeds Controlled 1-2 leaves (1-2 inches)

Lambsquarters common	Morningglory species
	entireleaf
	ivyleaf
	pitted
	tail
	Poinsettia wild

Weeds Controlled 1-4 leaves (1-3 inches)

Jimsonweed	Ragweed
Kochia	common
Marshelder	giant
Morningglory	Smartweed
smallflower	lady's thumb
Mustard species	Pennsylvania
Nightshade	Spurge
black	prostrate
Eastern black	spotted
hairy	Sunflower common
	Velvetleaf

Weeds Controlled up to 8 leaves

Artichoke	Pigweed (1-8")
Jerusalem (6-10")	palmer
Cocklebur (1-8")	redroot
	smooth
	spiny
	Waterhemp tail

GRASSES

Weeds controlled 1-3 leaves (1-3 inches)

Barnyardgrass	Foxtail
Crabgrass	giant
large	green
smooth	giant
Cupgrass* woolly	green
	robust
	purple
	robust
	white
	yellow
	Red rice

Weeds controlled 1-6 leaves (1-8 inches)

Johnsongrass seedling	Shattercane
-----------------------	-------------

POSTEMERGENCE applications of PURSUIT suppress and reduce competition from broadleaf signalgrass, Yellow nut sedge, rhizome Johnsongrass, barnyard sage and Canada thistle.

*PURSUIT controls emerged woolly cupgrass only.

**APPLICATION INSTRUCTIONS
POSTEMERGENCE**

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

Use a soil applied grass herbicide, such as PROWL, to control grass weeds not on the PURSUIT label, and to enhance the control of certain broadleaf weeds such as common lambsquarters. Refer to the PROWL for other grass herbicide label for specific use recommendations, rates and precautions.

NO-TILL, MINIMUM TILLAGE AND DOUBLECROP SOYBEANS:

PURSUIT effectively controls existing weeds and provides residual control of most weeds when applied early postemergence in NO TILL systems. The application may be applied either before or after emergence of the soybeans. (Refer to the WEEDS CONTROLLED POSTEMERGENCE chart for weeds controlled and recommended weed size.)

If PURSUIT is applied prior to emergence of the soybeans and weeds exceed the recom-

mended 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.)

ADDITIVES:

POSTEMERGENCE APPLICATIONS OF PURSUIT REQUIRE THE ADDITION OF A NON-IONIC SURFACTANT AND A LIQUID FERTILIZER SOLUTION.

SURFACTANTS: Use a non-ionic surfactant containing at least 80% active ingredient. Apply the surfactant at the rate of 1 qt. 100 gal. or use the surfactant Dash* at the rate of 1 qt. acre. When weeds are under moisture or temperature stress, the surfactant Dash is recommended.

NITROGEN FERTILIZER: Recommended nitrogen based fertilizers include liquid fertilizers (such as 28%N, 32%N or 10-34-0) at the rate of 1 - 2 qt./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 4 lbs. per acre.

* Dash is a trademark of BASF Corporation.

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

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

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

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

HERBICIDE COMBINATIONS

Broadleaf herbicides that can be tank mixed with PURSUIT include Basagran[®], Blazer[®], Galaxy[®], Storm[®], Cobra[®], Tackle[®], and Rellex[®]. Do not include the additive Dash[®] when Blazer, Galaxy, Storm, Cobra or Tackle are mixed with PURSUIT. Certain herbicides should not be applied with PURSUIT (see Page 14 for restrictions).

A selective postemergence grass herbicide such as Poast[®], Fusilade 2000[®], or Assure[®] may be mixed with PURSUIT to control volunteer corn or 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. Refer to the respective grass herbicide label for recommended application rate, weed size and restrictions.

* Basagran, Blazer, Dash, Storm, and Poast are trademarks of BASF Corporation.

* Cobra is a trademark of Valent Chemical Co.

* Tackle is a trademark of Rhone-Poulenc.

* Rellex and Fusilade 2000 are trademarks of ICI Americas Inc.

* Assure is a trademark of E. I. duPont de Nemours & Co., Inc.

