PM 25 7969-45

BASAGRAN SPECIMEN LABEL - Directions for Use

BASAGRAN®

Postemergence
Herbicide

A soluble liquid formulation containing:

Active Ingredient:	
Sodium salt of bentazon*	**42.0%**
Inert Ingredients	**58.0%**
Total	**100.0%**

***Equivalent to 4 pounds per gallon bentazon (3-(1-methylethyl)-1H-2,1,3-benzothiadiazin-4(3H)-one 2,2-dioxide)**

EPA Reg. No. 7969-45

KEEP OUT OF REACH OF CHILDREN

CAUTION

Statement of Practical Treatment

Avoid contact with eyes or skin. In case of contact immediately flush eyes or skin with plenty of water. Get medical attention if irritation persists. May cause allergic skin response.

First Aid: If contacted, flush eyes immediately with water for at least 15 minutes. Call a physician.

Net Contents 1 Gallon

BASF Corporation
Research Triangle Park, NC 27709-3528

BASAGRAN - DIRECTIONS FOR USE

Index

	Page	Table Numbers
Directions for Use - All Crops	XX	
Soybeans	XX	1
Tank Mixes		
BASAGRAN + Blazer	XX	2,3,4
BASAGRAN + Reflex	XX	
BASAGRAN + 2,4-DB	XX	5
BASAGRAN + Scepter	XX	6
BASAGRAN + Poast	XX	7
BASAGRAN + Blazer + Poast	XX	8,9
BASAGRAN + Blazer sequential with Poast	XX	10
BASAGRAN + Pinnacle	XX	11
Corn	XX	12
Tank mix		
BASAGRAN + atrazine	XX	13
Rice	XX	14,15
Tank mix		
BASAGRAN + propanil	XX	
Peanut	XX	16
Tank mixes		
BASAGRAN + 2,4-DB	XX	17
BASAGRAN + Blazer	XX	18,19
BASAGRAN + Starfire	XX	20
Beans (dry or succulent)	XX	21
Peas (dry or succulent)	XX	22,23,24,25
Established peppermint and spearmint	XX	26
Appendix	XX	

ENVIRONMENTAL HAZARDS

Do not apply directly to waters or wetlands except as noted under Rice use directions.

Do not contaminate water when disposing of equipment wash waters.

Notice: It is a violation of Federal laws to use any pesticide in a manner that results in the death of an endangered species or in adverse modification of their habitat.

The use of this product may pose a hazard to certain federally designated endangered species known to occur in specific areas within the CALIFORNIA counties of Merced, Sacramento, and Solano. Before using this product in these counties you must obtain the EPA Endangered Species Bulletin specific for these areas. The bulletin (EPA/ES-85-8) is available from either your County Agricultural Extension Agent, the Endangered Species Specialist in your State Wildlife Agency Headquarters, or the Regional Office of the U.S. Fish and Wildlife Service (Portland, Oregon). THE USE OF THIS PRODUCT IS PROHIBITED IN THESE COUNTIES UNLESS SPECIFIED OTHERWISE IN THE BULLETIN.

STORAGE AND DISPOSAL

Do not allow product to freeze.

Do not contaminate water, food, or feed by storage or disposal.

Waste resulting from the use of this product may be disposed of on-site or at an approved waste disposal facility.

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

Do not reuse empty container.

IN CASE OF EMERGENCY

In the case of large scale spillage regarding this product, call:

CHEMTREC	800 424-9300
BASF Corporation	800 832-HELP

In case of medical emergency regarding this product, call:

1. You local doctor for immediate treatment.
2. Your local poison control center (hospital).
3. BASF Corporation 800 832-HELP.

Directions for Use - All Crops

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

Read the precautionary statement, environmental hazards, storage and disposal statements, and Conditions of Sale and Warranty statement appearing on the container label.

General Information

BASAGRAN® herbicide is intended for selective postemergence control of certain broadleaf weeds and sedges. (See Directions For Use for specific crops and weeds.) BASAGRAN does not control grasses. BASAGRAN is effective mainly through contact action; therefore, weeds must be thoroughly covered with spray. Large crop-and-weed leaf canopies shelter smaller weeds and prevent adequate spray coverage. Labeled crops are tolerant to BASAGRAN; however, some leaf-speckling and leaf-bronzing may occur under certain conditions. (See Restrictions and Limitations for each crop.)

Timing of Applications

Apply BASAGRAN early, when weeds are small and actively growing and before weeds reach the maximum size listed in the application rate tables for the individual crops.

Early application produces the most beneficial effect on weed control (exceptions: yellow nutsedge and Canada thistle), allows use of the lower rate (depending on weed species), and makes it easier to obtain thorough spray coverage. Delay in application which permits weeds to exceed the maximum size stated will result in inadequate control.

Cultivation

Do not cultivate within five days before or after application of BASAGRAN in the following northern and western states: AZ, CA, CO, CT, IA, ID, IL, IN, KS, KY, MA, ME, MI, MN, MO, MT, NE, ND, NH, NJ, NV, NY, OH, OR, PA, RI, SD, UT, VT, WA, WI, WV, WY.

Cultivation may put weeds under stress and reduce control obtained. Timely cultivation 2-3 weeks after applying BASAGRAN may assist weed control.

Water Volume and Spray Pressure

Apply recommended rates of BASAGRAN as follows:

Ground equipment: Use a minimum of 20 gallons of water per broadcast acre and a minimum of 40 psi pressure (measured at the boom, not at the pump or in the line). When crop and weed foliage is dense, use up to 50 gals. of water and up to 80 psi pressure. Use standard high

pressure pesticide hollow cone or flat fan nozzles spaced 20 inches apart. Do not use flood, whirl chamber or controlled droplet application (CDA) nozzles.

Air equipment: Use a minimum of 5 gals. of water per acre (except 10 gals. for rice) and a maximum of 40 psi pressure. Use only diaphragm-type nozzles producing cone or fan spray patterns.

Aerial Application - Special Directions

To obtain uniform coverage and to avoid drift hazards, the following application equipment and practices should be used:

Nozzle height: Maximum of 10 feet above crop.

Nozzle orientation: Nozzles must be oriented so as to discharge straight back with the air stream (opposite the direction of travel of the aircraft) or at some angle between straight back and straight down. For optimal coverage when applying BASAGRAN by air in rice, orient all nozzles straight back.

Nozzles must not be located farther out than three-fourths of the distance from the center of the aircraft to the end of the wing or rotor.

Do not apply BASAGRAN by aircraft when wind velocity exceeds 10 mph (except above 5 mph in California). Coarse sprays (large droplets) are less likely to drift.

Do not apply BASAGRAN by air if ornamental or sensitive non-target crops, such as cotton, sugar beets, sunflowers or okra are within 200 feet downwind.

Applicator must follow the most restrictive use cautions to avoid drift hazards, including those found in this labeling as well as applicable state and local regulations and ordinances.

Special Information for Irrigated Areas

In irrigated areas, it may be necessary to irrigate prior to treatment with BASAGRAN to ensure that weeds are growing actively. Weeds growing under drought conditions usually are not satisfactorily controlled.

Addition of Oil Concentrate

A nonphytotoxic oil concentrate (commonly referred to as oil concentrate) should be added to the spray tank for certain weed problems as recommended in the directions for specific crops. The oil concentrate must contain either a petroleum or vegetable oil base and must meet the following criteria: 1) be nonphytotoxic, 2) contain only EPA-exempt ingredients, 3) provide good mixing quality in the jar test (see below), and 4) be successful in local experience.

The exact composition of suitable products will vary; however, vegetable and petroleum oil concentrates should contain emulsifiers which provide good mixing quality. For vegetable oil concentrates, it has been observed that highly refined vegetable oils are more satisfactory than unrefined vegetable oils. For additional information see "Jar Test for Estimating Suitability of Mixes" at the end of this section.

With the addition of oil concentrate to BASAGRAN on soybeans, beans, and peanuts, a slight leaf burn may occur, but all new growth is normal and crop vigor is not reduced. The potential for leaf burn is increased when relative humidity and temperature are high. A few oil concentrates have exhibited excessive leaf burn. Refer to your supplier of BASAGRAN for information concerning successful local experience prior to purchasing any oil concentrate.

Do not add a nitrogen solution (UAN or AMS) to BASAGRAN plus Blazer when oil concentrate is included in the spray tank.

Do not add oil concentrate to BASAGRAN for use on peas except as directed for use in the Pacific Northwest (PNW).

Rate of Oil Concentrate:

Ground application - 1.25% v/v; 2 pints/acre (maximum)
Air application - 1.25% v/v; 1 pint/acre (maximum)
California - refer to additional information under the specific crop (beans and corn/sorghum)

Addition of Nitrogen Solution (UAN or AMS) for Velvetleaf and Other Weeds*

Urea Ammonium Nitrate (UAN) solution (commonly referred to as 28%, 30% or 32% nitrogen solution) or AMS solution (ammonium sulfate) may be added to BASAGRAN in place of oil concentrate for improved control of velvetleaf. Improvement in the control of cocklebur, wild sunflower, Pennsylvania smartweed, devilsclaw, venice mallow and wild mustard may also be attained.

Either Nitrogen Solution should be added to the tank with BASAGRAN when velvetleaf is the primary target weed. BASAGRAN plus a nitrogen solution will not provide adequate control of common ragweed and common lambsquarters. If these weeds or other weeds requiring oil concentrate are present in addition to velvetleaf, then oil concentrate should also be used.

UAN solution is an agricultural grade fertilizer used by local dealers for agricultural applications. With the addition of UAN solution or UAN solution plus oil concentrate to BASAGRAN on certain crops, a slight leaf burn may occur, but the new growth is normal and crop vigor is not reduced. Refer to your supplier of BASAGRAN for information concerning successful local experience prior to using UAN solution. Do not use brass or aluminum nozzles when spraying BASAGRAN plus UAN solution.

Ammonium sulfate (AMS) is a dry granular nitrogen source fertilizer. Several grades of ammonium sulfate are currently available, however, only fine feed grade or spray grade AMS is recommended as an additive to BASAGRAN. Inferior grades of AMS do not dissolve adequately leading to plugging of spray nozzles. The use of AMS requires some preparation in mixing with BASAGRAN as compared to UAN. See section entitled Mixing/Spraying for AMS. Three quarts of liquid AMS (8-0-0 analysis) may be substituted for granular AMS.

Do not add nitrogen (UAN or AMS) solutions to BASAGRAN for use on rice, peanuts or mint.

RATE OF UAN SOLUTION:

GROUND APPLICATION - 1/2-1 gallon/acre

AIR APPLICATION - 1/2 gallon/acre

RATE OF AMS SOLUTION:
GROUND APPLICATION: 2.5 lb/A

AIR APPLICATION: AMS solution is not recommended due to potential precipitation problems in reduced water volumes. AMS can be used provided a minimum of 10 gpa of solution is applied. Use only if the source of AMS has been demonstrated to be successful in local experience.

* Not applicable in California.

Mixing/Spraying

Fill tank of a thoroughly clean sprayer half to two-thirds full with clean water. Start agitation and add BASAGRAN; allow to mix thoroughly. Add oil concentrate and/or nitrogen solution and remaining volume of water. Maintain constant agitation during application.

Jar Test For Estimating Suitability of Mixes:

1. Water supply: Use only water from intended scurce and at the source temperature.

2. Amount of water in jar:
   Ground application - For 20 gal/A spray volume use 3 1/3 cups (800 ml) of water.
   Air application - For 5 gal/A spray volume use 5/6 cup (200 ml) of water or
   For 10 gal/A spray volume use 1 2/3 cups (400 ml) of water.
   For other spray volumes, adjust proportionately to above.
   Add 2/3 the volume of water to the jar.

3. Amount of herbicide/s, oil concentrate and/or UAN to add: Add herbicides, oil concentrate and/or UAN at the rate of 1 teaspoon (5 ml) for each pint of recommended label rate.

4. Add components in following sequence, gently mixing between component additions:
   1.) Dry products (dry flowables and wettable powders) when applicable.
   2.) BASAGRAN, and when applicable, other water miscible products (such as Blazer), liquid fertilizers and/or liquid flowables.
   3.) Oil concentrate.
   4.) Poast or other emulsifiable concentrates when applicable.
   5.) Add remaining volume of water.

5. Cap jar, invert 10 cycles, let stand for 15 minutes, evaluate.

6. Evaluation: An ideal tank mix combination will be uniform; thus, the suitability of the mix is questionable if any of the following are observed:

   Free oil at the surface: film or globules.

   Flocculation: fine particles which may be suspended in the liquid or found as precipitated layer at the bottom of the jar.

   Clabbering: thickening texture (coagulated) resembling yogurt or a curd-like texture as with cottage cheese.

Ammonium Sulfate (AMS)

AMS may be added in place of UAN to the spray solution. Use AMS at 2.5 lb/A. Use only fine feed grade or spray grade AMS. Fill sprayer tank two-thirds full with clean water. Begin agitation, slowly add required amount of AMS to the tank. Adding too quickly may clog outlet lines. Allow AMS crystals to dissolve completely. Complete mixing procedures by addition of BASAGRAN and remaining water. Maintain agitation during application to ensure complete mixing. Rinse equipment after use to minimize corrosive activity of AMS.

To determine AMS quality, perform a jar test adding 1/3 cup of AMS to 1 gallon of water and agitate for 1 minute. If undissolved sediment is observed, predissolve AMS in water and filter prior to spray tank addition.

Restrictions and Limitations

Do not apply BASAGRAN to crops that have been subject to stress conditions such as hail damage, flooding, drought, injury from other herbicides or widely fluctuating temperatures, as crop injury may result.

Do not apply BASAGRAN to crops injured (leaf phytotoxicity and/or plant stunting) by any prior herbicide applications. This injury may be enhanced and/or prolonged.

Do not apply BASAGRAN during prolonged periods of drought or during unseasonably cold weather, as unsatisfactory weed control may result.

Clean sprayer thoroughly prior to application of BASAGRAN, particularly if a herbicide was used which has the potential to injure the crop to be sprayed with BASAGRAN.

Do not apply this product through any type of irrigation system.

Do not apply directly to water or wetlands except as noted under rice use directions.

Do not contaminate water when disposing of equipment wash waters.

Rainfall or overhead irrigation soon after application may decrease the effectiveness of BASAGRAN.

BASF does not recommend the use of BASAGRAN tank mixes other than those listed on BASF labels, supplemental labels, or [technical bulletins]. Reduced efficacy, physical incompatibility or crop injury may result from mixing BASAGRAN with other pesticides, additives or fertilizers. Local agricultural authorities may be a source of information when using other than BASF recommended combinations.

