

# GRASS WEEDS

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

## SEDGES

Nutsedge				
purple	C	C	3	1-3
yellow	C	C	3	1-3

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

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

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

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

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

The sequential (split) application of PURSUIT DG consists of an application of 1 soluble bag of product per 10 acres applied either preplant incorporated or preemergence followed by 1 soluble bag of product per 10 acres applied either at ground-crack or postemergence.

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

# HERBICIDE COMBINATIONS

## GRASS WEEDS

When applied as directed, PURSUIT DG preplant incorporated or preemergence combination treatments with PROWL 3.3EC herbicide, trifluralin, Lasso, Dual, Balan<sup>1</sup>, Sonalan<sup>1</sup> or Vernam<sup>7</sup> will control the weeds listed in following table, in addition to those controlled by PURSUIT DG alone.

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

<sup>a</sup> Preplant incorporated tank-mixture applications of PURSUIT DG plus PROWL 3.3EC will suppress the growth of itchgrass, and rhizome johnsongrass.

<sup>b</sup> Preplant incorporated treatments only.

A selective postemergence grass herbicide such as Poast Plus, Bugle<sup>11</sup> or Whip<sup>11</sup> may be mixed with PURSUIT DG to control grasses not controlled by PURSUIT DG. In some cases the activity of the grass herbicide may be reduced when mixed with PURSUIT DG. The reduction in activity may be overcome by delaying the application of the postemergence grass herbicide 7 days following the application of PURSUIT DG. If the postemergence grass herbicide is applied first, wait 3 days before applying PURSUIT DG. Refer to the respective grass herbicide label for recommended application rate, weed size and restrictions.

## BROADLEAF WEEDS

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

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

PURSUIT DG may also be applied postemergence in tank-mixture with Bravo<sup>14</sup>, Bravo S<sup>14</sup>, Orthene<sup>10</sup> or Solubor<sup>15</sup>.

## RED KIDNEY BEANS - DIRECTIONS FOR USE

### PURSUIT DG HERBICIDE USE AREA (RED KIDNEY BEANS)

(For use in California only)

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

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

#### USE RATE

(1.08 OUNCES PER ACRE)

(1 ECO-PAK soluble bag treats 6 2/3 acres)

Apply PURSUIT DG at a broadcast rate of 1 soluble bag (7.2 ounces) per 6 2/3 acres postemergence only.

DO NOT apply by aerial application.

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

Allow at least 60 days between application and harvest.

#### WEEDS CONTROLLED

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

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

#### WEEDS

##### POSTEMERGENCE

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

## ROTATIONAL CROP GUIDELINE

The following rotational crops may be planted after applying PURSUIT DG at the recommended rate: (Planting earlier than the recommended interval may result in crop injury).

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

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

\*Following forty months after a PURSUIT DG 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.

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.

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Use of PURSUIT DG herbicide in accordance with label directions is expected to result in normal growth of rotational crops in most situations; however, various environmental and agronomic factors make it impossible to eliminate all risks associated with the use of this product and, therefore, rotational crop injury is always possible.

## **EXCEPTIONS TO ROTATIONAL CROP GUIDELINE**

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

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

**Corn inbred lines:** Corn inbred seed lines may be planted the year following an application of PURSUIT DG. Several seed companies have tested a wide range of inbreds for sensitivity to PURSUIT DG 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 DG 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 DG shall be assumed by the user.

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

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

**Flax:** (North Dakota and northern Minnesota (north of highway #210) Do not plant flax until 26 months following an application of PURSUIT DG.

## PRECAUTIONS

### IMI-Corn

There should be an interval of at least 45 days between an application of PURSUIT DG and corn harvest (silage, fodder, or grain). DO NOT graze or feed treated corn forage, silage, fodder, or grain for at least 45 days after an application of PURSUIT DG.

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

Imidazolinone tolerant hybrids from other seed companies may occasionally exhibit injury symptoms when soil insecticides are used in combination with PURSUIT DG. DO NOT USE COUNTER® 15G insecticide in-furrow with imidazolinone tolerant corn hybrids. Other registered organophosphate insecticides such as banded applications of COUNTER 15G, COUNTER® CR® or THIMET®, or in-furrow applications of COUNTER CR or other registered carbamate or pyrethroid insecticides may be used in combination with PURSUIT DG applications. American Cyanamid has not tested all hybrids in which the imidazolinone tolerance trait is claimed and cannot be responsible for factors which are beyond its control, such as growing conditions, environmental conditions, grower practices and the specific genetics of each hybrid tolerance to PURSUIT DG and insecticide applications.

### Alfalfa

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

### Soybeans

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

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

PURSUIT DG applications should be made before soybean bloom.

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

DO NOT tank-mix PURSUIT DG with clomazone containing herbicides (Command<sup>16</sup> or Commence<sup>16</sup>). PURSUIT DG may be applied postemergence following a soil application of Command or Commence.