WEEDS CONTROLLED BY SOIL APPLICATIONS OF PURSUIT ALONE

When applied as directed, PURSUIT soil-applied will control the following weeds:

BROADLEAF WEEDS

Carpetweed	Pigweed
Cocklebur, common**	smooth
Galinsoga	spiny
Jimsonweed*	Puncturevine
Kochia	Purslane, common
Lambsquarters, common*	Pusley, Florida
Morningglory	Sida, prickly*
smallflower	(teaweed)
Mustard species	Smartweed
Nightshade	ladysthumb
black	Pennsylvania
Eastern black	Spurge
hairy	prostrate
Pigweed	spotted
palmer	Sunflower, common*
redroot	Velvetleaf*
	Waterhemp, tall

GRASSES**

Foxtail	Johnsongrass
giant	seedling
giant green	
green	
robust purple	
robust white	
yellow	

* Common lambsquarters, Jimsonweed, prickly sida, velvetleaf, common sunflower and grass species are more consistently controlled by preplant incorporated treatments.

** Light to moderate infestations only. Must be preplant incorporated for best results.

PURSUIT soil applied will aid in the control of and reduce competition from:

BROADLEAF WEEDS

Buffalograss***	Ragweed
Mallow, Venice***	common
Morningglory***	giant***
entireleaf	
ivyleaf	
pitted	
tall	

GRASSES***

Barryardgrass	Panicum
Crabgrass	fall
large	Texas
smooth	Shattercane
Goosegrass	Signalgrass broad-
Nutsedge, yellow	leaf

*** More consistent control can be obtained from preplant incorporated treatments.

WEEDS CONTROL PREPLANT AND PREEMERGENCE COMBINATION TREATMENTS

When applied as directed, PURSUIT preplant or preemergence combined with PROWL[®], trifluralin, Lasso[®] or weeds listed in following table, controlled by PURSUIT alone.

GRASSES	PROWL [®]	trifluralin
Barryardgrass	X	X
Crabgrass, smooth	X	X
Crabgrass, large	X	X
Crownvetch	X	X
Goosegrass	X	X
Panicum, fall	X	X
Panicum, Texas	X	X
Sandbar, field	X	X
Shattercane	X ¹	X
Signalgrass	X ²	X
Witchgrass	X	X

* Preplant incorporated tank mixture, plus PROWL will suppress the growth of Johnsongrass.

** Preplant incorporated treatments.

8
7 of 8

BEST AVAILABLE COPY

vators, hoes, and one time
es deep and in the second
ly on coarse
sweeps. Do
intervals of 7
no soil is left
and operated
n the second
d according
thoroughly
to 3 inches
ding to the
incorporate
operated at 4
y and incor
driven equip

ROTATIONAL CROPS

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

1. Four months after last PURSUIT application:
Barley
Wheat
2. Nine and one-half months after last PURSUIT application:
Field corn
Peanuts
Tobacco

DO NOT plant sugarbeets, rapeseed (canola) or potatoes prior to 26 months after a PURSUIT application.

Sugarbeets are very sensitive to small amounts of PURSUIT in the soil. In addition to delaying the planting of sugarbeets 26 months, a field bioassay is required. The field bioassay will determine when it is safe to plant sugarbeets. To conduct the field bioassay, plant a strip of sugarbeets through the entire field and grow for 60 days. If no injury is observed, it is safe to plant sugarbeets the following year.

DO NOT plant other rotational crops prior to 18 months after a PURSUIT application.

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.

If soybeans are furrow irrigated, till the soil prior to planting winter wheat. 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 and soybean harvest.

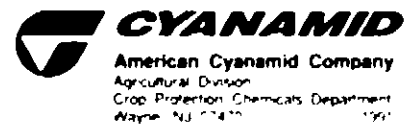
Do not graze or feed treated soybean forage, hay or straw to livestock.

DO NOT apply products containing chlorimuron ethyl, Classic[®], Canopy[®], Gemini[®], Lorox Plus[®], Preview[®], etc., imazaquin, SCEPTER[®]

SQUADRON[®], TRI SCEPT[®], SCEPTER[®] OTT[®], SCEPTER[®] 700G, and ALA SCEPT[®] herbicides) or products containing imazethapyr (PURSUIT, PURSUIT[®] PLUS, PASSPORT[®] herbicides) the same year as PURSUIT or injury to follow crops may occur.

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

[®]Classic, Canopy, Gemini, Lorox Plus and Preview are trademarks of E. I. du Pont de Nemours and Company.
[®]Command and Commence are trademarks of FMC Corporation.
[®]Registered Trademarks of American Cyanamid Company.