DIRECTIONS FOR USE - SPECIFIC CROPS - SEE FOLLOWING PAGES.

SOYBEANS - Directions For Use

Apply BASAGRAN when weeds are small and actively growing and before weeds reach the maximum size listed in Table 1. Such applications generally correspond to the soybean growth stages of unifoliate to two expanded trifoliate leaves. Soybeans are tolerant to BASAGRAN at all stages of growth. Slight yellowing, bronzing, speckling, or burning of leaves may occur under certain conditions. Soybean plants generally outgrow this condition within 10 days.

Mixing with Insecticides

A need may arise that requires postemergence or foliar control of certain insects in the soybean crop. It is possible to tank mix an insecticide with BASAGRAN if the proper application timing of the insecticide coincides with the application timing of BASAGRAN. Insecticides that may be used are Furadan® 4F, Pounce®, Pydrin®, dimethoate, and Lorsban® 4E. Do not tank mix BASAGRAN with malathion or Sevin®. The tank mix addition of an insecticide to BASAGRAN may increase the potential for crop injury. Consult the respective labels for directions for use and restrictions and limitations of each product. The most restrictive labeling applies in tank mixes.

The exact conditions under which an insecticide is tank mixed with BASAGRAN may vary and these conditions may reduce good mixing quality. It is recommended that before a tank mix of BASAGRAN plus an insecticide is mixed, a jar test should be conducted following the directions in the section titled "Jar Test for Estimating Suitability of Mixes".

Restrictions and Limitations (Partial List)

Do not apply more than a total of 4 pints of BASAGRAN per acre in one season.

Do not graze or cut treated soybean fields for forage or hay, for at least 30 days after the last treatment of BASAGRAN.

Table #1 APPLICATION RATES FOR SOYBEANS

Weeds Controlled	Application Rates For Weed Growth Stages					
	1 Pint Per Acre *		1 1/2 Pints Per Acre		2 Pints Per Acre	
	Leaf Stage	Maximum Height	Leaf Stage	Maximum Height	Leaf Stage	Maximum Height
Balloonvine	- -	- -	2-4	2"	4-6	3"
Beggarticks	- -	- -	Up to 6	6"	6-8	8"
Bristly Starbur	- -	- -	Up to 4"	2"	4-6	3"
Cocklebur[a]	2-4	4"	2-6	6"	6-10	10"
Coffee Senna	- -	- -	- -	- -	Up to 1** Pinnate	2"
Common Lambsquarters[b]	Up to 4**	1"	Up to 6**	1 1/2"	4-8**	2"
Common Purslane	- -	- -	Up to 4	1"	4-6	2"
Common Ragweed	- -	- -	- -	- -	4-6**	3"
Dayflower	- -	- -	Up to 6	4"	6-10	8"
Devilsclaw	- -	- -	- -	- -	Up to 6**	3"
Galinsoga	- -	- -	- -	- -	Cotyledon to 6**	2"
Giant Ragweed[c]	- -	- -	- -	- -	Up to 4	6"
Jimsonweed	Up to 4	4"	Up to 6	6"	6-10	10"
Ladysthumb	Up to 4	4"	Up to 6	6"	6-10	10"
Marshelder	- -	- -	Up to 4	2"	Up to 8	4"
Pennsylvania Smartweed	Up to 4	4"	Up to 6	6"	6-10	10"
Prickly Sida or Teaweed			Up to 6	3"	6-8	4"
Redweed	- -	- -	4-6	6"	6-10	8"
Sesbania	- -	- -	- -	- -	3-5**	3"
Shepherdspurse[d]	- -	- -	Up to 6	4"	6-10	8"
Spurred Anoda	- -	- -	Up to 6	3"	6-8	4"
Tropic Croton	- -		Up to 2	2"	2-4	4"
Velvetleaf[e]	Up to 4	2"	Up to 6	5"	4-6	6"
Venice Mallow	Up to 4	2"	Up to 6	2"	6-10	4"
Wild Buckwheat	- -	- -	Up to 4	3"	4-6	5"
Wild Mustard	Up to 4	2"	Up to 6	4"	6-10	8"
Wild Poinsettia	- -	- -	2-4**	4"	4-8**	6"
Wild Sunflower	Up to 2	3"	Up to 4	5"	4-6	8"

For additional weeds see Special Directions section following.

* Apply before weeds reach the maximum size or leaf stage indicated. If regrowth develops, make a second application of 1 pint 7 to 14 days after the first application. (This rate not applicable in California.)

** Add 2 pints per acre of oil concentrate. See Addition of Oil Concentrate.

a. Do not treat earlier than leaf stage shown and do not count cotyledon leaves.

b. Control may be partial or inconsistent.

c. If a second flush occurs, retreat field according to this rate table.

d. Do not treat rosette before seed stalk appears.

e. Add nitrogen solution according to the section Addition of Nitrogen Solution (See pages xx) or add oil concentrate according to the section Addition of Oil Concentrate.

Special Directions for Other Weed Problems in Soybeans

Annual Morningglories

South: (AL, AR, FL, GA, LA, MS, NC, OK, SC, TN, TX, VA). To control smallflower and cypressvine morningglories apply a single application of either 1 1/2 pints of BASAGRAN per acre to plants not larger than 4 true leaves and 4 inches in height, OR 2 pints of BASAGRAN per acre to plants not larger than 6 true leaves and 6 inches in height. Add oil concentrate to the spray solution with BASAGRAN (see section Addition of Oil Concentrate).

To control palmleaf, pitted, tall (common), entireleaf, purple moonflower, and ivyleaf morningglories, apply 1 1/2 pints of BASAGRAN per acre to plants not larger than 4 true leaves and 4 inches in height (14 to 18 days after morningglory emergence). Make a second application at the same rate 5 to 14 days later.

All states other than the South (see above): Apply 2 to 3 pints of BASAGRAN per acre to annual morningglories not larger than 4 true leaves. Control may be partial or inconsistent. Add oil concentrate to the spray solution of BASAGRAN/water. (See section Addition of Oil Concentrate).

Because morningglories grow very rapidly, it is important to watch the growth stage carefully and to be certain that BASAGRAN is applied to morningglories before they exceed the maximum size recommended on this label.

Canada Thistle

Apply 2 pints of BASAGRAN per acre when plants are from 8 inches tall to bud stage. Make a second application at the same rate 7 to 10 days later. Add oil concentrate to the spray solution of BASAGRAN (see section Addition of Oil Concentrate).

Yellow Nutsedge

Two applications are preferred for best results. Apply 1 1/2 to 2 pints of BASAGRAN per acre when plants are 6 to 8 inches tall. If needed, make a second application at the same rate 7 to 10 days later. Add oil concentrate to the spray solution of BASAGRAN (see section Addition of Oil Concentrate).

Field and Hedge Bindweed in KY, IL, IN, MI, OH only.

For suppression of field and hedge bindweed, apply 2 to 3 pints of BASAGRAN per acre when vines are a maximum of 10 inches long. Add oil concentrate to the spray solution of BASAGRAN/water (see section Addition of Oil Concentrate).

Special Directions for Other Weed Problems in Soybeans (Cont'd.)

Late Cocklebur Rescue Treatment

This treatment is intended to provide only partial control of cocklebur in the event early postemergence treatments were not made. Very thorough spray coverage is essential. Apply a single application of 2 to 3 pints of BASAGRAN per acre to plants up to 24 inches tall or, for best results, apply 1 1/2 pints of BASAGRAN per acre to plants up to 24 inches tall, repeat 10 to 14 days later.

Late Velvetleaf Rescue Treatment

Partial velvetleaf control can be obtained in the event postemergence treatments were not made. Thorough coverage is essential. Apply a single application of 3 pints per acre of BASAGRAN plus 1 quart of oil concentrate and 1 gallon of UAN solution to velvetleaf plants up to 12". For best results, apply 1 1/2 pints per acre of BASAGRAN plus 1 quart of oil concentrate plus 1 gallon of UAN solution (AMS may be substituted) followed in 4-7 days with the treatment.

SOYBEANS - TANK MIXES WITH BASAGRAN

Use the following chart as a guide to determine broadleaf weeds and grasses controlled by BASAGRAN alone and various tank mixes with BASAGRAN.

BASAGRAN, Tank Mixes* -- Guide to Additional Weed Control	
BASAGRAN Controls Weeds Listed in Table 1	Refer to Table Listed Below for Rate, Weed Size and Additive Information
Additional Weed Control by Tank Mixing with BASAGRAN BLAZER® herbicide	

Early Spot Spray	BASAGRAN + Poast + Blazer Table 9 Page XX

*Tank mixes not applicable in California.

BASAGRAN + Blazer Tank Mixes* - Soybeans
General and Application Information, Restrictions and Limitations

General Information

For postemergence broadleaf weed control, refer to Tables 2, 3 and 4 as determined by weed problems and geographical area.

Table 2 - Northern States
BASAGRAN: 1-2 pints/A
Blazer 1/2 pint/A
Additional weeds controlled: pigweeds, (redroot and smooth) and tall waterhemp.

Table 3 - All States (except California)
BASAGRAN: 1-2 pints/A
Blazer 1 pint/A
Additional weeds controlled: Listed in Table 3.

Table 4 - Southern States
BASAGRAN: 1 pint/A
Blazer 1 pint/A
Weeds controlled: Listed in Table 4.

Time of Application

The timing of all applications of BASAGRAN should be in accordance with the weed growth stages indicated in Table 1 and when weeds are actively growing. With Blazer in the tank mix, the timing should be in accordance with the weed growth stages indicated in Tables 2, 3 and 4 and when weeds are actively growing. If weeds are not at the correct stage of growth for treatment at the same time, then separate applications should be made. Delay in application which permits weeds to exceed the maximum size stated will result in inadequate control.

Water Volume and Spray Pressure

Ground equipment: Refer to the Directions for Use - All Crops.

Air equipment: Use a minimum of 10 gallons of total spray solution per acre.

Mixing

Refer to Directions for Use - All Crops.

Coverage

Thorough coverage of actively growing weeds is essential. Large crop-and-weed leaf canopies shelter smaller weeds and can prevent adequate spray coverage. Soybeans are tolerant to the above tank mixes; however, under certain conditions soy beans may burn, crinkle and bronze.

Restrictions and Limitations (Partial List)

Read and follow restrictions and limitations on the BASAGRAN herbicide and Blazer labels. The most restrictive labeling applies to tank mixes.

Do not apply Blazer within 50 days of harvest (see Blazer label).

Do not graze treated soybean fields and do not feed treated soybean forage, ensilage or hay to livestock (see Blazer labels).

Do not include oil concentrate with nitrogen solutions (UAN or AMS) when tank mixing BASAGRAN with Blazer.

* Tank mixes not applicable in California.

Table 2 — Northern States[a]

BASAGRAN + BLAZER Tank Mix Additional Weed Control - Soybeans

Rate and Time of Application

Product	Product Rate	Weeds Controlled/Weed Size			Additive (Rate)
BASAGRAN	1-2 Pints/A according to weed species and size (See Table 1, Page __)	Apply rate of BASAGRAN according to weed sizes in Table 1.			Oil Concentrate (2 pints/A) or Nitrogren solution (UAN solution 0.5-1.0 gallon/A or AMS 2.5 lb/A)[b] if velvetleaf is the primary weed target and lambs-quarters or common ragweed are not a problem.
plus	plus				
			Leaf Stage	Maximum Height	NOTE: Do not include Oil Concentrate with nitrogen solutions when tank mixing BASAGRAN with Blazer.
Blazer[c]	1/2 Pint/A	Pigweeds* (Redroot and Smooth)	Up to 4	<2"	
		Tall Waterhemp	Up to 4	<2"	

* See Table 4 for control of additional weeds.

[a] Northern States, for the purpose of this table, are the following states and those to the north thereof: MD, WV, OH, IN, IL, KS and MO (except southeastern MO., Jefferson Co. and south).

[b] See section Addition of Nitrogen Solution, page XX

[c] Apply tank mix early, when weeds are small and actively growing and before weeds reach maximum height listed.

Table 3	All States*				
	BASAGRAN + Blazer Tank Mix Additional Weed Control- Soybeans				
	Rate and Time of Application				
Product	Product Rate	Weeds Controlled/Weed Size			Additive (Rate)
BASAGRAN	1 - 2 Pints/A according to weed species and size (See Table 1, Page xx)				Oil Concentrate** (2 pts/A) or Nitrogen solution (UAN solution 0.5-1.0 gal/A[a] grams 2.5 lb/A) If Velvetleaf is the primary weed target and Lambs-quarters or Common Ragweed are not a problem.
plus	plus				
Blazer	1 pint/A		Leaf Stage	Maximum Height	NOTE: Do not include Oil Concentrate with nitrogen solutions when tank mixing BASAGRAN with Blazer.
		Black Nightshade	Up to 2	<2"	
		Common Ragweed+	Up to 10	6"	
		Crotalaria	Up to 6	6"	
		Giant Ragweed+	Up to 10	6"	
		Morningg ies***	Up to 2	2"	
		Redroot Pigweed	Up to 6	<4"	
		Sesbania	Up to 4 pinnate	6"	
		Smooth Pigweed	Up to 6	<4"	
		Tall Waterhemp	Up to 6	<4"	

+ Requires 2 pints BASAGRAN

* Except California

** Add oil concentrate to the tank mix according to recommendations in, Table 1, "Application Rate Table for Soybeans", Page XX.

*** For consistent control of common (tall) morningglory use the 1 1/2 pint rate of BASAGRAN.

[a] See section Addition of Nitrogen Solution, Page XX

Table 4 — Southern States[a]

BASAGRAN + Blazer Tank Mix Additional Weed Control- Soybeans

Rate and Time of Application

Product	Product Rate	Weeds Controlled	Leaf State	Weed Size Maximum Height	Additive (Rate)
		Black Nightshade	Up to 2	<2"	
		Bristly Starbur	4-6	3"	
		Cocklebur[b]	2-6	6"	
		Common Lambsquarters*	4 6	2"	
		Common Ragweed	4-6	3"	
BASAGRAN	1 pt/A	Crotalaria	Up to 6	6"	
		Giant Ragweed	Up to 4	6"	
+	+	Jimsonweed	Up to 6	6"	
		Ladysthumb	Up to 6	6"	
Blazer	1 pt/A	Morningglories[c]	Up to 2	2"	Oil Concentrate
		Pennsylvania Smartweed	Up to 6	6"	(1 pt./A)
		Prickly Sida (Teaweed)*	Up to 4	2"	
		Redroot Pigweed	Up to 6	<4"	
		Redweed	2-4	3"	
		Sesbania	Up to 4	6"	
		Smooth Pigweed	Up to 6	<4"	
		Spurred Anode*	Up to 4	2"	
		Tall Waterhemp	Up to 6	<4"	
		Velvetleaf*	Up to 4	2"	
		Venice Mallow	Up to 6	2"	
		Carpetweed	--	2"	
		Tropic Croton	2	<2"	
		Woolly Croton	2	<2"	
		Wild Mustard	Up to 6	4"	

* For more consistent control, increase rate of BASAGRAN to 1 1/2 pints.