### Peanuts

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

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

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

DO NOT apply PURSUIT® PLUS EC or PASSPORT® to peanuts the same year as PURSUIT DG.



## General (all crops)

Except where stated on a Supplemental Label or in this label, DO NOT apply products containing chlorimuron ethyl (Classic, Canopy<sup>2</sup>, Synchrony<sup>2</sup>, Gemini<sup>2</sup>, Lorox Plus<sup>2</sup>, Preview<sup>2</sup>, etc.), flumetsulam (Broadstrike + Dual, Broadstrike + Treflan<sup>1</sup>, Broadstrike Plus Corn), imazaquin (SCEPTER<sup>®</sup>, SQUADRON<sup>®</sup>, TRI-SCEPT<sup>®</sup>, SCEPTER<sup>®</sup> O.T.<sup>®</sup>, SCEPTER<sup>®</sup> 70DG, or DETAIL<sup>®</sup>) or products containing imazethapyr (CONTOUR<sup>®</sup>, RESOLVE<sup>®</sup>, PURSUIT<sup>®</sup>, PURSUIT<sup>®</sup> PLUS EC, PASSPORT<sup>®</sup>), the same year as PURSUIT DG or injury to follow crops may occur.

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

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

<sup>1</sup>Broadstrike, Treflan, Balan, Sonolan, and Lorsban are trademarks of DowElanco.

<sup>2</sup>Accent, Basic, Classic, Concert, Pinnacle, Staple, Synchrony, Assure, Lexone, Lorox, Lorox Plus, Canopy, Gemini and Preview are trademarks of E.I. duPont de Nemours & Co., Inc.

<sup>3</sup>Exceed and Dual are trademarks of Ciba-Geigy Corporation.

<sup>4</sup>Permit, Lasso, Roundup, Bronco and Harness are trademarks of Monsanto Agricultural Company.

<sup>5</sup>SUN-IT II is a trademark of Agsco, Inc.

<sup>6</sup>Banvel, Marksman, Clarity and Frontier are trademarks of Sandoz Crop Protection Corporation.

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

<sup>8</sup>Poast, Basagran, Blazer, Galaxy, Storm, and Poast Plus are trademarks of BASF Corporation.

<sup>9</sup>Buctril is a trademark of Rhone-Poulenc.

<sup>10</sup>Cobra, Select and Orthene are trademarks of Valent Chemical Co.

<sup>11</sup>Option, Bugle and Whip are trademarks of AgrEvo USA Co.

<sup>12</sup>Sencor is a trademark of Miles Corporation.

<sup>13</sup>Linex is a trademark of Griffin Ag Products Co., Inc.

<sup>14</sup>Bravo and Bravo S are trademarks of Fermenta ASC Corp.

<sup>15</sup>Solubor is a trademark of U.S. Borax & Chemical Corp.

<sup>16</sup>Command and Commence are trademarks of FMC Corporation.

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

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

**PURSUIT® DG**  
herbicide

Outer container  
**ECO-PAK™**  
Water soluble packets

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

\*(Apply only on IMI-Com™ hybrids)

**ACTIVE INGREDIENT:**

Imazethapyr (±)-2-[4,5-dihydro-4-methyl-  
4-(1-methylethyl)-5-oxo-1H-imidazol-2-yl]-5-ethyl-3-  
pyridinecarboxylic acid ..... 70.0%  
**INERT INGREDIENTS** ..... 30.0%  
**TOTAL** ..... 100.0%

**PURSUIT DG in a water soluble bag.**

(1 bag contains 0.31 pounds of active ingredient as the free acid)

EPA Reg. No. 241-350

EPA Est. No.

**KEEP OUT OF REACH OF CHILDREN**

**WARNING!/AVISO!**

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 IN EYES:** Hold eyelids open and flush with a steady, gentle  
stream of water for 15 minutes.  
**IF ON SKIN:** Wash with plenty of soap and water. Get medical attention.  
**IF SWALLOWED:** Drink promptly a large quantity of milk, egg white, gelatin solution, or, if these  
are not available, large quantities of water. Avoid alcohol.

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

Do not remove packages from container except for immediate use.

See inside for additional precautionary statements

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

Net Contents: 2 X 7.2 ounce ECO-PAK packets

®/™ Trademarks of American Cyanamid Company

**ACCEPTED**  
~~with COMMENTS~~  
In EPA Letter Dated

OCT 31 1995

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

241-350

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## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS

#### WARNING!

Causes substantial but temporary eye injury. Harmful if absorbed through skin. Avoid contact with skin, eyes or clothing.

#### Personal Protective Equipment (PPE):

Applicators and other handlers must wear:

- long-sleeved shirt and long pants
- waterproof gloves
- shoes plus socks
- protective eyewear.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. 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.

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#### User Safety Recommendations:

Users Should:

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

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

DO NOT contaminate water when disposing of equipment washwaters.

### DIRECTIONS FOR USE

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

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

This labeling must be in the possession of the user at the time of pesticide application.