NET 50% is protected by the following Patents: U.S.A. 4,680,985; 4,592,572; 4,675,367; Canada 422,193; and others.



FOR USE IN SOYBEANS
ACTIVE INGREDIENT

INERT INGREDIENTS
TOTAL

EPA Reg. No. 241-370 EPA Est. No. 241-ER-2

KEEP OUT OF REACH OF CHILDREN
CAUTION!

STATEMENT OF PRACTICAL TREATMENT
IF ON SKIN

IF IN EYES



Net Contents: 1 quart (0.946 liter)
Registered Trademark of American Cyanamid Company 7-71

In case of an emergency endangering life or property, obtaining this product, call collect, day or night, area code 201-836-3100.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS

CAUTION

Harmful if inhaled or absorbed through skin. Avoid breathing spray mist. Avoid contact with skin. Eyes: Irritating. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

ENVIRONMENTAL HAZARDS

DO NOT apply directly to water or wetlands, swamps, bogs, marshes and pools. DO NOT contaminate water when disposing of empty containers or washwater.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Observe all precautions and limitations on this label and on the label of any product used in combination with PURSUIT. The label of any product not used with PURSUIT may have additional restrictions. Keep containers closed and do not inhale vapors. DO NOT apply this product to any water supply or irrigation system. See complete Guidelines for proper use and disposal.

STORAGE AND DISPOSAL

PROHIBITIONS: KEEP OFF APPROXIMATELY 30 INCHES below 32°F. DO NOT contaminate water, food, or feed by storage or disposal.

PESTICIDE DISPOSAL: If you must dispose of this product, it should be disposed of in accordance with local, state, and federal waste disposal regulations.

CONTAINER DISPOSAL: This container is recyclable. Then offer for recycling or reuse, or clean, reuse, and dispose of in a sanitary and safe manner as permitted by State and local authorities by burning, if burning is not out of the area.

See Disposal instructions on label.

Toxicity category	Signal word	Skull and crossbones and "Poison" required	Precautionary statements	Statements of practical treatment ¹
I LD ₅₀ up to and including 50 mg/kg	Danger	Yes	Fatal if swallowed. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco.	If Swallowed: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person. ²
II LD ₅₀ > 50 thru 500 mg/kg	Warning	No	May be fatal if swallowed. Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco.	Same as above
III LD ₅₀ > 500 thru 5000 mg/kg	Caution	No	Harmful if swallowed. Wash thoroughly with soap and water after handling.	Do
IV LD ₅₀ greater than 5000 mg/kg	do	No	None required.	None required.

¹Statements of practical treatment will be significantly different for products containing petroleum distillates or which are corrosive since the induction of vomiting may be contraindicated, depending on the overall oral toxicity of the product.

² An alternate statement may be used, for example: "If swallowed: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger, or, if available, by administering syrup of ipecac. Do not induce vomiting or give anything by mouth to an unconscious person."

TABLE 2—PRECAUTIONARY STATEMENTS FOR ACUTE DERMAL ABSORPTION HAZARD

Toxicity category	Signal word	Skull and crossbones and poison required	Precautionary statements	Statements of practical treatment
I LD ₅₀ up to and including 200 mg/kg	Danger	Yes	Fatal if absorbed through skin. Do not get in eyes, on skin, or on clothing. Wear protective clothing and rubber gloves. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Remove contaminated clothing and wash before reuse.	If on skin: Wash with plenty of soap and water. Get medical attention.
II LD ₅₀ > 200 thru 2000 mg/kg	Warning	No	May be fatal if absorbed through skin. Do not get in eyes, on skin, or on clothing. Wear protective clothing and rubber gloves. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Remove contaminated clothing and wash before reuse.	Same as above.
III LD ₅₀ > 2000 thru 5000 mg/kg	Caution	No	Harmful if absorbed through skin. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling.	Do.
IV LD ₅₀ > 5000 mg/kg	do	No	None required.	None required.

BEST AVAILABLE COPY

186

241-310

PM 25

BEST AVAILABLE COPY

Pu'suit
herbicide



FOR THE GOLF COURSE

KEEP OUT OF REACH OF CHILDREN
CAUTION! ; PRECAUCION!