[a] Southern states, for the purpose of this table are, AL, AR, FL, GA, KY, LA, MS, NC, OK, SC, TN, TX, VA and Southeastern MO (Jefferson Co. and south).

[b] Do not treat earlier than the two-leaf stage and do not count cotyledon leaves.

[c] For common (tall) morningglory increase rate of BASAGRAN to 1 1/2 pints.

BASAGRAN + Reflex 2LC Tank Mix-Soybeans

General and Application Information, Restrictions and Limitations

General Information - A tank mix of BASAGRAN® herbicide and Reflex® 2LC herbicide may be applied for postemergence control of the major troublesome broadleaf weed species in soybeans.

BASAGRAN and Reflex 2LC are selective postemergence herbicides which control annual broadleaf weeds. Apply the tank mix to actively growing weeds. Refer to this label and the Reflex 2 LC labels for defined environmental conditions, and recommended rates. Weed size and growth stage for susceptible weed species are described in these labels. The most restrictive labeling applies to tank mixes.

Water Volume and Spray Pressure

GROUND APPLICATION: Refer to Directions for Use - All Crops.

MIXING

Refer to Directions for Use - All Crops.

RATE - BASAGRAN may be used in the tank mixes at rates of 1-2 pts. per acre in each of the regions listed for Reflex 2LC. Refer to tank mix table below for the recommended use rate of Reflex 2LC in Regions 1, 2, and 3. Geographic description of these regions is included in the Reflex 2LC label.

Application Rates for BASAGRAN and Reflex 2LC in Tank Mix

Region *	BASAGRAN**	Reflex 2LC**	Oil Concentrate
1	1 - 2 pt/A	1 - 1 1/2 pt/A	1 qt/A
2	1 - 2 pt/A	3/4 - 1 1/4 pt/A	1 qt/A
3	1 - 2 pt/A	3/4 - 1 pt/A	1 qt/A

* See the Reflex 2LC label for states or parts of states included in regions.

**Consult labels for each product for specific weeds controlled.

RESTRICTIONS AND LIMITATIONS (Partial List)

- Always read and follow the restrictions and limitations for each product. The most restrictive labeling applies in tank mixes.
- Reflex 2LC can be applied only in the states or parts of states included in Regions 1, 2, & 3 as described on the Reflex label. DO NOT APPLY REFLEX 2LC TO ANY FIELD IN REGIONS 2 & 3 MORE THAN ONCE EVERY TWO YEARS.
- A maximum of 1.5 pints (0.375 lb. ai) per acre of Reflex 2LC may be applied per growing season for soybeans in Region 1. A maximum of 1.25 pints (0.313 lb ai) per acre may be applied in alternate years in Region 2. A maximum of 1.0 pint (0.25 lb ai) per acre may be applied in alternate years in Region 3.
- Refer to Reflex 2LC label for recommendations concerning crop rotation.
- Do not apply a total of more than 4 pints of BASAGRAN per acre in one season on soybeans.
- DO NOT MAKE MORE THAN ONE APPLICATION OF THE BASAGRAN/REFLEX 2LC TANK MIX IN A SINGLE SEASON.

- BASAGRAN + Reflex 2LC tank mix requires a 4-hour rain-free period. Do not apply the tank mix if rain is threatening.

- Use of BASAGRAN + Reflex 2LC tank mix during periods of dry weather when crop and weeds are under stress and not actively growing may result in reduced weed control. Do not apply to drought stressed weeds or weeds which have gone through an extended dry period.

- In the event of a crop loss due to weather conditions, only soybeans can be replanted (see Reflex label).

- Avoid drift to all other crops and nontarget areas. Crops other than soybeans may be severely injured by drift.

- Do not graze treated areas or harvest for forage or hay (see Reflex label).

BASAGRAN + 2,4-DB Tank Mix* - Soybeans
General and Application Information, Restrictions and Limitations

General Information

These directions are intended to provide the user of BASAGRAN with instructions for tank mixing with 2,4-DB (such as Butyrac® 200 or Butoxone® 200 herbicides) to control entireleaf, tall (common), and ivyleaf morningglories. Weeds must be actively growing and at the recommended growth stages. Delay in application which permits weeds to exceed the maximum size stated will result in inadequate control.

Water Volume and Spray Pressure

Refer to the Directions for Use - All Crops.

Mixing

Refer to the Directions for Use - All Crops.

Coverage

Refer to the Directions for Use - All Crops.

Restrictions and Limitations (Partial List)

Read and follow the restrictions and limitations on the labels for BASAGRAN® herbicide and 2,4-DB. The most restrictive labeling applies in tank mixes.

Use only amine formulations of 2,4-DB.

Do not add oil or any other additive (including nitrogen solution) to tank mix with 2,4-DB.

Do not apply more than one application of tank mix per season.

Do not apply within 60 days of harvest (see label for 2,4-DB).

The use of this tank mix will cause soybean foliage injury (such as burning, bronzing or crinkling) and may reduce yields.

Do not use this tank mix on soybeans that show symptoms of disease such as phytophthora root rot (see label for 2,4-DB).

* Tank mix not applicable in California.

Table 5

BASAGRAN + 2,4 DB Tank Mix Additional Weed Control- Soybeans

Rate and Time of Application

Product	Product Rate	Weeds Controlled/Weed Size		Additive (Rate)
BASAGRAN	1 1/2 - 2 Pints/A according to weed species and size (See Table 1, Page __)	Apply rate of BASAGRAN according to weed sizes in Table 1.		Do not add oil concentrate or any other additives (including nitrogen solution) to this tank mix.
__plus__	__plus__			
2,4-DB (amine formulation)	2 fl. oz/A of Butoxone 200 or Butyrac 200 (0.03 pound ae*/A.)	Morningglories Ivyleaf Tall (Common) Entireleaf	Vines up to 6" long	

* Acid equivalent.

BASAGRAN + Scepter Tank Mix* - Soybeans Northern States Only
General and Application Information, Restrictions and Limitations

General Information

The tank mix of BASAGRAN plus Scepter® herbicide will control pigweeds, in addition to those weeds controlled by BASAGRAN. Weeds must be actively growing and at the recommended growth stages.

Water Volume and Spray Pressure

Refer to Directions for Use - All Crops.

Ground equipment: Use a maximum of 40 psi pressure. For additional directions refer to Directions for Use - All Crops.

Mixing/Coverage

Refer to Directions for Use - All Crops.

Restrictions and Limitations (Partial List)

Read and follow the restrictions and limitations on the labels for BASAGRAN and Scepter herbicides. The most restrictive labeling applies in tank mixes.

Observe all geographical and rotational crop restrictions on the label for Scepter.

* Tank mix not applicable in California.

Table 6 — Northern States*

BASAGRAN + Scepter, Tank Mix Additional Weed Control- Soybeans

Rate and Time of Application

Product	Rate	Weeds Controlled/Weed Size			Additive Rate
BASAGRAN	1 - 2 Pints/A according to weed species and size (See Table 1 Page __)	Apply rate of BASAGRAN according to weed sizes in Table 1.			Oil Concentrate (2 pints/Acre)
plus	plus				
			Leaf Stage	Maximum Height	
Scepter	1/3 pint/A	Redroot Pigweed	Up to 6	3"	
		Smooth Pigweed	Up to 6	3"	
		Tall Waterhemp	Up to 6	3"	
		Wild Sunflower	Up to 6	3"	

* Northern States, for the purpose of this table, are the following states; IA, S.MI, S.WI, PA, NJ, DE, NE, KS, MO, WV, OH, IN, IL, KS and MO (except southeastern: Jefferson Co. and south). See label for Scepter for list of approved states and parts of states.

BASAGRAN + Poast Tank Mix* - Soybeans

General and Application Information, Restrictions and Limitations

General Information

BASAGRAN and Poast® herbicide may be tank mixed for postemergence control of the broadleaf and grass weeds shown in this table. Weeds must be actively growing and at the recommended growth stages. Soybeans are tolerant to BASAGRAN and Poast at all stages of growth.

Separate applications should be made if: a) all weeds to be controlled are not at the correct growth stage for treatment at the same time, or b) grasses to be controlled include rhizome Johnsongrass, quackgrass, Bermudagrass, wirestem muhly, shattercane, volunteer cereals, wild oats, red rice or itchgrass. See Table 10, SEPARATE APPLICATIONS of BASAGRAN.

Water Volume and Spray Pressure

Ground equipment: Use a minimum of 10 gallons of total spray solution per acre (broadcast basis) and a minimum of 40 psi pressure. Use standard high pressure hollow cone or flat fan nozzles spaced 20 inches apart. Do not use flood or whirl chamber nozzles.

Air equipment: Use a minimum of 5 gallons of total spray solution per acre.

Additives

At the low rate of Poast (1 pt/A) the additive Dash® spray adjuvant plus UAN (or ammonium sulfate) must be used. For control of the additional grasses listed in Table 7 use the higher rate of Poast (1 1/2 pt/A) and either Dash or oil concentrate. To enhance weed control UAN (or ammonium sulfate) may also be added.

Mixing/Coverage

Refer to Directions for Use - All Crops.

Restrictions and Limitations (Partial List)

Read and follow the restrictions and limitations on the labels for BASAGRAN and Poast herbicides. The most restrictive labeling applies in tank mixes.

Do not apply tank mix within 90 days of harvest (see label for Poast).

Do not graze treated soybean fields and do not feed treated soybean forage (green, succulent) or ensilage to livestock. Treated soybean hay may be fed. (See label for Poast.)

* Tank mix not applicable in California.

Table 7

BASAGRAN + Poast Tank Mix Additional Weed Control- Soybeans

Product	Rate	Rate and Time of Application Weeds Controlled/Weed Size				(Rate/Acre) Additive Dash or Oil Concentrate	(Rate/Acre) Additive UAN Solution or AMS
BASAGRAN	1 - 2 Pints/A according to weed species and size (See Table 1 Page XX)	Apply BASAGRAN according to weed sizes in Table 1.					
plus	plus						
		Annual Grasses*					
Poast	1 pint/A	Wild Proso Millet**	4-10"	Green Foxtail	3-8"	Dash (2 pts)	1/2 1 gallon plus UAN or 2 1/2 lbs AMS
		Fall Panicum	3-8"	Witchgrass	3-8"		
		Giant Foxtail	3-8"	Woolly Cupgrass	3-8"		
				Volunteer Corn	1-12"		
OR							
		Barnyardgrass	3-8"	Junglerice	3-8"	Dash (2 pts.) or oil concentrate (2 pts)	1/2-1 gallon + UAN or 2 1/2 lbs AMS may be added to this tank mix
		Broadleaf Signalgrass	3-8"	Red Sprangletop	3-8"		
		Yellow Foxtail	3-8"	Texas Panicum	3-8"		
Poast	1 1/2 pint/A***	Seedling Johnsongrass	3-8"	Goosegrass	3-6"		
				Large Crabgrass	3-6"		
				Smooth Crabgrass	3-6"		

* Tank mix does not control rhizome Johnsongrass, Bermudagrass, wirestem muhly, shattercane, volunteer cereals, wild oats, red rice or itchgrass.

** For control of wild proso millet only include Poast in the tank mix at 3/4 pint/A.

*** The 1 1/2 pt/A rate of Poast will also control all grasses listed at the 1 pint/A rate.

BASAGRAN + Blazer + Poast Tank Mix* - Soybeans
General and Application Information, Restrictions and Limitations

General Information

BASAGRAN®, Poast® and Blazer® herbicides may be tank mixed for postemergence control of broadleaf and grass weeds. Weeds must be actively growing and at the recommended growth stages.

Separate applications should be made if: a) all weeds to be controlled are not at the correct growth stage for treatment at the same time, or b) grasses to be controlled include rhizome Johnsongrass, quackgrass, Bermudagrass, wirestem muhly, volunteer corn, shattercane, volunteer cereals, wild oats, red rice or itchgrass. See Table 10, SEPARATE APPLICATIONS.

Water Volume and Spray Pressure

Ground equipment: Use a minimum of 20 gallons of total spray solution per acre (broadcast basis) and a minimum of 40 psi pressure. Use standard high pressure hollow cone or flat fan nozzles spaced 20 inches apart. Do not use flood or whirl chamber nozzles.

Air equipment: Use a minimum of 10 gallons of total spray solution per acre.

Mixing/Coverage

Refer to Directions for Use - All Crops.

Early Spot Spray

When using knapsack sprayers or high volume equipment utilizing handguns (or other suitable nozzle arrangements), prepare spray solution according to Table 9. Apply to foliage on a spray-to-wet basis. Complete coverage of all foliage is essential for control. Control of perennial grassy weeds may be limited to burnoff of exposed foliage.

Observe all safety precautions when spot spraying BASAGRAN + Blazer + Poast tank mix.

Restrictions and Limitations (Partial List)

Read and follow the restrictions and limitations on the labels for BASAGRAN®, Poast® and Blazer® herbicides. The most restrictive labeling applies in tank mixes.

Do not apply tank mix within 90 days of harvest. (See label for Poast.)

Do not graze treated soybean fields and do not feed treated soybean forage, ensilage or hay to livestock (see labels for Blazer and Poast).

Do not include UAN solution (or ammonium sulfate) when tank mixing BASAGRAN, Blazer and Poast.

* Tank mix not applicable in California.

Table 8 (Cont'd.)