Observe all cautions and limitations on this label and on the labels of products used in combination with PURSUIT DG. Do not use PURSUIT DG other than in accordance with the instructions set forth on this label. The use of PURSUIT DG 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.

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## AGRICULTURAL USE REQUIREMENTS

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

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours. Exception: if the product is soil-injected or soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

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

- coveralls
- waterproof gloves
- shoes plus socks
- protective eyewear

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## STORAGE AND DISPOSAL

**PROHIBITIONS:** 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:** DO NOT reuse outer packaging. Dispose of outer packaging in a sanitary landfill, or by incineration, or if allowed by state and local authorities, by burning. If burned stay out of smoke.

## DISCLAIMER

The label instructions for the use of this product reflect the opinion of experts based on research and field use. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, herbicide resistant weed populations, or the use of, or application of the product contrary to label instructions, all of which are beyond the control of American Cyanamid Company. All such risks shall be assumed by the user.

American Cyanamid Company shall not be responsible for losses or damages resulting from use of this product in any manner not set forth on this label. User assumes all risks associated with the use of this product in any manner not specifically set forth on this label.

American Cyanamid Company warrants only that the material contained herein conforms to the chemical description on the label and is reasonably fit for the use therein described when used in accordance with the directions for use, subject to the risks referred to above. **CYANAMID DOES NOT MAKE OR AUTHORIZE ANY AGENT OR REPRESENTATIVE TO MAKE ANY OTHER WARRANTIES, EXPRESS OR IMPLIED AND EXPRESSLY EXCLUDES AND DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.**

**BUYER'S EXCLUSIVE REMEDY AND AMERICAN CYANAMID'S EXCLUSIVE LIABILITY, WHETHER IN CONTRACT, TORT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE SHALL BE LIMITED TO REPAYMENT OF THE PURCHASE PRICE OF PURSUIT DG.** In case shall Cyanamid or the seller be liable for consequential, special or indirect damages resulting from the use or handling of this product.

### Uses With Other Products (Tank-mixes)

If this product is used in combination with any other product except as specifically recommended in writing by American Cyanamid Company, then American Cyanamid Company shall have no liability for any loss, damage or injury arising out of its use in any such combination not so specifically recommended. If used in combination recommended by American Cyanamid Company, the liability of American Cyanamid Company shall in no manner extend to any damage, loss or injury not directly caused by the inclusion of the American Cyanamid Company product in such combination use, and in any event shall be limited to return of the account of the purchase price of the American Cyanamid Company product.

## GENERAL INFORMATION

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

PURSUIT DG kills weeds by root and/or foliage uptake and rapid translocation to the growing points. Adequate soil moisture is important for optimum PURSUIT DG activity. When adequate soil moisture is present, PURSUIT DG will provide residual control of susceptible germinating weeds; activity on established weeds will depend on the weed species and the location of its root system in the soil.

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

Crops growing under stressful environmental conditions can exhibit various injury symptoms which may be more pronounced if herbicides are used. Corn plants treated with PURSUIT DG may exhibit yellowing on new growth. Such effects occur infrequently and are temporary. Normal growth and appearance should resume within 1 to 2 weeks.

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

When organo-phosphate (such as Lorsban<sup>1</sup>) or carbamate insecticides are tank-mixed with PURSUIT DG herbicide, temporary injury may result to the treated crops.

Use of PURSUIT DG herbicide in accordance with label directions is expected to result in normal growth of rotational crops in most situations; however, various environmental and agronomic factors make it impossible to eliminate all risks associated with the use of this product and, therefore, rotational crop injury is always possible. Under some conditions (such as heavy texture soil, high organic matter, low pH or low rainfall) PURSUIT DG may cause injury to subsequent planted crops. Vegetable crops and particularly sugar beets are sensitive to PURSUIT DG residues in the soil.

Naturally occurring biotypes\* of some of the weeds listed on this label may not be effectively controlled by this and/or other products with either the ALS/AHAS enzyme inhibiting mode of action. Other herbicides with the ALS/AHAS enzyme inhibiting mode of action include the sulfonylureas (e.g., Accent<sup>2</sup>, Basic<sup>2</sup>, Classic<sup>2</sup>, Concert<sup>2</sup>, Exceed<sup>3</sup>, Permit<sup>4</sup>, Pinnacle<sup>2</sup>, etc.), the sulfonamides (e.g., Broadstrike<sup>1</sup>, etc.) and the pyrimidyl benzoates (e.g. Staple<sup>2</sup>, etc.). If naturally occurring ALS/AHAS resistant biotypes are present in a field, Pursuit DG 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 DG, the field may be replanted to soybeans, peanuts or Imi-Corn (imidazolinone resistant/tolerant corn), lima beans or Southern peas. Rework the soil no deeper than the treated zone. Do not apply a second treatment of PURSUIT DG.