 **CYANAMID**

NTEG

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

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.

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS**

CAUTION!

Harmful if inhaled or absorbed through skin. Avoid breathing spray mist. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

ENVIRONMENTAL HAZARDS

DO NOT apply directly to water or wetlands (swamps, bogs, marshes and potholes). 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.

ACCEPTED
AUG 13 1992
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under
EPA Reg. No. 241-310

9802

BEST AVAILABLE COPY

The mode of weed killing activity involves uptake of PURSUIT by weed roots and/or foliage 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.

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

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

MIXING INSTRUCTIONS

Fill the spray tank one-half to three-quarters full with clean water. Use a calibrated measuring device to measure the required amount of PURSUIT. Add PURSUIT to the spray tank while agitating. Fill the remainder of the tank with water.

For postemergence applications, add a non-ionic surfactant and a liquid fertilizer solution (10-34-0, 28 or 32% nitrogen) as the last ingredients in the tank. Ammonium sulfate may be used in place of a liquid fertilizer. The addition of fertilizer to the spray solution is required for optimum weed control. Maintain agitation while spraying to ensure a uniform

spray mixture. An antifoaming agent may be added to the tank if needed.

When tank mixing PURSUIT with recommended herbicides, add the other herbicide to the spray tank first and make sure it is thoroughly mixed before adding PURSUIT. When tank mixing Bronco¹, Roundup² or Gramoxone Super³ with PURSUIT and PROWL⁴ herbicide, Trifluralin, Lasso¹ or Dual⁵ add the products in the following order: (1) PROWL, trifluralin, Lasso or Dual, (2) Roundup or Gramoxone Super, (3) PURSUIT, (4) nonionic surfactant, and (5) liquid fertilizer.

If dicamba sprayer contamination is possible, refer to the appropriate dicamba label (Barvet, Marksman) 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.

¹ Bronco, Lasso and Roundup are trademarks of Monsanto Agricultural Products Company.
² Gramoxone Super is a trademark of ICI Americas, Inc.
³ Dual is a trademark of Ciba Geigy Corporation.
⁴ Prowl is a registered trademark of American Cyanamid Company.

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 or more gallons of water per acre. A spray pressure of 20 to 40 psi is recommended.

To ensure thorough coverage, use a minimum of 20 gallons of water per acre when applying PURSUIT to minimum or no-till soybeans. 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). The nozzle spacing on the boom should be 20 inches. Use only standard flat-fan nozzle tips.

Avoid overlaps when spraying.

PURSUIT APPLICATIONS WITH A MELROE SPRAY-COUPLE:

PURSUIT may be applied to soybeans with a Spray-Couple sprayer. When applying PURSUIT with a Spray-Couple, 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 Spray-Couple, apply a minimum of 10 gallons per acre of spray solution with a nozzle pressure between 40-60 psi for optimum coverage.

AERIAL APPLICATION:

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

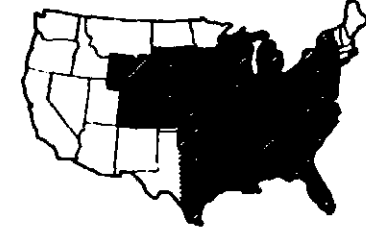
To avoid injury to sensitive crops from drift, aerial applicators must adhere to the following SPECIAL AERIAL USE DIRECTIONS AND PRECAUTIONS:

- Nozzle height above ground must be a maximum of 10 feet.
- Nozzles must be pointed toward the rear of the aircraft. The downward angle of the nozzle should not be greater than 20 degrees.
- To minimize wing-tip vortex roll, nozzles on 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.

PURSUIT HERBICIDE USE AREA

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



**USE RATE
(4 OUNCES PER ACRE)**

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

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

**WEEDS CONTROLLED
POSTEMERGENCE**

BROADLEAF WEEDS

Weeds Controlled 1-2 leaves (1-2 inches)	
Lambsquarters, common	Morningglory species entireleaf ivyleaf pitted tail
	Poinsettia, wild

Weeds Controlled 1-4 leaves (1-3 inches)

Jimsonweed	Ragweed
Kochia	common
Marshelder	giant
Morningglory	Smartweed
smallflower	ladyathumb
Mustard species	Pennsylvania
Nightshade	Surge
black	prostrate
Eastern black	spotted
hairy	Sunflower, common
	Velvetleaf