BASAGRAN + Blazer + Poast Tank Mix Additional Weed Control - Soybeans or Peanuts

Rate and Time of Application

Product	Rate	Weeds Controlled/Weed Size					(Rate) Additive
BASAGRAN	1 - 2 Pints/A according to weed species and size (see Table 1 Page	Apply BASAGRAN according to weed sizes in Table 1.					
plus	plus						
Poast	1 1/2 Pints/A	Barnyardgrass	3-8"	Red Sprangletop	3-8"		Oil Concentrate (2 pints/Acre)
		Broadleaf Signalgrass	3-8"	Seedling Johnsongrass	3-8"		
		Fall Panicum	3-8"	Smooth Crabgrass	3-6"		
		Giant Foxtail	3-8"	Texas Panicum	3-8"		
		Goosegrass	3-6"	Wild Proso Millet*	4-10"		
		Green Foxtail	3-8"	Witchgrass	3-8"		
		Jungle Rice	3-8"	Woolly Cupgrass	3-8"		
		Large Crabgrass	3-6"	Yellow Foxtail	3-8"		
plus	plus	**					
			Leaf Stage	Maximum Height			
Blazer	1/2-1 pint/A Use 1/2 pint for pigweed (up to 2") only; 1 pint if other weeds at right are present.	Black Nightshade	Up to 6	2"			NOTE: Do not include UAN solution or AMS when tank mixing oil concentrate with BASAGRAN and Blazer
		Common Ragweed	Up to 10	6"			
		Crotalaria	Up to 6	6"			
		Morningglories***	Up to 4	4"			
		Redroot Pigweed	Up to 6	<4"			
		Sesbania	Up to 4 pinnate	6"			
		Smooth Pigweed	Up to 6	<4"			
		Tall Waterhemp	Up to 6	<4"			

* For control of wild proso millet only, include Poast in tank mix at 3/4 pint/A.

** Tank mix does not control rhizome Johnsongrass, quackgrass, Bermudagrass, wirestem muhly, volunteer corn, shattercane, volunteer cereals, wild oats, red rice or itchgrass.

*** For consistent control of common (tall) morningglory use the 1 1/2 pint rate of BASAGRAN.

Table 9 (Cont'd.) BASAGRAN + Blazer + Poast Tank Mix - Soybeans or Peanuts

SPOT TREATMENT APPLICATION

	CONCENTRATION IN SPRAY SOLUTION			
See annual grasses and broadleaves listed in Table 8.	BASAGRAN	BLAZER	POAST	OIL CONCENTRATE
	1%	1%	1%	1%

Desired Spray Solution Volume	Amount To Be Added to Obtain a 1% Solution	
	Poast	Oil Concentrate
1 Gallon	1 1/4 Fl. Oz.*	1 1/4 Fl. Oz.
25 Gallons	1 Qt	1 Qt
50 Gallons	2 Qts	2 Qts
100 Gallons	4 Qts	4 Qts

* 2 Tablespoons = 1 Fl. Oz.

Table 10

SOYBEANS - SEPARATE APPLICATION OF BASAGRAN OR BASAGRAN + BLAZER TANK MIX*, PRECEDED OR FOLLOWED BY POAST.

Applications of BASAGRAN or BASAGRAN tank mixed with Blazer can be preceded or followed by Poast to obtain broad spectrum control of weeds listed on the respective product labels (refer to this label and the labels for Poast, and BASAGRAN + Blazer tank mix). Also refer to these product labels for timing, rate and other information for ground and aerial applications.

For best results when making separate applications, a minimum period of time is recommended between applications, depending upon their order, according to the table below.

Table 10
Soybeans or Peanuts-Separate Application of BASAGRAN or BASAGRAN + Blazer Tank Mix*, Preceded or Followed by Poast.

ORDER OF APPLICATION		
FIRST PRODUCT(S) APPLIED	SECOND PRODUCTS(S) APPLIED	MINIMUM TIME BETWEEN APPLICATIONS
BASAGRAN	POAST	24 HOURS
BASAGRAN + BLAZER	POAST	7 DAYS
POAST	BASAGRAN OR BASAGRAN + BLAZER	24 HOURS

*Tank Mixes not applicable in California.

Table 11

BASAGRAN + Pinnacle Tank Mix - Soybean

General and Application Information, Restrictions and Limitations

General Information

The tank mix of BASAGRAN® herbicide plus Pinnacle® herbicide will control certain weeds not controlled by BASAGRAN or Pinnacle alone (See Tank Mix Recommendation Table).

The tank mix is effective mainly through contact action. Therefore, weeds must be thoroughly covered with spray. Large crop-and-weed leaf canopies shelter smaller weeds and prevent adequate spray coverage.

WATER VOLUME AND SPRAY PRESSURE

Refer to Directions for Use - All Crops.

Mixing

Refer to Directions for Use - All Crops.

TIME AND RATE OF APPLICATION

Application rates and weed sizes for this tank mix are given in the Rate and Time of Application table. Apply when weeds are small and actively growing and before weeds reach the maximum size listed. Such applications should be applied normally within 14 to 28 days after planting. Soybeans are tolerant to the tank mix of BASAGRAN + Pinnacle after the first trifoliate soybean leaf has fully expanded; however, under conditions of high temperature or humidity some leaf-bronzing or leaf-speckling of soybean foliage may occur. Soybean plants will generally outgrow these conditions within 10-14 days.

Table 11 Rate and Time of Application

Product	Product Rate	Weeds Controlled	Maximum Weed Size	Additive (Rate)*
BASAGRAN	1 1/2 pints	Cocklebur	6"	Nonionic
	per acre	Common Lambsquarters	4"	Surfactant
+		Jimsonweed	6"	at 0.125% v/v
		Ladysthumb	6"	1 pint/100 gal
PINNACLE	1/4 ounce	Penn. smartweed	6"	+
	per acre	Prickly sida/Teaweed	3"	Nitrogen
		Redroot pigweed	8"	solution**
		Smooth pigweed	8"	
		Tall waterhemp	8"	
		Velvetleaf	5"	
		Venice mallow	2"	
		Wild buckwheat	3"	
		Wild mustard	4"	
		Wild sunflower	5"	

* Under dry conditions a nonionic surfactant of 0.25% v/v (2/5 or 0.4 pint per 20gal) or a crop oil concentrate at 0.5% v/v (4/5 or 0.8 pint per 20 gal) may be used to increase weed control. The use of crop oil concentrate or high rates of surfactant may increase injury to soybeans.

** See section Addition of Nitrogen Solution.

RESTRICTIONS AND LIMITATIONS (Partial List)

Always read and follow the restrictions and limitations for each product. The most restrictive labeling applies in tank mixes.

Do not apply within 60 days of harvesting soybeans.

Do not graze animals on green forage or stubble. Do not utilize hay or straw for animal feed or bedding.

Do not apply if rain is expected within 1 hour of application or unsatisfactory weed control may result.

Do not apply through any type of irrigation system.

Do not cultivate within seven days before or after application.

Do not allow spray from either ground or aerial equipment to drift onto adjacent crops or land, as injury to other plants may occur. Consult the respective labels for details.

Throughly clean sprayer immediately after spraying. See Pinnacle label for "Sprayer Cleanup".

CORN, SORGHUM - Directions For Use

Apply BASAGRAN when weeds are small and actively growing and before weeds reach the maximum size listed in the Application Rate Table for Corn, Sorghum. Such applications generally correspond to the crop growth stages of one to five leaves. Corn is tolerant to BASAGRAN at all stages of growth. Sorghum is tolerant to BASAGRAN at all stages of growth up to and including early boot stage. Very slight leaf-speckling of corn and sorghum may occur but plants generally outgrow this condition within 10 days. Corn types include field, sweet and pop, and corn grown for seed or silage. Sorghum types include grain sorghum and forage sorghum.

Restrictions and Limitations

Do not apply more than a total of 4 pints per acre in one season in corn or 2 pints per acre in one season in sorghum.

Seed producers should consult the seed company regarding tolerance of seed production inbred lines to BASAGRAN.

Do not apply to sorghum that is heading or blooming.

Do not graze treated fields for at least 12 days after the last treatment with BASAGRAN.

California only: Not recommended for control of yellow nutsedge in corn or sorghum.

Table 12

APPLICATION RATES FOR CORN, SORGHUM				
Weed Controlled	Application Rates for Weed Growth Stages*			
	1 1/2 Pts. Per Acre		2 Pts. Per Acre	
	Leaf Stage	Maximum Height	Leaf Stage	Maximum Height
Beggarticks	Up to 6	6"	6-8	8"
Bristly Starbur	Up to 4	2"	4-6	3"
Cocklebur	2-6"	6"	6-10	10"
Common Lambsquarters+	- -	- -	4-8**	2"
Common Ragweed	- -	- -	4-6**	3"
Dayflower	Up to 6	4"	6-10	8"
Devilsclaw	- -	- -	Up to 6**	3"
Galinsoga	- -	- -	Cotyledon to 6**	2"
Giant Ragweed++	- -	- -	Up to 4	6"
Jimsonweed	Up to 6	6"	6-10	10"
Ladysthumb	Up to 6	6"	6-10	10"
Pennsylvania Smartweed	Up to 6	6"	6-10	10"
Prickly Sida or Teaweed	Up to 6	3"	6-8	4"
Spurred Anoda	Up to 6	3"	6-8	4"
Tropic Croton	Up to 2	2"	2-4	4"
Velvetleaf +++	Up to 4+++	2"	4-6+++	5"
Venice Mallow	Up to 6	2"	6-10	4"
Wild Buckwheat	Up to 4	3"	4-6	5"
Wild Mustard	Up to 6	4"	6-10	8"
Wild Sunflower	Up to 4	5"	4-6	8"

For additional weeds see Special Directions section following.

*Do not treat later than leaf stage shown and do not count cotyledon leaves.

**Add oil concentrate according to section Addition of Oil Concentrate, page xx. Nitrogen Solution may be substituted for oil concentrate for all weeds except common lambsquarters, common ragweed and galinsoga. If velvetleaf is present with weeds requiring oil concentrate, a Nitrogen Solution plus Oil Concentrate may be used.

+ Control may be partial or inconsistent.

++If after the first application a second weed flush develops, re-treat according to this rate table (corn only).

+++See section Addition of Nitrogen Solution (see page xx).

Special Directions for Other Weed Problems in Corn

Morningglories
South: (AL, AR, FL, GA, LA, MS, NC, OK, SC, TN, TX, VA) To control smallflower and cypressvine and morningglories apply either 1 1/2 pints of BASAGRAN per acre to plants not larger than 4 true leaves and 4 inches in height or length, OR 2 pints of BASAGRAN per acre to plants not larger than 6 true leaves and 6 inches in length.

To control palmleaf, pitted, tall (common), entireleaf, ivyleaf and purple moonflower morningglories, apply 1 1/2 pints of BASAGRAN per acre to plants not larger than 4 true leaves and 4 inches in height (14 to 18 days after morningglory emergence). Make a second application at the same rate 5 to 14 days later.

All states other than the South (see above): Apply 2 to 3 pints of BASAGRAN per acre to annual morningglories not larger than 4 true leaves. Control may be partial or inconsistent. Add oil concentrate to the spray solution of BASAGRAN/water.

Because morningglories grow very rapidly, it is important to watch the growth stage carefully and to be certain that BASAGRAN is applied to morningglories before they exceed the maximum size recommended on this label. Add Oil Concentrate to the spray solution of BASAGRAN/water for each application. (See section Addition of Oil Concentrate.)

Canada Thistle
Apply 2 pints of BASAGRAN per acre when plants are from 8 inches tall to the bud stage. Make a second application at the same rate 7 to 10 days later.

Yellow Nutsedge
Two applications are preferred for best results. Apply 1 1/2 to 2 pints of BASAGRAN per acre when plants are 6 to 8 inches tall. If needed, make a second application at the same rate 7 to 10 days later . Add oil concentrate to the spray solution of BASAGRAN/ water for each application. (See section Addition of Oil Concentrate.)

Field and Hedge Bindweed in KY, IL, IN, MI, OH only. For suppression of field and hedge bindweed, apply 2 to 3 pints of BASAGRAN per acre when vines are a maximum of 10 inches long.

Add oil concentrate to the spray solution of BASAGRAN/water according to section "Addition of Oil Concentrate."

Late Cocklebur Rescue Treatment
This treatment is intended to provide only partial control of cocklebur in the event early postemergence treatments were not made. Thorough spray coverage is essential. Apply 2 to 3 pints of BASAGRAN per acre to plants up to 24 inches tall, or for best results, apply 1 1/2 pints of BASAGRAN per acre to plants up to 24 inches tall and repeat 10 to 14 days later. Add Oil Concentrate to spray solution according to directions in section entitled Addition of Oil Concentrate.

Special Directions for Other Weed Problems in Sorghum

Annual Morningglories

Apply 2 pints of BASAGRAN per acre to annual morningglories not larger than 4 true leaves. Control may be partial or inconsistent. Add oil concentrate to the spray solution of BASAGRAN/water, according to "Addition of Oil Concentrate" section.

Because morningglories grow very rapidly, it is important to watch the growth stage carefully and to be certain that BASAGRAN is applied to morningglories before they exceed the maximum size recommended (see page XX).

Canada Thistle

Apply 2 pints of BASAGRAN per acre when plants are from 8 inches tall to the bud stage. Control may be partial or inconsistent.

Yellow Nutsedge

Apply 1 1/2 to 2 pints of BASAGRAN per acre when plants are 6 to 8 inches tall. Add oil concentrate according to section Addition of Oil Concentrate. Control may be partial or inconsistent.

BASAGRAN plus Atrazine Tank Mix - Corn and Sorghum

The tank mix of BASAGRAN with atrazine effectively controls a broad spectrum of broadleaf weeds on the labeling of both products. For the control of annual morningglories, Canada thistle and yellow nutsedge, refer to the sections entitled Special Directions for Other Weed Problems in Corn or Sorghum.

Atrazine products compatible with BASAGRAN include AAtrex® 80 W, AAtrex® 4L, and AAtrex Nine-O® herbicides. Refer to the respective atrazine labels for additional directions and limitations. Always add nitrogen solution or oil concentrate according to the sections regarding addition of oil concentrate and addition of nitrogen solution.

Mixing and spray equipment: Use intake, in-line, or nozzle screens no finer than 50 mesh. Fill tank of a thoroughly clean sprayer half to two-thirds full of clean water. Start agitation. Add atrazine and allow to wet and mix thoroughly. Maintain agitation and add BASAGRAN and nitrogen solution, and/or oil concentrate; allow to mix. Dash may be substituted for oil concentrate. Last, add the remaining quantity of water and mix thoroughly. Maintain constant agitation during application. Avoid allowing the mixture to stand overnight. Clean sprayer immediately after use by flushing the system with water and a strong detergent. Do not allow cleaning water to contaminate streams or ponds.

Time and rate of application: Apply when weeds are small and actively growing and before weeds reach the maximum size listed in the Application Rate Table for Corn and Sorghum. Such applications generally correspond to the crop growth stages of one to five leaves.

Corn is tolerant to the tank mix at all stages of growth. Sorghum is tolerant to the tank mix at all stages of growth up to and including early boot stage.

Very light leaf speckling may occur in corn and sorghum, but plants generally outgrow this condition within 10 days.