### MIXING INSTRUCTIONS

POSTEMERGENCE APPLICATIONS OF PURSUIT DG REQUIRE THE ADDITION OF AN ADJUVANT AND A LIQUID FERTILIZER SOLUTION (EXCEPT IN CALIFORNIA).

#### I. ADJUVANTS

**SURFACTANTS:** Use a non-ionic surfactant containing at least 80% active ingredient. Apply the surfactant at the rate of 1 quart per 100 gallons of spray mixture. An organo-silicone surfactant may be used in place of a non-ionic surfactant.

OR

**CROP OIL CONCENTRATE:** Instead of a surfactant, a petroleum or vegetable seed based oil concentrate (such as SUN-IT II<sup>5</sup>) may be used. SUN-IT II is recommended when weeds are under moisture or temperature stress. Use SUN-IT II or other methylated seed oils at the rate of 1.5 to 2 pints



per acre (use the higher rate when weeds are at the maximum label size), or use a crop oil concentrate at 2 pints per acre.

AND

## II. LIQUID FERTILIZER SOLUTION (Except in California)

Recommended nitrogen based fertilizers include liquid fertilizers (such as 28%N, 32%N or 10-34-0) at the rate of 1-2 quarts per acre. Use the higher rate when weeds are under moisture or temperature stress. Instead of a liquid fertilizer, spray grade ammonium sulfate may be used at the rate of 2.5 lbs per acre.

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

Fill the spray tank one-fourth to one-half full with clean water. Add the required number of PURSUIT DG soluble packets to the spray tank while agitating. Add adjuvants and fill the remainder of the tank with water.

## TANK MIX COMBINATIONS WITH OTHER HERBICIDES

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

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

If PURSUIT DG is applied in liquid fertilizer as a carrier, PURSUIT DG must first be dissolved in a water slurry. Premix PURSUIT DG in a minimum of one gallon of water per ECO-PAK prior to adding to the spray tank.

DO NOT add PURSUIT DG ECO-PAK packets directly into liquid fertilizer.

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

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

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

## SPRAYING INSTRUCTIONS

DO NOT apply when wind velocity is greater than 10 mph, or when spray may be carried to sensitive crops. Sensitive crops include leafy vegetables and sugar beets.

## **GROUND APPLICATIONS:**

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

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

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

Avoid overlaps when spraying.

## **PURSUIT DG APPLICATIONS WITH A LOW VOLUME SPRAYER**

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

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

## **AERIAL APPLICATION:**

PURSUIT DG herbicide may be applied by air only to alfalfa, soybeans and IMI-Corn. DO NOT apply by air to other crops. DO NOT apply by air in California.

Uniformly apply with properly calibrated aerial equipment in 5 or more gallons of water per acre. When applied POSTEMERGENCE, the addition of a non-ionic surfactant AND fertilizer solution are required for optimum weed control. Apply a non-ionic surfactant at the rate of 1 quart per 100 gallons of spray mixture OR a crop oil concentrate at the rate of 1.25 gallons per 100 acres of spray solution 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 DG in a manner other than recommended in this label. In addition, applicator must follow all applicable state and local regulations and ordinances in regard to spraying.

## APPLICATION INFORMATION

### POSTEMERGENCE

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

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

When PURSUIT DG 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 DG 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 DG application. This timely cultivation will enhance residual weed control, especially under dry conditions.

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

#### NO-TILL/MINIMUM TILLAGE AND DOUBLECROP SOYBEANS:

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

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

#### SOIL APPLICATIONS

) PURSUIT DG provides effective weed control in conservation tillage systems designed to meet conservation compliance requirements. PURSUIT DG 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 DG 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 DG 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 DG controls weeds by uptake by weed roots and translocation to the growing points where it stops weed growth. Susceptible weeds may emerge, growth will stop and the weeds will either die or are not competitive with the crop.

## SOIL APPLICATIONS WITH LIQUID FERTILIZERS

PURSUIT DG can be applied to the soil in liquid fertilizers, alone or in combination with PROWL<sup>®</sup> 3.3EC, Frontier<sup>6</sup> Lasso<sup>4</sup> or Dual<sup>3</sup> to soybeans or IMI-Corn. Mixtures including trifluralin may be applied to soybeans only. Follow all PURSUIT DG 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 DG with the liquid fertilizer before mixing in the spray tank.

## PREEMERGENCE (SURFACE APPLICATIONS)

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

### NO-TILL OR REDUCED TILLAGE:

Apply PURSUIT DG treatments before, during or after planting. To ensure thorough coverage, use a minimum of 20 gallons of water per acre. Use higher gallonage for fields with dense vegetation or heavy crop residues.

For maximum grass control, tank-mix PURSUIT DG with PROWL 3.3EC, Frontier, Lasso or Dual. To kill existing vegetation, Gramoxone Extra<sup>7</sup>, Starfire<sup>7</sup>, Roundup<sup>4</sup> or 2,4-D (early preplant - see 2,4-D label for restrictions) may be tank-mixed with PURSUIT DG alone or in combination with PROWL 3.3EC, Frontier, Lasso or Dual. Gramoxone Extra, Starfire, Roundup or 2,4-D should be deleted from the tank-mixture if vegetation is absent at the time of application.