Weeds Controlled up to 8 leaves

Arichoke,	Pigweed (1-8")
Jerusalem (6-10")	palmer
Cocklebur (1-5")	radroot
	smooth
	spiny
	Waterhemp, tall

GRASSES

Weeds controlled 1-3 leaves (1-3 inches)

Barnyardgrass	Foxtail
Crabgrass	giant
large	green
smooth	giant
Cupgrass*, woolly	ivyleaf
	green
	robust
	purple
	robust
	white
	yellow
	Red rice

Weeds controlled 1-8 leaves (1-8 inches)

Johnsongrass	Shattercane
seedling	

POSTEMERGENCE applications of PURSUIT suppress and reduce competition from broadleaf signalgrass. Yellow nutsedge, rhizome Johnsongrass, barnyard sage and Canada thistle.

*PURSUIT controls emerged woolly cupgrass only

APP

POST
PURSU
control
at pre
bicide
when
they
other
the ma
mends
should
soybea
soybea
ing.
Use a
PROWL
PURSU
of cert
lanes
grass h
mends
NO-TI
BOAR
PURSU
weeds
weeds
NO TI
applied
the su
TROLL
weeds
size).
If PUR
the soy

386

BEST AVAILABLE COPY

INS
less than 10
to sensitive
vegetables.

ted ground
per acre. A
needed

imum of 20
g PURSUIT
application
heavy crop

coverage of
ures recom-
mended should
nozzle tips

MELROE

with a Spra-
SUIT with a
ey reach the
use control
coverage of
ed to deliver
pressure to
weeds

coupe, apply
ray solution
1 psi for op

AERIAL APPLICATION:

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

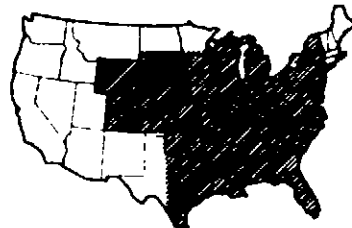
To avoid injury to sensitive crops from drift, aerial applicators must adhere to the following SPECIAL AERIAL USE DIRECTIONS AND PRECAUTIONS:

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

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

PURSUIT HERBICIDE USE AREA

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



USE RATE (4 OUNCES PER ACRE)

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

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

WEEDS CONTROLLED POSTEMERGENCE

BROADLEAF WEEDS

Weeds Controlled 1-2 leaves (1-2 inches)	
Lambsquarters common	Morningglory species entireleaf nyctleaf pitted tall
	Penstemon, wild

Weeds Controlled 1-4 leaves (1-3 inches)	
Jimsonweed	Ragweed
Kochia	common
Marshelder	giant
Morningglory	Smartweed
smallflower	ladythumb
Mustard species	Pennsylvania
Nightshade	Spurge
black	prostrate
Eastern black	spotted
hairy	Sunflower, common
	Velvetleaf

Weeds Controlled up to 8 leaves	
Arichoke	Pigweed (1-8")
Jerusalem (6-10")	palmer
Cocklebur (1-8")	redroot
	smooth
	spiny
	Waterhemp, tall

GRASSES

Weeds controlled 1-3 leaves (1-3 inches)	
Barnyardgrass	Foxtail
Crabgrass	giant
large	green
smooth	giant
Cupgrass*, woolly	green
	robust
	purple
	robust
	white
	yellow
	Red rice

Weeds controlled 1-6 leaves (1-6 inches)	
Johnsongrass	Shattercane
seedling	

POSTEMERGENCE applications of PURSUIT suppress and reduce competition from broadleaf signalgrass, Yellow nutsedge, rhizoma Johnsongrass, barnyard sage and Canada thistle.

*PURSUIT controls emerged woolly cupgrass only.

APPLICATION INSTRUCTIONS

POSTEMERGENCE

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

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

NO-TILL/MINIMUM TILLAGE AND DOUBLECROP SOYBEANS:

PURSUIT effectively controls existing weeds and provides residual control of most weeds when applied early postemergence in NO TILL systems. The application may be applied either before or after emergence of the soybeans. (Refer to the WEEDS CONTROLLED POSTEMERGENCE chart for weeds controlled and recommended weed size).