Refer to the Conversion Table below for application rates depending on formulation. A cultivation may be necessary if all weeds are not controlled or if regrowth of weeds occurs.

Restrictions and Limitations for Tank Mix with Atrazine (Partial List)

Read and follow the restrictions and limitations on the labels for BASAGRAN and atrazine. The most restrictive labeling applies in tank mixes.

Do not use tank mix when crop is under stress from prolonged cold, wet weather, poor fertility, or other factors or when crop is wet and succulent from recent rainfall as crop injury may occur.

Seed producers should consult the seed company regarding tolerance of seed production inbred lines to tank mix.

Do not apply to sorghum that is heading out or blooming.

Do not make more than one application of tank mix per season.

Do not apply more than 4 pints of BASAGRAN per acre in one season in corn or 2 pints of BASAGRAN per acre in one season in sorghum.

Do not graze treated area or feed treated forage to livestock for 21 days following application (see label for atrazine).

Do not plant oats, sugar beets, or sunflowers the season following application in soil having a calcareous surface layer.

In the Intermountain Region of the United States, do not plant any other crop the year following application except corn or sorghum.

Do not apply this tank mix through any type of irrigation system.

Table 12 ACREAGE CONVERSION

Tank Mix Rate Recommendation	Amount of Formulated Product										
	BASAGRAN	Atrazine (AAtrex)									
	1	1 Acre			10 Acres			50 Acres			
(lb ai/A)*	Acre										
			80W	Nine-0	4L	80W	Nine-0	4L	80W	Nine-0	4L
	Pts.		Lbs.	Lbs.	Pts.	Lbs.	Lbs.	Pts.	Lbs.	Lbs.	Pts.
0.42 + 0.42	0.84		05.25	0.5	.84	5.25	5.0	8.4	26.25	50.0	42
0.5 + 0.5	1		5/8	6/10	1	6-1/4	6	10	31-1/2	30	50
0.75 + 0.75	1-1/2		1	9/10	1-1/2	10	9	15	50	45	75

* According to weed growth stage indicated in table below.

Table 13

APPLICATION RATES FOR TANK MIX OF BASAGRAN + ATRAZINE FOR CORN AND SORGHUM

Weed Controlled	Application Rates for Weed Growth Stages*					
	0.42 + 0.42 lb ai/A*		0.5 + 0.5 lb ai/A*		0.75 + 0.75 lb ai/A*	
	Leaf Stages	Maximum Height	Leaf Stages	Maximum Height	Leaf Stages	Maximum Height
Beggarticks					Up to 6	6"
Bristly Starbur					Up to 4	2"
Cocklebur	2-4**	3"	2-10**	8"	2-10**	8"
Common Lambsquarters	2-6	2"	Up to 8	5"	8-12	8"
Common Ragweed			Up to 4***	4"	4-7***	5"
Dayflower					Up to 6	4"
Giant Ragweed			Up to 4	4"	4-6	6"
Jimsonweed	2-4	3"	Up to 6	6"	6-10	8"
Kochia			--	4"	-	4"
Ladysthumb	2-6	4"	Up to 10	10"	10-14	12"
Morningglory, Annual,			Up to 4	4"	4-6	6"
Morningglory, Smallflower			Up to 4	4"	4-6	6"
Pennsylvania Smartweed	2-6	4"	Up to 10	10"	10-14	12"
Prickly Sida or Teaweed			Up to 4	2"	Up to 10	6" 4"
Redroot Pigweed	2-4	2"	Up to 10	6"	Up to 10	6"
Smooth Pigweed	2-4	2"	Up to 10	6"	Up to 10	6"
Spurred Anoda					Up to 6	3"
Tall Waterhemp			Up to 8	2"	6-9	4"
Velvetleaf[a]	2-4	3"	Up to 8	8"	8-10	10"
Venice Mallow			Up to 8	4"	Up to 8	4"
Wild Buckwheat			Up to 4	3"	4-6	5"
Wild Mustard			Up to 6	4"	6-10	8"
Wild Sunflower			Up to 5	6"	4-6	8"

Other weeds: Other weeds listed on the label for BASAGRAN at the 3/4 pound rate will also be controlled with the 3/4 plus 3/4 pound BASAGRAN + atrazine tank mix. Refer to page xx.

* Refer to Conversion Table for recommended rate of formulated product per acre. Add nitrogen solution or one quart of oil concentrate or one quart of DASH® spray adjuvant for all weeds except common ragweed. When common ragweed predominates, use oil concentrate. See sections Addition of Solution or Addition of Oil Concentrate.

**Do not treat earlier than leaf stage shown and do not count cotyledon leaves.

***Add one quart per acre of oil concentrate, not nitrogen solution, when this weed predominates.

[a]For velvetleaf, always add UAN solution instead of oil concentrate or Dash.

RICE - DIRECTIONS FOR USE (NOT FOR USE IN CALIFORNIA)

Apply BASAGRAN early postemergence, before weeds exceed the maximum size listed in the Application Rate Table for Rice.

Early application produces the most beneficial effect on crop yields, allows use of the lower rate (depending on weed species), and makes it easier to obtain thorough spray coverage. Delay in application which permits weeds to exceed the maximum size for a given rate will result in inadequate control.

BASAGRAN has no adverse effect on rice when used according to directions and may be used on the first and second (ratoon) crops. If grasses are a problem, use propanil in tank mix with BASAGRAN (see below).

For optimal coverage when applying BASAGRAN by air in rice, orient all nozzles straight back. For additional aerial application information, refer to DIRECTIONS FOR USE.

Oil concentrate should be applied according to the directions in the section entitled Addition of Oil Concentrate. When tank mixing BASAGRAN with propanil, oil concentrate should not be included as crop injury may be enhanced.

Alternate flooding culture: In Texas, Louisiana, Arkansas and Mississippi, weed growth stages generally correspond to rice that is tillering (stooling) and occur prior to the permanent flood. Application of BASAGRAN must be made when there is no water on the field and 24 hours or more prior to flooding. If BASAGRAN cannot be applied until after flooding see directions under Continuous flooding culture.

Continuous flooding culture: In states using continuous flooding culture or when treating after permanent flood, treatment should be made only when weeds are above the surface of the water. Weeds submerged at the time of application will result in inadequate control.

For early treatment, water may be partly or completely drained to expose more weed growth to spray applications of BASAGRAN. Do not raise water level for at least 24 hours after application or unsatisfactory control may result. Do not use ground equipment for applications of flooded fields because splashing will wash BASAGRAN off weed leaf surfaces and ineffective control may result.

Restrictions and Limitations

Rice straw may be fed to livestock.

Do not apply BASAGRAN to rice with ground equipment when field is flooded because splashing will wash BASAGRAN off weed leaf surfaces and ineffective control may result.

Do not apply more than 6 pints of BASAGRAN per acre in one season. (Maximum of 4 pints per acre in first crop and 2 pints per acre in second [ratoon] crop.)

Do not use BASAGRAN on rice fields in which the commercial cultivation of catfish or crayfish is practiced.

Do not use water containing BASAGRAN residues from rice cultivation to irrigate crops used for food or feed unless BASAGRAN is registered for use on these crops.

Do not contaminate water when disposing of equipment wash water.

Tank Mix with Propanil

Prepare tank mix by adding BASAGRAN to half the final volume of water with agitator running. Then add propanil and bring mix to final volume. Agitation must be continuous from time of mixing through spraying.

Apply BASAGRAN at the rate of 1 1/2 pints per acre plus either 3 quarts (4 lbs/gal) or 4 quarts (3 lbs/gal) of propanil formulation* in the spray volume specified on this labeling.

Apply this tank mix only to drained fields.

Restrictions and Limitations for BASAGRAN + Propanil Tank Mix (Partial List)

Do not use propanil on second crop (ratoon) rice.

When applying tank mix of BASAGRAN/propanil by air, orient all nozzles straight back in accordance with the propanil label.

Observe all restrictions and limitations on this and the propanil labels. In tank mixes the most restrictive labeling applies.

* Propanil products compatible with BASAGRAN are STAM F-34 (3 lbs/gal); STAM M-4 (4lbs/gal); Helena 4(4 lbs/gal) and Crystal 4E lbs/gal).

Table 14

APPLICATION RATES FOR RICE - DRAINED FIELDS

Weeds Controlled (All States)	Application Rate For Weed Growth Stages			
	1 1/2 Pts. Per Acre*		2 Pts. Per Acre*	
	Leaf Stage	Max. Height	Leaf Stage	Max. Height
Cocklebur	2-10	10"	10-15	15"
Dayflower	2-10	6"	10-15	10"
Duckssalad	- -	- -	6-10**	6"
Gooseweed	4-6	4"	6-10	8"
Redstem	Up to 6	4"	6-10	8"
Redweed	4-6	6"	6-10	8"
Smartweed	2-10	6"	10-15	10"
Spikerush	2-6	6"	6-8	8"
Water Plantains				
Arrowhead	- -	- -	Up to 4	7"
Common Water Plantain	- -	- -	Up to 4	7"
Yellow Nutsedge	4-6	6"	6-8	10"

* If after the first application a second weed flush develops, re-treat according to this Rate Table.
Control may be partial or inconsistent.

Table 15

APPLICATION RATES FOR RICE - FLOODED FIELDS

Weeds Controlled	Application Rates for Weed Growth Stages			
	1 1/2 Pts. Per Acre*		2 Pts. Per Acre*	
	Maximum Height Above Soil	Minimum Height Range Above Water Level	Maximum Height Above Soil	Minimum Height Range Above Water Level
Cocklebur	10"	3" - 6"	15"	6" - 10"
Dayflower	6"	3" - 5"	10"	5" - 8"
Redstem	4"	2" - 3"	8"	4" - 6"
Smartweed	6"	2" - 5"	10"	5" - 8"
Water Plantains				
Arrowhead	- -	- -	7"	5" - 6"
Common Water Plantain	- -	- -	7"	5" - 6"
Yellow Nutsedge	6"	4" - 5"	10"	6" - 8"

If after the first application a second weed flush develops, retreat according to this Rate Table.

PEANUTS - DIRECTIONS FOR USE

Apply BASAGRAN when weeds are small and actively growing and before weeds reach the maximum size listed in table, Application Rates for Peanuts. Such applications may occur from peanut cracking through pegging.

Peanuts are tolerant to BASAGRAN at all stages of growth, but slight leaf-speckling may occur under certain conditions (see Restrictions and Limitations). Peanut plants generally outgrow this condition within 10 days.

Restrictions and Limitations

Do not apply BASAGRAN if peanuts show injury (leaf phytotoxicity and/or plant stunting) produced by any prior herbicide applications (preplant incorporated, preemergence, cracking and/or postemergence), because this injury may be enhanced and/or prolonged. In the Southeast, in-furrow treatments of insecticides/nematicides may predispose peanuts to injury from BASAGRAN.

not apply more than a total of 4 pints of BASAGRAN per acre in e..e season.

Peanut hay and forage may be fed to livestock.

Do not graze treated peanut fields for a least 50 days after the last BASAGRAN treatment.

Table 16 - APPLICATION RATES FOR PEANUTS

Weeds Controlled	Application Rates for Weed Growth Stages+					
	1 Pt. Per Acre++		1 1/2 Pts. Per Acre		2 Pts. Per Acre	
	Leaf Stage	Max. Height	Leaf Stage	Max. Height	Leaf Stage	Max. Height
Balloonvine	- -	- -	2-4	2"	4-6	3"
Beggarticks	- -	- -	Up to 6	6"	6-8	8"
Bristly Starbur	- -	- -	Up to 4	2"	4-6	3"
Cocklebur	2 to 4*	4"	2-6*	6"	6-10	10"
Coffee Senna	- -	- -	- -	- -	Up to 1** pinnate	2"
	- -	- -	- -	- -		
Common Ragweed	- -	- -	- -	- -	4-6**	3"
Dayflower	- -	- -	Up to 6	4"	6-10	8"
Devilsclaw	- -	- -	- -	- -	Up to 6**	3"
Giant Ragweed+	- -	- -	- -	- -	Up to 4	6"
Jimsonweed	Up to 4	4"	Up to 6	6"	6-10	10"
Ladysthumb	Up to 4	4"	Up to 6	6"	6-10	10"
Pennsylvania Smartweed	Up to 4	4"	Up to 6	6"	6-10	10"
Prickly Sida or Teaweed	- -	- -	Up to 6	3"	6-8	4"
Spurred Anoda	- -	- -	Up to 6	3"	6-8	4"
Tropic Croton	- -	- -	Up to 2	2"	2-4	4"
Velvetleaf	- -	- -	Up to 4	2"	4-6	5"
Wild Sunflower	- -	- -	Up to 4	5"	4-6	8"

For additional weeds see Special Directions section following.

* Do not treat earlier than leaf stage shown and do not count cotyledon leaves.

** Add oil concentrate according to section Addition of Oil Concentrate, page xx.

\+ If a second flush occurs, retreat according to this rate table.

++ Apply before weeds reach the maximum size or leaf stage indicated. If regrowth develops, reapply 1 pint 7 to 14 days after the first application.

SPECIAL DIRECTIONS FOR OTHER WEED PROBLEMS IN PEANUTS

Annual Morningglories

To control smallflower and cypressvine morningglories apply either 1 1/2 pints of BASAGRAN per acre to plants not larger than 4 true leaves and 4 inches in height, OR 2 pints of BASAGRAN per acre to plants not larger than 6 true leaves and 6 inches in height.

To control palmleaf, pitted, common, entireleaf, purple moonflower and ivyleaf morningglories, apply 1 1/2 pints of BASAGRAN per acre to plants not larger than 4 true leaves and 4 inches in height (14 to 18 days after morningglory emergence). Make a second application at the same rate 5 to 14 days later.

Because morningglories grow very rapidly, it is important to watch the growth stage carefully and to be certain that BASAGRAN is applied to morningglories before they exceed the maximum size recommended (see page XX). Add oil concentrate to the spray solution of BASAGRAN/water for each application. (See Addition of Oil Concentrate.)

Yellow Nutsedge

Two applications are preferred for best results. Apply 1 1/2 to 2 pints of BASAGRAN per acre when plants are 6 to 8 inches tall. In Texas and Oklahoma 2 pints. If needed, make a second application at the same rate 7 to 10 days later. Add oil concentrate to the spray solution of BASAGRAN/water, according to the section Addition of Oil Concentrate, page xx.

Late Cocklebur Rescue Treatment

This treatment is intended to provide partial control of cocklebur in the event early postemergence treatments were not made. Very thorough spray coverage is essential. Apply 2 to 3 pints of BASAGRAN per acre to plants up to 24 inches tall or, for best results, apply 1 1/2 pints of BASAGRAN per acre to plants up to 24" tall and repeat 10 to 14 days later. Add oil concentrate according to the section Addition of Oil Concentrate.