**NOTE:** Adjust planters to ensure adequate seed coverage.

## PREPLANT INCORPORATED APPLICATIONS

PURSUIT DG 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 DG in the surface 1 to 2 inches of the finished beds. Application may be made up to 45 days prior to planting soybeans.

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

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

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

**DIRECTIONS FOR USE**

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

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

**COVER CROPS:**

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

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

**APPLICATION RATE:** Apply PURSUIT DG at the rate of 1 (one) ECO-PAK soluble bag per 5 acres to be sprayed.

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

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

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

## **CROPS**

### **ALFALFA - DIRECTIONS FOR USE**

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#### **PURSUIT DG HERBICIDE USE AREA**

##### **USE RATE (1.08 - 2.16 OUNCES PER ACRE)**

Apply PURSUIT DG at a broadcast rate of 1.08 to 2.16 ounces per acre postemergence only.

A maximum of 2.16 ounces of PURSUIT DG per year may be applied to alfalfa.

DO NOT apply PURSUIT DG at more than 1.08 ounces per acre in North Dakota or Minnesota north of highway #210.

Do not apply to alfalfa during the last year of the stand in western states and where greater than 1.44 ounces of product is applied. (Western states include: Washington, Oregon, California, Montana, Idaho, Utah, Nevada, Wyoming, Colorado, Arizona, New Mexico, Texas (west of highway 1-35), Kansas (west of highway #281), Nebraska (west of highway #281), and South Dakota (west of highway #281).

#### **SEEDLING ALFALFA**

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

#### **ESTABLISHED ALFALFA**

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

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

#### **WEEDS CONTROLLED**

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

**NOTE: C = Control, R = Reduced Competition**

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

# BROADLEAF WEEDS CONTROLLED

11/17/77

Weeds Controlled 1-3 Inches*	PURSUIT DG APPLICATION RATE		
	1.08 Oz/A	1.44 Oz/A	2.16 Oz/A
Artichoke, Jerusalem	R	C	C
Beets, wild	C	C	C
Bedstraw, catchweed		C	C
Buckwheat, wild		C	C
Chickweed			
common	R	C	C
mouseear	R	C	C
Cocklebur, common	R	C	C
Dandelion		R	R
Dock,			
broadleaf (seedling)			R
curly (seedling)			R
Fiddleneck			R
Filaree			
redstem		R	C
whitestem		R	C
Flixweed	R	C	C
Goosefoot, nettleleaf	R	C	C
Grounsl, common			R
Henbit		R	C
Jimsonweed		C	C
Knotweed, prostrate		R	C
Kochia	R	C	C
Lambsquarter,			
common (1-2 leaves)		R	R
Lettuce, miners		C	C
Mallow,			
common		C	C
little		C	C
Marshelder		C	C
Morningglory,			
entireleaf			C
ivyleaf			C
pitted			C
smallflower		C	C
tall			C
Mustards			
tumble	C	C	C
wild	C	C	C
black	C	C	C
Nettle, burning		C	C

\*Apply PURSUIT DG to weeds 1-3 inches tall or when rosettes are 1-3 inches wide. This will generally occur when weeds have 2-6 leaves.

Weeds Controlled 1-3 inches	PURSUIT DG APPLICATION RATE		
	1.08 Oz/A	1.44 Oz/A	2.16 Oz/A
Nightshade			
black	C	C	C
Eastern black	C	C	C
hairy	C	C	C
Oxtongue, bristly			R
Pennycress, field	C	C	C
Pepperweed,			
field	C	C	C
Virginia	R	C	C
Pigweed			
redroot	C	C	C
smooth	R	C	C
spiny		C	C
Radish, wild		R	C
Ragweed			
common		C	C
giant		C	C
Redmaids		C	C
Rocket			
London	C	C	C
yellow	R	C	C
Rockpurslane, deser			C
Shepherdspurse	C	C	C
Smartweed			
ladysthumb	R	C	C
Pennsylvania	R	C	C
swamp (seedling)		C	C
Spurge			
prostrate		R	C
spotted		R	C
petty		C	C
Spurry, corn		C	C
Sunflower, common	R	C	C
Swinecress		C	C
Tansymustard			
green	C	C	C
pinnate	C	C	C
Thistle, Russian	R	C	C
Velvetleaf	R	C	C
Wartcress, creeping		C	C
Watercress		C	C
Willowweed, panicle		C	C