* PURSUIT is applied prior to emergence of the soybeans, and weeds exceed the recom-

BEST AVAILABLE COPY

ROTATIONAL CROPS

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

1 Four months after last PURSUIT application:
Barley
Wheat

2 Nine and one-half months after last PURSUIT application:
Field corn
Peanuts
Tobacco

DO NOT plant sugarbeets, rapeseed (canola) or potatoes prior to 26 months after a PURSUIT application.

Sugarbeets are very sensitive to small amounts of PURSUIT in the soil. In addition to delaying the planting of sugarbeets 26 months, a field bioassay is required. The field bioassay will determine when it is safe to plant sugarbeets. To conduct the field bioassay, plant a strip of sugarbeets through the entire field and grow for 60 days. If no injury is observed, it is safe to plant sugarbeets the following year.

DO NOT plant other rotational crops prior to 18 months after a PURSUIT application.

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.

If soybeans are furrow irrigated, till the soil prior to planting winter wheat. 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 and soybean harvest.

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

DO NOT apply products containing chlorimuron ethyl (Classic[®], Canopy[®], Gemini[®], Lorox Plus[®], Preview[®], etc) imazaquin (SCEPTER[®],

SQUADRON[®], TRI-SCEPT[®], SCEPTOR[®], SCEPTER[®] 700G, and ALA-SCEPT[®] herbicides) or products containing imazethapyr (PURSUIT, PURSUIT PLUS, PASSPORT[®] herbicides) the same year as PURSUIT or injury to follow crops may occur.

DO NOT tank mix PURSUIT with clozone containing herbicides (Command[®] or Commence[®]). PURSUIT may be applied postemergence following a soil application of Command or Commence.

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

[®]Command and Commence are trademarks of FMC Corporation.

[®]Registered Trademarks of American Cyanamid Company.



American Cyanamid Company
Agricultural Division
Crop Protection Chemicals Department
Wayne, NJ 07470 C1991

INTEG[™] is protected by the following Patents: U.S.A. 4680089, 4592572, 4675062, Canada 422793, and others.

Pu'suit

FOR USE IN SOYBEANS

KEEP OUT OF REACH OF CHILDREN

CAUTION!

STATEMENT OF THE AMERICAN CYPANAMID COMPANY

CAUTION!

STATEMENT OF THE AMERICAN CYPANAMID COMPANY

CAUTION!

STATEMENT OF THE AMERICAN CYPANAMID COMPANY

CAUTION!

STATEMENT OF THE AMERICAN CYPANAMID COMPANY

CAUTION!

STATEMENT OF THE AMERICAN CYPANAMID COMPANY

CAUTION!

STATEMENT OF THE AMERICAN CYPANAMID COMPANY

CAUTION!

STATEMENT OF THE AMERICAN CYPANAMID COMPANY

CAUTION!

STATEMENT OF THE AMERICAN CYPANAMID COMPANY

CAUTION!

STATEMENT OF THE AMERICAN CYPANAMID COMPANY

CAUTION!

STATEMENT OF THE AMERICAN CYPANAMID COMPANY

CAUTION!

STATEMENT OF THE AMERICAN CYPANAMID COMPANY

CAUTION!

STATEMENT OF THE AMERICAN CYPANAMID COMPANY

CAUTION!

ACCEPTED

12 1991

Under the Federal Insecticide, Fungicide, and Rodenticide Act

Registration No. 241-311

EPA Reg. No. 241-311

WEEDS CONTROLLED BY SOIL APPLICATIONS OF PURSUIT ALONE

Applied as directed, PURSUIT soil-applied will control the following weeds

BROADLEAF WEEDS	
Smartweed	Pigweed
Smartweed, common**	Smooth
Smartweed	Spiny
Smartweed	Puncturevine
Smartweed, common*	Purslane, common
Smartweed	Purslane, Florida
Smartweed	Sida, prickly*
Smartweed	(leafweed)
Smartweed	Smartweed
Smartweed	Ladysthumb
Smartweed	Pennsylvania
Smartweed	Spurge
Smartweed	Prostrate
Smartweed	Spotted
Smartweed	Sunflower, common*
Smartweed	Velvetleaf*
Smartweed	Waterhemp, tall

GRASSES*	
Johnsongrass	seeding

* Common lambsquarters, jimsonweed, prickly sida, velvetleaf, common sunflower and grass species are more consistently controlled by preplant incorporated treatments