BASAGRAN + 2,4-DB, Tank Mix* -- Peanuts
General and Application Information, Restrictions and Limitations

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General Information

These directions are intended to provide the user of BASAGRAN with instructions for tank mixing with 2,4-DB (such as Butyrac® 200 or Butoxone® 200 herbicides) to control entireleaf, tall (common), and ivyleaf morningglories in addition to all other weeds listed in Table 1. Weeds must be actively growing and at recommended growth stages. Delay in application which permits weeds to exceed maximum size stated will result in inadequate control.

Water Volume and Spray Pressure

Refer to section entitled Directions for Use - All Crops.

Ground equipment

Refer to section entitled Directions for Use - All Crops.

Mixing

Refer to Directions for Use - All Crops.

* Tank mix not applicable in California.

Coverage

The tank mix is effective partly through contact action. Therefore, weeds must be thoroughly covered with spray. If applied to morningglories larger then 10", control will be inadequate.

Large crop-and-weed leaf canopies shelter smaller weeds and prevent adequate spray coverage.

Peanuts are tolerant to the tank mix of BASAGRAN + 2,4-DB; however, under certain conditions peanuts may have a white, bleached appearance and the leaves may be slightly elongated.

Restrictions and Limitations for Tank Mix with 2,4-DB (Partial list)

Read and follow the restrictions and limitations on the labels for BASAGRAN and 2,4-DB. The most restrictive labeling applies in tank mixes.

Use only amine formulations of 2,4-DB.

not apply to or allow drift to any other adjacent crop.

Do not add oil or any other additives to tank mix.

Do not apply tank mix if peanuts show injury (leaf phytotoxicity and/or plant stunting) produced by any other prior herbicide treatment or by disease because this injury may be enhanced and/or prolonged.

Do not apply tank mix during prolonged periods of drought or during unseasonably cold weather, as unsatisfactory weed control may result.

Do not apply tank mix to peanuts that have been subject to stress conditions such as hail damage, flooding, drought, injury from other herbicides, or unseasonably cold or widely fluctuating temperatures because injury may result.

Do not apply more than 2 applications of the tank mix per season.

Do not apply within 30 days of harvest in Oklahoma Texas and New Mexico or 45 days in the Virginia-Carolina area. (See label for 2,4-DB.)

Do not feed treated peanut vines and peanut hay to livestock. (See label for 2,4-DB.)

Table 17 - Peanuts

BASAGRAN + 2,4-DB, Tank Mix Additional Weed Control - Peanuts

Rate and Time of Application

Product	Rate	Weeds Controlled/Weed Size		Additives
BASAGRAN	1 1/2-2 Pints/A according to weed species and size (see Table 1 Page __)	Apply BASAGRAN according to weed sizes in Table 1.		Do not add oil concentrate or any other additives (including UAN solution) to this tank mix.
plus	plus			
DB (amine formulation)	8 fl. oz/A of Butoxone 200 or Butyrac 200. (0.125 pound ae**/A)	Morninggl[illegible]s: Ivyleaf Tall (Common) Entireleaf	Vines up to 10" long	

* Acid equivalent.

BASAGRAN + Blazer Tank Mix* - Peanuts
General and Application Information, Restrictions and Limitations

General Information

The tank mixes of BASAGRAN® + Blazer® herbicides will control the weeds listed in Tables 3 and 4.

Table 18 - All States

BASAGRAN:	1 pint/A
Blazer	1 pint/A

Table 19 - All States for additional weeds or larger sizes

BASAGRAN:	1 1/2 - 2 pints/A
Blazer	1 pint/A

For Time of Application, Water Volume, Spray Pressure and Mixing directions refer to the BASAGRAN Blazer tank mix for soybeans.

*Tank mix not applicable in California.

Restrictions and Limitations (Partial List) for tank mix with Blazer

Observe all applicable directions, restrictions and precautions on this label and the Blazer label. The most restrictive labeling applies in tank mixes.

Do not apply tank mix if peanuts show injury (leaf phytotoxicity and/or plant stunting) produced by any other prior herbicide treatment because this injury may be enhanced and/or prolonged.

Do not apply tank mix during prolonged periods of drought or during unseasonably cold weather, as unsatisfactory weed control may result.

Do not apply tank mix to peanuts that have been subject to stress conditions such as hail damage, flooding, drought, or unseasonably cold or widely fluctuating temperatures because injury may result.

Do not add a surfactant or oil concentrate except where specifically recommended.

Table 18		All States BASAGRAN + Blazer Tank Mix -Peanuts Rate and Time of Application			
Product	Rate	Weeds Controlled/Weed Size			Additive Rate
			Leaf Stage	Maximum Height	
		Black Nightshade	Up to 2	<2"	
		Bristly Starbur	4-6	3"	
		Cocklebur	2-6	6"	
		Common Lambsquarters	4-6	2"	
		Common Ragweed[a]	4-6	3"	
BASAGRAN	1 pint/A	Crotalaria**	Up to 6	6"	
		Jimsonweed	Up to 6	6"	
+	+	Morningglories[b]	Up to 2	2"	Oil Concentrate
		Pennsylvania Smartweed	Up to 6	6"	(1 pt./A)
Blazer	1 pint/A[c]	Prickly Sida (Teaweed)*	Up to 4	2"	
		Redroot Pigweed	Up to 6	3"	
		Sesbania**	Up to 4	6"	
		Smooth Pigweed	Up to 6	3"	
		Spurred Anoda*	Up to 4	2"	
		Velvetleaf*	Up to 4	2"	
		Wild Mustard	Up to 6	4"	

a. For common ragweed up to 6 inches tall and 10 leaves use 1 1/2 pints of BASAGRAN with 1 pint of Blazer.
b. For common (tall) morningglory, increase rate of BASAGRAN to 1 1/2 pts.
c. Blazer may also be included in the tank mix at a rate of up to 2 pints per acre; however, this will increase the severity and/or frequency with which peanut injury is observed.
* For more consistent control, increase the BASAGRAN rate to 1 1/2 pints per acre.
** If crotalaria or sesbania are present, add Triton AG-98 at the rate of 1/2 pint per 100 gallons of spray solution; but do not combine Triton AG-98 with oil concentrate.

Table 19 All States (for additional weeds or larger weed sizes)
BASAGRAN + Blazer Tank Mix - Peanuts
Rate and Time of Application

Product	Rate[a]	Weeds Controlled/Weeds Size			Additive Rate
		Balloonvine	Ladysthumb		
BASAGRAN	1 1/2-2 pints/A	Beggarticks	Marshelder		
	according to	Bristly Starbur	Pennsylvania Smartweed		
	weed species	Cocklebur	Prickly Sida or Teaweed		
	and size	Coffee Senna[b]	Smallflower Morningglory		
	(See Table 16,	Common Ragweed[b]	Spurred Anoda		
	Page xx)	Cypressvine Morningglory	Tropic Croton		
		Dayflower	Velvetleaf[b]		
		Devilsclaw[b]	Wild Sunflower		
		Giant Ragweed	Yellow Nutsedge[b]		
		Jimsonweed			
plus	plus				
			Leaf Stage	Maximum Height	
Blazer	1 pint/A	Common Ragweed[b]	Up to 10	6"	Oil
		Black Nightshade	Up to 2	<2"	Concentrate[b]
		Morningglories	Up to 2	2"	
		Crotalaria[b]	Up to 6	6"	
		Sesbania[b]	Up to 4 pinnate	6"	
		Tall Waterhemp	Up to 6	3"	
		Redroot Pigweed	Up to 6	3"	
		Smooth Pigweed	Up to 6	3"	
		Citron	Up to 4	2"	

a. Choose the rate of BASAGRAN (1 1/2 or 2 pints per acre) according to the size and species of the weeds to be controlled with BASAGRAN alone (see Table 16, Application Rates for Peanuts). Then add Blazer at the rate of 1 pint per acre, if needed, to control the additional weed species, up to the maximum size, as shown in the Tank Mix Time of Application Table above. Blazer may also be included in the tank mix at a rate of up to 2 pints per acre; however, this will increase the severity and/or frequency with which peanut injury is observed.

b. Add oil concentrate to the tank mix according to recommendations in Table 16, "Application Rate Table for Peanuts," Page xx. The addition of oil concentrate may increase the severity and frequency of peanut injury. If crotalaria or sesbania are present, add Triton AG-98 at the rate of 1/2 pint per 100 gallons of spray solution. But do not mix Tritnn AG-98 with oil concentrate.

BASAGRAN + Blazer + Poast Tank Mix* - Peanuts
General and Application Information, Restrictions and Limitations

General Information

BASAGRAN®, Poast® and Blazer® herbicides may be tank mixed for postemergence control of broadleaf and grass weeds. Weeds must be actively growing and at the recommended growth stages. Refer to Tables 8 and 9, Rate and Time of Application.

Separate applications should be made if: a) all weeds to be controlled are not at the correct growth stage for treatment at the same time, or b) grasses to be controlled include rhizome Johnsongrass, quackgrass, Bermudagrass, wirestem muhly, volunteer corn, shattercane, volunteer cereals, wild oats, red rice or itchgrass. See Table 10, SEPARATE APPLICATIONS.

Refer to the section Directions for Use - Soybeans for Water Volume and Spray Pressure, Mixing and for Early Spot Spray.

Restrictions and Limitations (Partial List)

Read and follow the restrictions and limitations on the labels for BASAGRAN, Poast and Blazer herbicides. The most restrictive labeling applies in tank mixes.

Do not apply tank mix within 90 days of harvest. (See label for Poast.)

Do not graze treated peanut fields and do not feed treated peanut forage, ensilage or hay to livestock (see labels for Blazer and Poast).

Do not include UAN solution (or ammonium sulfate) when tank mixing BASAGRAN, Blazer and Poast.

* Tank mix not applicable in California.

BASAGRAN + STARFIRE TANK MIX* - PEANUTS

The tank mix of BASAGRAN® plus STARFIRE® herbicide will also control certain weeds not controlled by BASAGRAN alone (see Tank Mix Recommendation Table).

Since this tank mix is effective mainly through contact action, thorough coverage of weeds is essential for effective weed control. Large crop-and-weed leaf canopies shelter smaller weeds and prevent adequate spray coverage. Crop foliage present at application may bronze or crinkle, but the plants will soon outgrow these effects and develop normally.

Time and Rate of Application

The application rates and weed sizes for this tank mix are given in the Rate and Time Application Table. This tank mix should be applied at the ground crack stage of peanuts to control emerged annual grass and broadleaf weeds. A second application may be applied up to 28 days after ground crack stage. Do not make more than two applications of this tank mix to the same crop.

Apply the BASAGRAN + STARFIRE tank mix to weeds which are actively growing and before weeds reach the maximum size listed in the Application Recommendation Table.

Application to weeds which exceed the maximum size stated may result in inadequate control.

* Tank mix not applicable to California.

Spray Additives

Always add a nonionic surfactant containing at least 50% surface active agent at the rates listed in the Tank Mix Recommendation Table. Do not use crop oil concentrate or any other oil-based additive with this tank mix.

Water Volume and Spray Pressure

Use a minimum of 20 gallons of total spray mixture per acre (broadcast basis) and 30-50 psi pressure with standard high pressure hollow cone or flat fan nozzles spaced 20 inches apart. Use only ground equipment to apply this tank mix.

Mixing

Fill the spray tank half full with water while the agitator is running and add the recommended amount of BASAGRAN, STARFIRE and nonionic surfactant. Then add the remaining quantity of water.

Restrictions and Limitations (Partial List)

Read and follow the restrictions and limitations on the labels for BASAGRAN and STARFIRE. The most restrictive labeling applies in tank mixes.

Do not apply tank mix if peanuts show injury (leaf phytotoxicity and/or plant stunting) produced by any other prior herbicide treatment because this injury may be enhanced and/or prolonged.

Do not apply tank mix during prolonged periods of drought or during unseasonably cold weather, as unsatisfactory weed control may result.

Do not apply tank mix to peanuts that have been subjected to stress conditions such as hail damage, flooding, drought, or unseasonably cold or widely fluctuating temperatures because injury may result.

Avoid drift to all other crops and non-target areas. Crops other than peanuts may be severely injured by drift.

BASAGRAN + STARFIRE TANK MIX - PEANUTS
RATE AND TIME OF APPLICATION

Table 20

Product	Product Rate	Weeds Controlled	Weed Growth Stages		
			Leaf Stage	Max. Height	Additive
BASAGRAN	1 pint/A	Balloonvine	2-4	2"	Use
		Beggarticks	up to 6	6"	suitable
		Bristly Starbur	up to 4	2"	non-ionic
		Cocklebur	2-6*	6"	surfactant
		Coffee Senna	(up to 1 pinnate)	2"	at .125% v/v
		Common Ragweed	up to 6	3"	1 pt/100
		Dayflower	up to 6	4"	gallons
		Devilsclaw	up to 6	3"	water or as
		Giant Ragweed	up to 4	6"	directed on
		Jimsonweed	up to 6	6"	respective
		Ladysthumb	up to 6	6"	label.
		Pennsylvania Smartweed	up to 6	6"	
		Prickly Sida or Teaweed	up to 4	2"	
		Spurred Anoda	up to 6	3"	
		Tropic Croton	up to 2	2"	
		Velvetleaf	up to 4	2"	
		Wild Sunflower	up to 4	5"	
--plus--	--plus--				
STARFIRE	~~0.41 pint/A~~	Smooth Pigweed	up to 6	4"	
		Redroot Pigweed	up to 6	4"	
	~~(6.5 fl.oz./A)~~	Tall Waterhemp	up to 6	4"	
		Sicklepod	up to 4	4"	
	0.69 pint/A	Florida Beggarweed	up to 4	4"	
		Morningglories	up to 6	4"	
	11 fl.oz./A	Smallflower	up to 4	3"	
		Texas Panicum	up to 2	2"	
		Crabgrass			
		Smooth	up to 2	2"	
		Large	up to 2	2"	
		Goosegrass	up to 2	2"	

* Do not treat earlier than leaf stage shown and do not count cotyledon leaves.

BEANS (DRY or SUCCULENT) - DIRECTIONS FOR USE

Apply BASAGRAN early postemergence when weeds are small and actively growing and before weeds reach the maximum size listed in the Application Rate Table for Beans. Such weed growth stages generally correspond to bean stages of greater than one expanded trifoliate leaf.