## GRASSES AND SEDGES CONTROLLED

Weeds Controlled*	PURSUIT DG APPLICATION RATE	
	1-3 Inches	1.44 Oz/A    2.16 Oz/A
Barnyardgrass	R	C
Bluegrass, annual		R
Canarygrass, littleseed	R	R
Cereals, volunteer		
barley	R	R
oats	R	R
wheat	R	R
Crabgrass,		
large	R	C
smooth	R	C
Cupgrass, woolly**	C	C
Foxtail,		
giant (1-6 leaves)	C	C
green	C	C
yellow	C/R****	C
Johnsongrass,		
seedling (1-6 leaves)	C	C
rhizome	R	R
Millet, wild proso	R	C
Nutsedge,		
yellow	R	R
purple	R	R
Oats, wild	R	R
Rice, red	C	C
Shattercane (1-6 leaves)	C	C
Signalgrass, broadleaf	R	C
Quackgrass ***		

\*PURSUIT DG is active against many grass species. However, when heavy grass pressure is anticipated, PURSUIT DG should be used in combination with a registered postemergence grass herbicide such as Poast Plus<sup>8</sup> for optimum control.

\*\*PURSUIT DG controls emerged woolly cupgrass only.

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

\*\*\*\*Yellow foxtail is only partially controlled in the western states. (Refer to USE RATE section of the alfalfa section of the label for description of western states).

### TANK MIX COMBINATIONS WITH OTHER HERBICIDES

To control weeds not listed on the PURSUIT DG label, herbicides such as Buctril<sup>9</sup>, 2,4-DB, Poast<sup>8</sup> or Poast Plus<sup>8</sup> may be tankmixed with PURSUIT DG. When PURSUIT DG 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.

## APPLICATION INFORMATION

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

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

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

### STAND ESTABLISHMENT

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

#### Inter-seeded Oats

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

### ESTABLISHED ALFALFA - DORMANT

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

### ESTABLISHED ALFALFA - GROWING

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

#### Perennial Grass Suppression

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

## IMI-CORN - DIRECTIONS FOR USE

### PURSUIT LG HERBICIDE USE AREA (IMI-CORN)

(Not for use in California or New York)

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

**USE RATE**  
**(1.44 OUNCES PER ACRE)**  
**(1 ECO-PAK soluble bag treats 5 acres)**

Apply PURSUIT DG at a broadcast rate of 1 soluble bag per 5 acres (7.2 ounces) for all methods of application: early preplant, preplant incorporated, preemergence, and postemergence (including minimum and no-till). At this broadcast rate, one soluble bag PURSUIT DG will treat 5 acres of IMI-Corn. (See instructions for applications in North Dakota and Minnesota north of highway #210.)

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

### WEEDS CONTROLLED

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

NOTE: C = Control, R = Reduced Competition

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

# BROADLEAF WEEDS

Weeds Controlled	SOIL APPLIED	POSTEMERGENCE	
		Maximum Leaf Stage	Size (inches)
Alligator weed		4	1-3
Anoda, spurred	C	2	1-2
Artichoke, Jerusalem		8	6-10
Buffalobur	C*	R	1-3
Bristly starbur		2	1-2
Carpetweed	C		
Cocklebur, common	R	8	1-8
Galinsoga	C		
Jimsonweed	C*	4	1-3
Kochia	C	4	1-3
Lambsquarters, common	C*	R	1-2
Mallow, Venice	R		
Marshelder	C	4	1-3
Morningglory			
entireleaf	R	2	1-2
ivyleaf	R	2	1-2
pitted	R	2	1-2
smallflower	C	4	1-3
tall	R	2	1-2
Mustard sp.	C	4	1-3
Nightshade			
black	C	4	1-3
Eastern black	C	4	1-3
hairy	C	4	1-3
Pigweed			
redroot	C	8	1-8
smooth	C	8	1-8
spiny	C	8	1-8
Poinsettia, wild	C		
Puncturevine	C		
Purslane, common	C		
Pusley, Florida	C		
Sida, prickly	C*		
Ragweed,			
common	R	4	1-3
giant	R	4	1-3
Sage, barnyard		R	1-3
Smartweed			
ladysthumb	C	4	1-3
Pennsylvania	C	4	1-3
Spurge			
prostrate	C	4	1-3
spotted	C	4	1-3
Sunflower	C*	4	1-3
Velvetleaf	C*	4	1-3
Thistle, Canada		R	1-3

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

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

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**GRASS WEEDS\***

Weeds Controlled**	SOIL APPLIED	POSTEMERGENCE	
		Maximum	Size
		Leaf Stage	(inches)
Barnyardgrass	R	3	1-3
Crabgrass,			
large	R	3	1-3
smooth	R	3	1-3
Cupgrass, woolly		3	1-3
Foxtail,			
giant	C	6	1-6
green	C	3	1-3
yellow	C	3	1-3
Goosegrass	R		
Johnsongrass,			
seedling	C	6	1-8
rhizome		R	6-12
Millet, wild proso	R	R	1-3
Panicum,			
fall	R		
Texas	R		
Red rice		3	1-3
Sandbur, field	R	R	≤1
Shattercane	R	6	1-8
Signalgrass,	R	4	1-8
broadleaf			
Sorghum alinum	R	6	1-3

**SEDGES**

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

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

\*PURSUIT DG controls many grass species. However, when heavy grass pressure is anticipated, a soil applied grass herbicide underlay (such as PROWL®, Dual, Eradicane<sup>7</sup>, Frontier, Flamess<sup>4</sup>, Lasso, or Surpass<sup>7</sup>) is recommended for optimum control. DO NOT incorporate PROWL herbicide; apply preemergence or early postemergence only. PURSUIT DG may also be used in sequential programs with registered burndown herbicides and/or soil applied atrazine-containing products.