** Light to moderate infestations only. Must be preplant incorporated for best results

PURSUIT soil applied will aid in the control of and reduce competition from

BROADLEAF WEEDS

Buffalograss***	Ragweed
Mallow, Venice***	common
Morningglory***	giant***
entireleaf	
nyctaleaf	
peeled	
tall	

GRASSES***

Barnyardgrass	Panicum
Crabgrass	tall
large	Texas
smooth	Shattercane
Goosegrass	Signalgrass, broad
Nutsedge, yellow	leaf

*** More consistent control can be obtained from preplant incorporated treatments

WEEDS CONTROLLED BY PREPLANT AND PREEMERGENCE COMBINATION TREATMENTS

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

GRASSES	PROWL ¹	trifluralin ²	Lasso	Dual
Barnyardgrass	X	X	X	X
Crabgrass, smooth	X	X	X	X
Crabgrass, large	X	X	X	X
Crowfootgrass	X	X		
Goosegrass	X	X	X	X
Panicum, tall	X	X	X	X
Panicum, Texas	X	X		
Sandbur, held	X	X		
Shattercane	X ³	X		
Signalgrass				
broadleaf	X ³	X	X	X
Witchgrass	X	X	X	X

¹ Preplant incorporated tank mixture applications of PURSUIT plus PROWL will suppress the growth of echinops and proso millet and, in some Johnsongrass.

² Preplant incorporated treatments only.

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.

HERBICIDE COMBINATIONS

PURSUIT is active against many grass species. However, when heavy grass pressure is anticipated, PURSUIT should be used in combination with one of the following registered soil-applied grass herbicides: PROWL herbicide, trifluralin, Lasso or Dual.

PURSUIT may be applied either preplant incorporated or preemergence in tank mix combination with metribuzin (Sencor[®] or Lax[®]) or preemergence with linuron (Lorox[®] or Linex[®]). 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 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.

¹ Sencor is a trademark of Mobay Corporation.

² Laxone and Lorox are trademarks of E. I. du Pont de Nemours and Company.

³ Linex is a trademark of Griffin Ag Products Co., Inc.

SOIL APPLICATIONS WITH LIQUID FERTILIZERS

PURSUIT can be applied to the soil in liquid fertilizers, alone or in combination with PROWL, trifluralin, Lasso or Dual. Follow all PURSUIT label recommendations regarding incorporation, timing of application, special instructions and precautions. Apply treatments in 20 or more gallons of liquid fertilizer per acre with ground equipment. Always test the compatibility of PURSUIT 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 or at planting in conventional, reduced tillage or no-till production systems.

PURSUIT may be surface applied prior to soybean planting (up to 45 days) if sufficient rain does not occur before planting to activate PURSUIT, mechanically incorporate before planting.

CONVENTIONAL TILLAGE:

PURSUIT may be applied after planting soybeans but before crop emergence or up to 45 days prior to planting. If moisture is insufficient, a thorough shallow tillage or cultivation (preferably with a rotary hoe) is recommended to improve weed control.

NO-TILL OR REDUCED TILLAGE:

Apply PURSUIT treatments before, during or after planting 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.

For maximum grass control, tank mix PURSUIT with PROWL, Lasso or Dual. To kill existing vegetation, Gramoxone Super or Roundup may be tank mixed with PURSUIT alone or in combination with PROWL, Lasso or Dual. Gramoxone Super or Roundup should be deleted from the tank mixture if vegetation is absent at the time of application. Refer to the respective labels for use rates and precautions.

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. Application may be made up to 45 days prior to planting. Mechanical incorporation can be achieved by one of the following:

- (a) Disk harrow set to cut 3 to 4 inches deep and operated at 4 to 5 mph with the second pass at an angle to the first.

- (b) PTO-driven equipment set to cut 2-3 inch at 4 mph or less.

- (c) Rolling cultivator operated two times at an angle textured soils.

- (d) Field cultivator is not use chisel plow inches or less are unturned, set to cut two times at most pass at an angle.

- (e) LELY-ROTERRA to the manufacturer incorporate PURSUIT.

- (f) Do-AM set and manufacturer's PURSUIT 1 to 3: to 5 mph.