Beans are tolerant to BASAGRAN after the first trifoliate leaf has fully expanded. Snap bean injury can be very pronounced. Even at the tolerant stages, yellowing, bronzing, speckling or burning of leaves may occur under certain conditions (see Restrictions and Limitations). This temporary injury is generally outgrown without delaying podset or maturity or reducing yield. The use of oil with BASAGRAN may increase injury and may reduce yields.

Tolerant bean types are adzuki, navy, pinto, pinks, great Northern, kidney, red, white, cranberry, black turtle soup, small limas, large limas and snap beans.

Table 21

APPLICATION RATES FOR BEANS (DRY or SUCCULENT)

Weeds Controlled	Application Rates For Weed Growth Stages					
	1 Pt. Per Acre*		1 1/2 Pts. Per Acre		2 Pts. Per Acre	
	Leaf Stage	Max. Height	Leaf Stage	Max. Height	Leaf Stage	Max. Height
Cocklebur (PNW)	2-4*	4"	2-6**	6"	6-10	10"
Common Lambsquarters+	Up to 4	1"***	Up to 6	1 1/2"***	4-8	2"***
Common Purslane	- -	- -	Up to 4	1"	4-6	2"
Common Ragweed	- -	- -	- -	- -	4-6	3"
Devilsclaw	- -	- -	- -	- -	Up to 6***	3"
Galinsoga	- -	- -	- -	- -	cotyledon	2"
					Up to 6***	
Giant Ragweed++	- -	- -	- -	- -	2-4	6"
Hairy Nightshade****	- -	- -	-	- -	2-6	4"
Jimsonweed	- -	- -	Up to 6	6"	6-10	10"
Ladysthumb	- -	- -	Up to 6	6"	6-10	10"
Marshelder	- -	- -	Up to 4	2"	4-8	4"
Pennsylvania Smartweed	Up to 4	4"	Up to 6	4"	6-10	10"
Prickly Sida cr						
Teaweed	- -	- -	Up to 6	3"	6-8	4"
Sheoherdspurse+++	- -	- -	Up to 6	4"	6-10	8"
vetleaf[a]	Up to 3	2"	Up to 4	2"	4-6***	5"
Venice mallow	Up to 4	2"	Up to 6	2"	6-10	4"
Wild Mustard (PNW)	Up to 4	2"	Up to 6	4"	6-10	10"
Wild Sunflower	Up to 2	3"	Up to 4	5"	4-6	8"

a. See section Addition of Nitrogen Solution, DIRECTIONS FOR USE - ALL CROPS.

* Apply before weeds reach the maximum size or leaf stage indicated. If regrowth develops, make a second application of 1 pint 7 to 14 days after the first application. (This rate not applicable in California.)

** Do not treat earlier than leaf stage shown and do not count cotyledon leaves.

***Add oil concentrate according to the DIRECTIONS FOR USE-ALL CROPS.

**** BASAGRAN does not adequately control black nightshade.

+Control may be partial or inconsistent.

++If after the first application a second weed flush develops, re-treat according to this rate table.

+++Do not treat rosette or before seed stalk appears.

PNW - See special directions for Pacific Northwest.

Western Irrigated Areas

In the Western irrigated areas, it may be necessary to irrigate prior to treatment with BASAGRAN to ensure that weeds are growing actively. Weeds tha are growing under moisture stress are not actively growing and are not satisfactorily controlled.

Avoid application of BASAGRAN during prolonged periods of cold weather (day temperature below 75°F and night temperature below 55° for 2 to 5 days) because weed control may be nullified.

Special Directions for Other Weed Problems in Beans
Yellow Nutsedge Two applications are preferred for best results. Apply 1 1/2 to 2 pints (except Pacific Northwest) of BASAGRAN per acre when plants are 6 to 8 inches tall. If needed, make a second application at the same rate 7 to 10 days later. Add oil concentrate to the spray solution of BASAGRAN/water for each application according to the DIRECTIONS FOR USE-All Crops. In California: Apply 2 pints of BASAGRAN per acre when plants are 6 to 8 ·hes tall. Make a second application at the same rate 10 to 14 days later. ..e use of oil concentrate with BASAGRAN may increase injury and may reduce yields.
Canada Thistle Apply 2 pints of BASAGRAN per acre when plant·. are from 8 inches tall to the bud stage. Make a second application at the same rate 7 to 10 days later.
Field and Hedge Bindweed in KY, IL, IN, MI, ON only. For suppression of field and hedge bindweed, apply 2 or 3 pints of BASAGRAN per acre when vines are a maximum of 10 inches long. Add oil concentrate to the spray solution of BASAGRAN/water, according to the DIRECTIONS FOR USE-All Crops.
Pacific Northwest (ID, OR, WA) For control of cocklebur, yellow nutsedge and wild mustard, use only the 2 pint rate. For cocklebur and wild mustard, treat when plants are in the 2-10 leaf stage and a maximum height of 10 inches. For yellow nutsedge, follow the directions indicated above using only the 2 pint rate.

Restrictions and Limitations (Partial List)

Do not apply BASAGRAN to bean fields until beans have at least the first trifoliate leaf fully expanded because severe crop damage may occur.

Do not apply BASAGRAN to blackeyes grown in California or to garbanzo beans or lupines at any stage of growth, as severe crop damage may occur.

Do not apply more than a total of 4 pints of BASAGRAN per acre in one season.

Do not apply BASAGRAN to dry or succulent beans within 30 days of harvest.

PEAS (DRY OR SUCCULENT)

Directions For Use

Apply BASAGRAN® herbicide early postemergence when weeds are small and actively growing and before weeds reach the maximum size ...sted in Table 22, Application Rates for Peas. Such weed growth stages generally correspond to pea stages of greater than 3 pairs of leaves (or 4 nodes).

Peas are tolerant to BASAGRAN after 3 pairs of leaves (or 4 nodes) are present. Pea injury can be very pronounced. Even at tolerant stages, yellowing, bronzing, speckling or burning of leaves may occur under certain conditions (see Restrictions and Limitations). This temporary injury is generally outgrown without delaying podset or maturity or reducing yield.

Tolerant pea types are garden peas, English peas and southern peas.

Western Irrigated Areas

In the Western irrigated areas, it may be necessary to irrigate prior to treatment with BASAGRAN to ensure weeds are growing actively. Weeds that are growing under moisture stress are not actively growing and are not satisfactorily controlled.

Avoid application of BASAGRAN during prolonged periods of cold weather (day temperature below 75°F and night temperature below 55°F for 2 to 5 days) because weed control may be nullified.

Restrictions and Limitations (Partial List)

Do not apply BASAGRAN to dry or succulent peas within 30 days of harvest.

Do not apply BASAGRAN to pea fields until peas have at least 3 pairs of leaves (or 4 nodes) because severe crop damage may occur.

Do not apply BASAGRAN to peas under stress from root rot.

In the Southeast, in-furrow treatments of insecticides/nematicides may possibly predispose the peas to injury from BASAGRAN.

Do not apply BASAGRAN to blackeyes grown in California or to garbanzo beans or to lupines at any stage of growth, as severe crop damage may occur.

Do not apply more than a total of 4 pints of BASAGRAN per acre in one season.

DO NOT ADD OIL TO BASAGRAN FOR USE ON PEAS.

Table 22 APPLICATION RATES FOR PEAS (DRY OR SUCCULENT)

Weeds Controlled	Application Rates For Weed Growth Stages			
	1 1/2 Pts. Per Acre		2 Pts. Per Acre	
	Leaf Stage	Maximum Height	Leaf Stage	Maximum Height
Cocklebur (PNW)	2-4*	6"	6-10	10"
Common Purslane	Up to 4	1"	4-6	2"
Giant Ragweed+	- -	- -	2-4	6"
Hairy Nightshade**	- -	- -	2-6	4"
Jimsonweed	Up to 6	6"	6-10	10"
Ladysthumb	Up to 6	6"	6-10	10"
Marshelder	Up to 4	2"	4-8	4"
Mayweed/dogfennel (PNW)	- -	2"	-	3"
Pennsylvania Smartweed	Up to 6	4"	6-10	10"
Prickly Sida or Teaweed	Up to 6	3"	6-8	4"
Shepherdspurse++	Up to 6	4"	6-10	8"
Velvetleaf[a]	Up to 4	2"	4-6	5"
Venice Mallow	Up to 6	2"	6-10	4"
Wild Mustard (PNW)	Up to 6	4"	6-10	10"
Wild Sunflower	Up to 4	5"	4-6	8"

For additional weeds see Special Directions section following.

See section Addition of nitrogen solution

Do not treat earlier than leaf stage shown and do not count cotyledon leaves.

** BASAGRAN does not adequately control black nightshade.

+ If after the first application a second weed flush develops, retreat according to this rate table.

++ Do not treat rosette or before seed stalk appears.

PNW See special directions for Pacific Northwest.

Special Directions for Other Weed Problems in Peas

Canada Thistle

Apply 2 pints of BASAGRAN per acre when plants are from 8 inches tall to bud stage. Make a second application at the same rate 7 to 10 days later.

Pacific Northwest (ID, OR, WA)

For control of cocklebur and wild mustard, use only the 2 pint rate when plants are in the 2 to 10 leaf stage and a maximum height of 10 inches.

BASAGRAN + Thistrol Tank Mix for Postemergence Application in Peas

For Use in ME, NH, VT, MA, CT, RI, NY, PA, NJ, VA, MD, DE, WA, ID, OR

General Information

The tank mix of BASAGRAN® herbicide plus Thistrol® herbicide will control certain weeds not controlled by BASAGRAN alone (see Table 23).

Since this tank mix is effective mainly through contact action, thorough coverage of weeds is essential for effective weed control. Large crop-and-weed leaf canopies shelter smaller weeds and prevent adequate spray coverage. Crop foliage present at application may be injured in the form of yellowing, bronzing, speckling, and/or twisting, but plants usually outgrow this temporary injury and develop normally.

Time and Rate of Application

Applications rates and weed sizes for this tank mix are given in Table . This tank mix should be applied after the three leaf stage (four node stage) of peas, but not later than three nodes before pea flowering.

Apply the tank mix of BASAGRAN plus Thistrol to weeds that are actively growing and before weeds reach the maximum size listed.

Application to weeds that exceed the maximum size stated may result in inadequate control.

Notice to User

Due to variability among pea cultivars and in application techniques, neither the manufacturers nor the sellers have determined whether or not the tank mix of BASAGRAN + Thistrol can be safely used on all pea crops under all conditions. It is therefore recommended that the user determine if the tank mix of BASAGRAN + Thistrol can be used safely prior to broad use.

Spray Additives

Do not use crop oil concentrate, other oil-based additives, or any other spray additives or surfactants with this tank mix.

Water Volume and Spray Pressure

Use a spray volume of 20-40 gallons of total spray mixture per acre (broadcast basis) and a maximum of 40 psi pressure with standard high pressure hollow cone or flat fan nozzles spaced 20 inches apart. Use only ground equipment to apply this tank mix.

Mixing

Fill the spray tank half full with water and while the agitator is running, add the recommended amount of BASAGRAN and Thistrol . Then add the remaining quantity of water.

Restrictions and Limitations (Partial List)

Read and follow the restrictions and limitations on the Thistrol label. The most restrictive labeling applies in tank mixes.

Do not apply tank mix if peas show injury (leaf phytotoxicity and/or plant stunting) produced by any other prior herbicide treatment because this injury may be enhanced and/or prolonged.

Do not feed treated peas, vines or hay to livestock.

Do not apply tank mix during prolonged periods of drought or during unseasonably cold weather, as unsatisfactory weed control may result.

Do not apply tank mix to peas that have been subjected to stress conditions such as root rot, hail damage, flooding, drought, or unseasonably cold or widely fluctuating temperatures because injury may result.

Do not apply the tank mix to peas when temperatures exceed 90 F.

Do not apply the tank mix to peas after pea flower buds appear.

Avoid drift to all other crops and non-target areas. Crops other than peas may be severely injured by drift. Cotton, beans, grapes, tomatoes, and ornamentals are particularly sensitive to Thistrol.

Table 23

Application Rates for Tank Mix of BASAGRAN + THISTROL for Peas

Weeds Controlled	BASAGRAN (1 pt/A) + THISTROL (2 pts/A)		BASAGRAN (1 1/2 pts/A)+ THISTROL (3 pts/A)	
	Maximum Leaf Stage	Maximum Height	Maximum Leaf Stage	Maximum Height
Canada Thistle*	--	--	10 to bud	--
Cocklebur**	--	--	6	6"
Common Lambsquarters+	4	2"	8	3"
Common Purslane	4	1"	6	2"
Common Ragweed	--	--	6	3"
Field Pepperweed++	6	4"	10	8"
Kochia Ragweed+	--	--	4	6"
Lambsquarters+	--	--	4	2"
Jimsonweed	4	4"	6	6"
Ladysthumb	6	6"	10	10"
Marshelder	--	--	4	2"
Pashenik	--	5"	--	5"
Pennsylvania Smartweed	6	4"	8	6"
Pigweed	5	2"	8	6"
Prickly Sida or Teaweed	6	3"	8	4"
Shepherdspurse++	6	4"	10	8"
Velvetleaf+	--	--	4	2"
Wild Mustard	6	4"	10	10"
Wild Radish	6	4"	10	10"
Wild Sunflower	--	--	4	5"

*Follow treatment with a sequential application of BASAGRAN (2 pints/acre) at 7 to 10 days after tank mix treatment as needed.

**Do not treat earlier than 2 leaf stage and do not count cotyledon leaves.

+Control may be partial or inconsistent.

++Do not treat until seed stalk appears.

SPECIAL DIRECTIONS FOR THE PACIFIC NORTHWEST (PNW)
Peas (Dry or Succulent)

Addition of oil concentrate to spray tank

A nonphytotoxic oil concentrate (commonly referred to as oil concentrate) may be added to the spray tank. The oil concentrate must contain either a petroleum or vegetable oil base and must meet the following criteria: 1) be nonphytotoxic, 2) contain only EPA-emempt ingredients, 3) provide good mixing quality, and 4) be successful in local experience. Additional information may be found in the section entitled; Addition of Oil Concentrate.

Temperature Considerations

Crop and weeds must be actively growing. BASAGRAN may be applied during periods of cold weather (day temperatures below 75°F and night temperatures below 55°) provided crop and weeds are actively growing. Do not apply BASAGRAN with oil concentrate when temperature exceeds 80°F, as excessive leaf burn may occur.