## TANK-MIXTURE HERBICIDE COMBINATIONS WITH PURSUIT DG (Postemergence)

Accent <sup>Δ</sup>	Dual
Atrazine <sup>*,**</sup>	Frontier
Banvel <sup>*,***</sup>	Lasso EC, Lasso MT
Basagran <sup>8,*</sup>	Marksman <sup>*</sup>
Buctril <sup>*,**</sup>	PROWL 3.3 EC
Clarity <sup>*,***</sup>	

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

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

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

- <sup>Δ</sup> If Accent is used in combination with PURSUIT DG on Pioneer imidazolinone-resistant (IR) corn, any registered soil insecticide applications may be used.  
If PURSUIT DG plus Accent tank-mixes are used on imidazolinone-tolerant (IT) hybrids, DO NOT use COUNTER<sup>®</sup> 15G. Other registered organophosphate insecticides such as COUNTER<sup>®</sup> CR<sup>™</sup> (banded applications only) or THIMET<sup>®</sup> or other registered carbamate or pyrethroid insecticides may be used when PURSUIT DG plus Accent tankmixes are applied to IT corn hybrids.
- <sup>\*</sup> In some cases the grass activity of PURSUIT DG will be reduced when used in combination with atrazine, Buctril, Banvel, Basagran, Clarity, or Marksman.
- <sup>\*\*</sup> Some corn leaf burn may result with Buctril or atrazine postemergence combinations with PURSUIT DG
- <sup>\*\*\*</sup> Applications of Banvel or Clarity herbicide to corn during periods of rapid growth may result in temporary leaning.

**APPLICATIONS TO IMI-CORN™ IN NORTH DAKOTA AND MINNESOTA (north of highway #210).**

**Application Rate:**

Apply PURSUIT DG at 1.08 ounces per acre postemergence only.

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

\*PURSUIT DG will reduce competition from wild oats.

**PURSUIT DG HERBICIDE USE AREA (SOYBEANS)**

(Not for use in California)

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

**USE RATE**

**1.44 OUNCES PER ACRE**

**(1 ECO-PAK soluble bag treats 5 acres)**

Apply PURSUIT DG at a broadcast rate of 1 soluble bag (7.2 ounces) per 5 acres for all methods of application: early preplant, preplant incorporated, preemergence, and postemergence (including minimum and no-till). At this broadcast rate, one soluble bag of PURSUIT DG will treat 5 acres of soybeans. (See instructions under section APPLICATIONS TO SOYBEANS IN NORTH DAKOTA AND MINNESOTA for applications in North Dakota and Minnesota north of highway #210).

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

**WEEDS CONTROLLED**

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

NOTE: C = Control, R = Reduced Competition

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



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**BROADLEAF WEEDS**  
**SOIL APPLIED**

Weeds Controlled		<b>POSTEMERGENCE</b>	
		Maximum Leaf Stage	Size (inches)
Alligator weed		4	1-3
Anoda, spurred	C	2	1-2
Artichoke, Jerusalem		8	6-10
Buffalobur	C*	R	1-3
Bristly starbur		2	1-2
Carpetweed	C		
Cocklebur, common	R	8	1-8
Galinsoga	C		
Jimsonweed	C*	4	1-3
Kochia	C	4	1-3
Lambsquarters, common	C*	R	1-2
Mallow, Venice	R		
Marshelder	C	4	1-3
Momingglory			
entireleaf	R	2	1-2
ivyleaf	R	2	1-2
pitted	R	2	1-2
smallflower	C	4	1-3
tall	R	2	1-2
Mustard sp.	C	4	1-3
Nightshade			
black	C	4	1-3
Eastern black	C	4	1-3
hairy	C	4	1-3
Pigweed			
redroot	C	8	1-8
smooth	C	8	1-8
spiny	C	8	1-8
Poinsettia, wild	C		
Puncturevine	C		
Purslane, common	C		
Pusley, Florida	C		
Sida, prickly	C*		
Ragweed,			
common	R	4	1-3
giant	R	4	1-3
Sage, barnyard		R	1-3
Smartweed			
ladysthumb	C	4	1-3
Pennsylvania	C	4	1-3
Spurge			
prostrate	C	4	1-3
spotted	C	4	1-3
Sunflower	C*	4	1-3
Velvetleaf	C*	4	1-3
Thistle, Canada		R	1-3