If soybeans are plan

porate after bed form

ment or a rolling culti-

¹LELY ROTERRA is a r.

686
mended 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).

ADDITIVES:

POSTEMERGENCE APPLICATIONS OF PURSUIT REQUIRE THE ADDITION OF A NON-IONIC SURFACTANT AND A LIQUID FERTILIZER SOLUTION.

SURFACTANTS: Use a non-ionic surfactant containing at least 80% active ingredient. Apply the surfactant at the rate of 1 qt./100 gal. or use the surfactant Dash¹ at the rate of 1 qt./acre. When weeds are under moisture or temperature stress, the surfactant Dash is recommended.

NITROGEN FERTILIZER: Recommended nitrogen based fertilizers include liquid fertilizers (such as 28%N, 32%N or 10-34-0) at the rate of 1 - 2 qt./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 4 lbs. per acre.

¹ Dash¹ is a trademark of BASF Corporation.

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

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

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

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

HERBICIDE COMBINATIONS

Broadleaf herbicides that can be tank mixed with PURSUIT include Basagran², Blazer³, Galaxy⁴, Storm⁵, Cobra⁶, Tackle⁷, and Reflex⁸. Do not include the additive Dash¹ when Blazer, Galaxy, Storm, Cobra or Tackle are mixed with PURSUIT. Certain herbicides should not be applied with PURSUIT (see Page 14 for restrictions).

A selective postemergence grass herbicide such as Poast⁹, Fusilade 2000⁹, or Assure⁹ may be mixed with PURSUIT to control volunteer corn or 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. Refer to the respective grass herbicide label for recommended application rate, weed size and restrictions.

¹ Dash¹ is a trademark of BASF Corporation.
² Basagran is a trademark of Valent Chemical Co.
³ Tackle is a trademark of Rhône-Poulenc.
⁴ Reflex and Fusilade 2000 are trademarks of ICI Americas, Inc.
⁵ Assure is a trademark of E. I. duPont de Nemours & Co., Inc.

WEEDS CONTROLLED BY SOIL APPLICATIONS OF PURSUIT ALONE

When applied as directed, PURSUIT soil-applied will control the following weeds:

BROADLEAF WEEDS

Carpetweed	Pigweed
Cocklebur, common ^{**}	smooth
Galinsoja	spiny
Jimsonweed [*]	Puncturevine
Kochia	Purslane, common
Lambsquarters, common [*]	Pusley, Florida
Morningglory	Sida, prickly [*]
smallflower	(leafweed)
Mustard species	Smartweed
Nightshade	ladythumb
black	Pennsylvania
Eastern black	Spurge
hairy	rostrate
Pigweed	spotted
palmer	Sunflower, common [*]
redroot	Velvetleaf [*]
	Waterhemp, tall

GRASSES^{***}

Foxtail	Johnsongrass
giant	seedling
giant green	
green	
robust purple	
rusty white	
yellow	

WEED PREPLAN COMBIN

When applied as preplant or preemergence treatments, PURSUIT will control the following weeds:

GRASSES^{***}

Barleygrass	Panicum
Crabgrass, smooth	fall
Crabgrass, large	Texas
Crowfootgrass	Shattercane
Goosegrass	Signalgrass, broad-
	leaf
Panicum, fall	
Panicum, Texas	
Sandbar, field	
Shattercane	

^{*} Common lambsquarters, jimsonweed, prickly sida, velvetleaf, common sunflower and grass species are more consistently controlled by preplant incorporated treatments.

^{**} Light to moderate infestations only. Must be preplant incorporated for best results.

PURSUIT soil applied will aid in the control of and reduce competition from:

BROADLEAF WEEDS

Butterbur ^{***}	Ragweed
Mallow, Venice ^{***}	common
Morningglory ^{***}	giant ^{***}
entireleaf	
lyleaf	
pleed	
tail	

GRASSES^{***}

Barleygrass	Panicum
Crabgrass	fall
large	Texas
smooth	Shattercane
Goosegrass	Signalgrass, broad-
Nutsedge, yellow	leaf

^{***} More consistent control can be obtained from preplant incorporated treatments.

Signalgrass
broadleaf

Witchgrass

^{*} Preplant incorporate plus PROWL, wetter and thuror.
^{**} Preplant incorporate

BEST AVAILABLE COPY