Table 24
Application Rates for Pacific Northwest Peas (Dry or Succulent)

Weeds Controlled	Application Rates For Weed Growth Stages					
	1 Pt/A		1 1/2 Pts/A		2 Pts/A	
	Leaf Stage	Maximum Height	Leaf Stage	Maximum Height	Leaf Stage	Maximum Height
Cocklebur	---	---	---	---	2-10	10"
Common Lambsquarters*	2-4	1"	4-6	1 1/2"	4-8	2"
Common Purslane	---	---	2-4	1"	4-6	2"
Giant Ragweed++	---	---	---	---	2-4	6"
Hairy Nightshade+*	---	---	---	---	2-6	4"
Jimsonweed	---	---	2-6	6"	6-10	10"
Ladysthumb	---	---	2-6	6"	6-10	10"
Marshelder	---	---	2-4	2"	4-8	4"
Mayweed/Dog Fennel	---	2"	---	3"	---	4"
Pashenik*	---	---	---	5"	---	5"
Pennsylvania Smartweed	---	---	2-6	4"	6-10	10"
Prickly Sida or Teaweed	---	---	2-6	3"	6-8	4"
Shepherdspurse*	---	---	2-6	4"	6-10	8"
Venice Mallow	---	---	2-6	2"	6-10	4"
Volunteer Radish	---	---	2-6	4"	6-10	10"
Volunteer Sugar Beets	---	---	2-4	---	4-8	---
Wild Mustard	2-4	2"	4-6	4"	6-10	10"
Wild Sunflower*	1-2	3"	2-4	5"	4-6	8"

* Control requires the addition of 1-2 pints per acre of oil concentrate (2 pints maximum per acre).
+ BASAGRAN does not adequately control black nightshade.
++If second weed flush occurs, retreat according to this table.

Table 25

Application Rates for PNW Peas (Succulent only)
BASAGRAN Tank Mix with MCPA (0.125 to 0.25 lbs ae/A)

	Rate of BASAGRAN*			
	1 1/2 Pts/A		2 Pts/A	
Weeds Controlled	Leaf Stage	Maximum Height	Leaf Stage	Maximum Height
Pigweeds	2-4	1"	4-8	2"
Common Lambsquarters	2-4	1"	4-8	2"

*Do not apply oil concentrate with BASAGRAN plus MCPA Tank Mix.

Restrictions and Limitations (Partial List)

Do not apply BASAGRAN to dry or succulent peas within 30 days of harvest.

Do not apply BASAGRAN to pea fields until peas have at least 3 pairs of leaves (or 4 nodes) because severe crop damage may occur.

not apply BASAGRAN to peas under stress from root rot.

Do not apply BASAGRAN to blackeyes grown in California, garbanzo beans or chick peas, or to lupines at any stage of growth, as severe crop damage may occur.

Do not apply more than a total of 4 pints of BASAGRAN per acre in one season.

Do not add oil to BASAGRAN for use on peas except as directed for use in the Pacific Northwest (PNW).

Do not apply BASAGRAN with oil concentrate when temperatures exceed 80°F.

Do not apply oil concentrate with BASAGRAN plus MCPA tank mix.

ESTABLISHED PEPPERMINT AND SPEARMINT - Directions For Use

Apply BASAGRAN early postemergence when weeds are small and actively growing and before weeds reach maximum size listed in Table 26 Application Rates for Peppermint and Spearmint.

Peppermint and spearmint are tolerant to BASAGRAN; however, some leaf-burning may occur under certain conditions, such as when plants are growing very actively and have extensive new, succulent tissue. Mint plants generally outgrow this condition within 10 days.

Irrigated Areas

In irrigated areas it may be necessary to irrigate prior to treatment with BASAGRAN to ensure that weeds are growing actively. Weeds growing under drought conditions or unseasonably cold weather usually are not satisfactorily controlled.

Restrictions and Limitations

Do not apply more than a total of 8 pints of BASAGRAN per acre in one season.

Table 26

Application Rates for Peppermint and Spearmint

Weeds Controlled	2 Pts. Per Acre		4 Pts. Per Acre	
	Leaf Stage	Maximum Height	Leaf Stage	Maximum Height
Common Lambsquarters*	4-8**	2"	-	-
Common Ragweed	4-6**	3"	-	-
Hairy Nightshade***	2-6	4"	6-10	6"
Kochia	NA	2***	NA	4***
Ladysthumb	6-10	10"	-	-
Pennsylvania Smartweed	6-10	10"	-	-
Wild Mustard	6-10	8"	-	-

For additional weeds see Special Directions section following.

* Control may be partial or inconsistent.

** Add oil concentrate according to the DIRECTIONS FOR USE - All Crops.

*** BASAGRAN does not adequately control black nightshade.

NA = not applicable.

Special Directions for Other Weed Problems in Peppermint and Spearmint

Yellow Nutsedge

Apply 2 pints of BASAGRAN per acre when plants are 6 to 8 inches tall. Make a second application at the same rate 7 to 10 days later. Add oil concentrate to the spray solution of BASAGRAN/water for each application according to the DIRECTIONS FOR USE - All CROPS.

Canada Thistle

Apply 4 pints of BASAGRAN per acre when plants are from 8 inches tall to the bud stage. Make a second application at the same rate 7 to 10 days later.

Common Groundsel

Apply 2 to 3 pints of BASAGRAN per acre when plants are less than 3 inches tall. Add oil concentrate to the spray solution of BASAGRAN/water, according to the DIRECTIONS FOR USE - All Crops.

CONDITIONS OF SALE AND WARRANTY

The Directions for Use of this product reflect the opinion of experts based on field use and tests. 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 use of the product in a manner inconsistent with its labeling, all of which are beyond the control of BASF CORPORATION ("BASF") or the Seller. All such risks shall be assumed by the Buyer.

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The purchase price of BASAGRAN® herbicide includes a royalty for the license to practice the method of U. S. Patent 3,708,277.

BROADLEAF WEEDS

COMMON NAME	SCIENTIFIC NAME
Arrowhead	Sagittaria spp.
Balloonvine	Cardiospermum halicacabum
Beggarticks	Bidens frondosa
Bindweed, Field	Convolvulus arvensis
, Hedge	Convolvulus sepium
Bristly Starbur	Acanthospermum hispidum
Butterprint (see Velvetleaf)	
Buttonweed (see Velvetleaf)	
Canada Thistle	Cirsium arvense
Citron (Wild Watermelon)	Citrullus vulgaris
Cocklebur	Xanthium strumarium
Coffee Senna	Cassia occidentalis
Common Chickweed	Stellaria media
Common Lambsquarters	Chenopodium album
Common Purslane	Portulaca oleracea
Crotalaria	Crotalaria spectabilis
Dandelion	Taraxacum officinale
Dayflower	Commelina spp.
Devilsclaw	Probiscidea louisianica
ucksalad	Heteranthera limosa
.lorida Beggarweed	Desmodium tortuosum
Florida Pusley	Richardia scabra
Galinsoga	Galinsoga spp.
Goldenrod, Western	Solidago occidentalis
Gooseweed	Sphenoclea zeylanica
Groundsel, Common	Senecio vulgaris
Jimsonweed	Datura stramonium
Kochia	Kochia scoparia
Ladysthumb	Polygonum persicaria
Marshelder	Iva xanthiofolia
Mayweed/dogfennel	Anthemis cotula
Musk Thistle	Carduus nutans
Morningglory, Tall (Common)	Ipomoea purpurea
, Cypressvine	Ipomoea quamoclit
, Entireleaf	Ipomoea hederacea var. integruscula
, Ivyleaf	Ipomoea hederacea
, Palmleaf	Ipomoea wrightii
, Pitted	Ipomoea lacunosa
, Purple Moonflower	Ipomoea muricata
, Smallflower	Jacquemontia tamnifolia
Mouse-ear Chickweed	Cerastium vulgatum
Nightshade, Black	Solanum nigrum
, Hairy	Solanum sarachoides
Pennsylvania Smartweed	Polygonum pensylvanicum

BROADLEAF WEEDS (continued)

COMMON NAME	SCIENTIFIC NAME
Pigweed, Redroot	Amaranthus retroflexus
, Smooth	Amaranthus hybridis
Plantain	Plantago spp.
Prickly Sida or Teaweed	Sida spinosa
Ragweed, Common	Ambrosia artemisiifolia
, Giant	Ambrosia trifida
Redstem	Ammannia spp.
Redweed	Melochia corchorifolia
Sesbania	Sesbania exaltata
Shepherdspurse	Capsella bursa-pastoris
Sicklepod	Cassia obtusifolia
Spurge	Euphorbia maculata
Spurred Anoda	Anoda caristata
Tropic Croton	Croton glandulosus
Velvetleaf	Abutilon theophrasti
Venice Mallow	Hibiscus trionum
Waterhemp, Tall	Amaranthus tuberculatus
Waterplantain, Common	Alisma triviale
Wild Buckwheat	Polygonum convolvulus
Wild Mustard	Sinapsis arvensis
ild Poinsettia	Euphorbia heterophylla
Wild Sunflower	Helianthus annuus
SEDGES	
Annual sedges	Cyperus spp.
Bulrush, River	Scirpus fluviatilis
, Roughseed	Scirpus mucronatus
Spikerush	Eleocharis macrostachya
Umbrellaplant, Smallflower	Cyperus difformis
Yellow Nutsedge	Cyperus esculentus

MOS 7969-45 81-1 84

Supplemental Labeling

Basagran® herbicide

Tank mix with Pursuit® herbicide for postemergence use in soybeans

Basagran (EPA Registration No. 7969-45)
Pursuit (EPA Registration No. 241-310)

ACCEPTED
FEB 18 1994
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 7969-45

All applicable directions, restrictions, precautions and Conditions of sale and warranty on both EPA-registered labels are to be followed. This labeling must be in the possession of the user at the time of herbicide application.

Directions for use
It is a violation of Federal law to use these products in a manner inconsistent with approved labeling.

General information
The tank mix of **Basagran® herbicide** plus Pursuit® herbicide will control certain weeds not controlled by **Basagran** or Pursuit alone (see **Table 1**).

The tank mix is effective mainly through contact action. Therefore, weeds must be thoroughly covered with spray. Large crop-and-weed leaf canopies shelter smaller weeds and prevent adequate spray coverage.

Time and rate of application
Rates of application and weed sizes for this tank mix are given in **Table 1**. Apply when weeds are small and actively growing and before weeds reach the maximum size listed. Apply within 14 to 28 days after planting. Soybeans are tolerant to the tank mix of **Basagran** plus Pursuit after the first trifoliate soybean leaf has fully expanded; however, under conditions of high temperature or humidity, some leaf-bronzing or leaf-speckling may occur. Soybeans will generally outgrow this condition within 10-14 days.

Water volume and spray pressure
Apply recommended rates of this tank mix as follows:

Ground equipment only: Use a minimum 20 gallons of water per acre on a broadcast basis. Use a minimum of 40 psi pressure (measured at the boom, not at the pump or in the line) when using flat fan nozzles and 40-60 psi pressure when using hollow cone

nozzles. Do not use flood, whirl chamber, or controlled droplet application (CDA) nozzles.

Restrictions and limitations
(partial list)
Always read and follow all label directions when using any pesticide alone or in tank mix combinations. The most restrictive labeling applies when using a tank mix.

Do not apply the tank mix of **Basagran** plus Pursuit within 85 days of soybean harvest.

Do not apply this tank mix through any type of irrigation system.

Do not allow spray to drift onto adjacent crops or land, as injury to other plants may occur. Consult the respective labels for details.

Do not apply this tank mix by aerial application.

Do not apply with ground equipment when wind velocity is greater than 10 mph, or when spray may be carried to sensitive crops. Sensitive crops include leafy vegetables, sugar beets and cotton.

CONDITIONS OF SALE AND WARRANTY

The Directions for Use of this product reflect the opinion of experts based on field use and tests. 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 use of the production a manner inconsistent with its labeling, all of which are beyond the control of BASF CORPORATION ("BASF") or the Seller. All such risks shall be assumed by the Buyer.

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Pursuit is a registered trademark of American Cyanamid Company.

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Table 1

Basagran + Pursuit Tankmix - Soybeans

Weeds Controlled[a]	Basagran 1.0 pt/A + Pursuit ? oz/A	Basagran 1.5 pt/A + Pursuit 2 oz/A	Basagran 1.5 pt/A + Pursuit 4 oz/A	Additive Rate
Broadleaf Weeds	**Maximum Weed Size**			
Cocklebur	4"	6"	8"	
Common Lambsquarters	1"	1.5"	2"	
Jerusalem Artichoke	–	–	10"	
Jimsonweed	4"	6"	6"	
Kochia	<1"	<2"	4"	
Marshelder	–	2"	3"	Nonionic surfactant[b] (1 qt/100 gals) plus nitrogen solution UAN (2 qt/A) or AMS[c]
Morningglory, entireleaf	–	–	2"	
, ivyleaf	–	–	2"	
, pitted	–	–	2"	
, smallflower	–	–	3"	
, tall	–	–	2"	
Nightshade, black	<2"	<2"	3"	
, Eastern black	<2"	<2"	3"	
, hairy	<2"	<2"	3"	
Pigweed, Palmer	4"	4"	8"	
, Redroot	4"	4"	8"	
, Smooth	4"	4"	8"	
Prickly sida/Teaweed	–	3"	3"	
Ragweed, Common	–	<2"	3"	
, giant	<2"	<2"	3"	
Smartweed, Ladysthumb	4"	6"	6"	
, Pennsylvania	4"	6"	6"	
Tall Waterhemp	2"	2"	4"	
Velvetleaf	2"	5"	5"	
Venice Mallow	2"	2"	2"	
Wild Buckwheat	–	3"	3"	
Wild Mustard	2"	4"	4"	
Wild Sunflower	3"	5"	5"	
Grasses				
Barnyard grass	–	–	3"	
Crabgrass, Large	–	–	3"	
, Smooth	–	–	3"	
Foxtail, Giant	–	–	3"	
, Green	–	–	3"	
, Giant Green	–	–	3"	
, Robust Purple	–		3"	
, Robust White	–	–	3"	
, Yellow	–	–	3"	
Johnsongrass, Seedling	–	–	8"	
Red rice	–	–	3"	
Shattercane	4"	4"	8"	

[a] Refer to respective labels for complete list of weeds controlled.
[b] Use a nonionic surfactant containing at least 80% active ingredient. Dash® spray adjuvant may be substituted at 1 qt/A for the nonionic surfactant. Dash is recommended when weeds have been subjected to heat or moisture stress.
[c] UAN (Urea Ammonium Nitrate) is generally referred to as 28 to 32% nitrogen solution. AMS (Ammonium Sulfate) may be used at the rate of 17 lbs. per 100 gallons of spray solution.

A:FORM131