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

## GRASS WEEDS\*

Weeds Controlled**	SOIL APPLIED	POSTEMERGENCE	
		Maximum Leaf Stage	Size (inches)
Barnyardgrass	R	3	1-3
Crabgrass,			
large	R	3	1-3
smooth	R	3	1-3
Cupgrass, woolly		3	1-3
Foxtail,			
giant	C	6	1-6
green	C	3	1-3
yellow	C	3	1-3
Goosegrass	R		
Johnsongrass,			
seedling	C	6	1-8
rhizome		R	6-12
Millet, wild proso	R	R	1-3
Panicum,			
fall	R		
Texas	R		
Red rice		3	1-3
Shattercane	R	6	1-8
Signalgrass, broadleaf	R	4	1-8
Sorghum, alnum	R	6	1-3

### SEDGES

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

\* Preplant incorporated applications of PURSUIT DG are more consistent for grass control.

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

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

## HERBICIDE COMBINATIONS

### GRASS WEEDS

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

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

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

<sup>a</sup> Preplant incorporated tank-mixture applications of PURSUIT DG plus PROWL 3.3EC will suppress the growth of itchgrass, and rhizome Johnsongrass.

<sup>b</sup> Preplant incorporated treatments only.

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A selective postemergence grass herbicide such as Select<sup>10</sup>, Poast Plus, Fusilade 2000<sup>7</sup>, Fusilade<sup>7</sup> DX, Fusion<sup>7</sup>, Assure<sup>2</sup> or Option<sup>11</sup> may be mixed with PURSUIT DG to control volunteer corn or grasses not controlled by PURSUIT DG. For best results use SUN-IT II (1.5 - 2 pints per acre) or a crop oil concentrate AND liquid fertilizer (1 - 2 quarts per acre) with grass herbicide tank-mixtures.

### **Volunteer Corn**

When tank-mixing Select herbicide with PURSUIT DG for volunteer corn control, use the following rates:

PURSUIT DG - 1.44 ounces per acre

Select - 4 ounces per acre

Apply the mixture of PURSUIT DG and Select to volunteer corn up to 12 inches tall.

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

### **BROADLEAF WEEDS**

Broadleaf herbicides that can be tank-mixed with PURSUIT DG include Basagran, Blazer<sup>8</sup>, Bronco<sup>4</sup>, Cobra<sup>10</sup>, Galaxy<sup>8</sup>, Gramoxone Extra, Roundup<sup>4</sup>, Storm<sup>8</sup> or Reflex<sup>7</sup>. Certain herbicides should not be applied with PURSUIT DG (see PRECAUTIONS section).

### **Enhanced Control of Common Ragweed and Pigweeds (including tall and common waterhemp).**

Apply PURSUIT DG at a broadcast rate of 4 ounces per acre (1/4 pint) and Cobra at 4 - 8 ounces per acre.

<b>Cobra rate</b>	<b>1.08 oz</b>	<b>1.44 oz</b>	<b>2.18 oz</b>
Common ragweed size	1-4"		
Pigweeds (including tall and common waterhemp)	1-4"	4-6"	6-8"

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

PURSUIT DG may be applied either preplant incorporated or preemergence in tank-mix combination with metribuzin (Sencor<sup>12</sup> or Lexone<sup>2</sup>) or preemergence with linuron (Lorox<sup>2</sup> or Linex<sup>13</sup>). PURSUIT DG may also be applied preplant incorporated, followed by a preemergence application of metribuzin or linuron. The tank-mix or sequential application of PURSUIT DG and metribuzin will enhance the control of common cocklebur and common ragweed in addition to the weeds controlled by a soil application of PURSUIT DG. The addition of linuron to PURSUIT DG will enhance the control of common ragweed.

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

**Application Rate:**

Apply PURSUIT at 1.08 ounces per acre postemergence only.

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

\*For control of common cocklebur, add Cobra herbicide at the rate of 4 ounces per acre to the spray solution.

\*\*PURSUIT will reduce competition from wild oats.

**PURSUIT DG USE AREA (PEANUTS)**

(Not for use in California)

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

**PURSUIT DG HERBICIDE USE RATE**

**1.44 OUNCES PER ACRE**

**(1 ECO-PAK soluble bag treats 5 acres)**

Apply PURSUIT DG at a broadcast rate of 1 soluble bag per 5 acres (7.2 ounces) for all methods of application (except sequential - see below): preplant incorporated, preemergence, ground-cracking and postemergence. At this broadcast rate, one soluble bag of PURSUIT DG will treat 5 acres of peanuts.

PURSUIT DG may also be applied in a sequential application. Apply 1 soluble bag per 10 acres in a soil application (preplant incorporated or preemergence) followed by 1 soluble bag per 10 acres applied at ground-crack or postemergence.

NOTE: Do not apply more than 1.44 ounces per acre (1 soluble bag per 5 acres) of PURSUIT DG during the growing season.

**WEEDS CONTROLLED**

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

NOTE: C = Control, R = Reduced Competition

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

# BROADLEAF WEEDS

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

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