Not registered for use in California

BASF

Rezult® A

herbicide

RT date 10-21-93

Postemergence Herbicide For Soybeans

Active Ingredient:

Sodium [3-(1-methylethyl)-1H,2,1,3-benzothiadiazin-4(3H)-one-2,2-dioxide]*	42%
Inert Ingredients:	58%
Total	100.0%

*Equivalent to 4.0 pounds per gallon [3-(1-methylethyl)-1H,2,1,3-benzothiadiazin-4(3H)-one-2,2-dioxide]

EPA Reg. No. 7969-45

EPA Est. No. is indicated by the first letter of the code printed on this container:
A = EPA Est. No. 707-TX-1
B = EPA Est. No. 34313-TX-1
V = EPA Est. No. 11773-IA-1

ACCEPTED
DEC - 9 1993
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under 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.

Precautionary Statements

Hazards to Humans (and Domestic Animals)

Personal Protective Equipment (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks

Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

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

User Safety Recommendations

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

Environmental Hazards

For terrestrial uses, do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment wash waters.

Notice: It is a violation of federal law to use any pesticide in a manner that results in the death of an endangered species or an 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.**

In Case of Emergency

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

See inside booklet for complete **Directions For Use** and **Conditions of Sale and Warranty**.

Net contents 56.25 gallons

Agricultural Use Requirements

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. Refer to supplemental labeling under "Agricultural Use Requirements" in the **Directions For Use** section for information about this standard.

BASF Corporation
P.O. Box 13528, Research Triangle Park, NC, 27709

Specimen Label

Directions For Use — Rezult A And B

(Hereafter referred to as **Rezult**)

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

Rezult A must be used in combination with Rezult B.

General Information

Rezult is intended for the postemergence control of a wide spectrum of broadleaf weeds and grasses in soybeans.

Think-Tank Delivery System:
Do not refill Think-Tank. Return Think-Tank to BASF for cleaning and refilling.
Rezult in a dedicated, returnable Think-Tank can only be used with the closed Think-Tank delivery system in which it comes packaged. This unique closed delivery system consists of a self-discharging tank that does not require any pumping mechanism and a dry lock connector which protects against user exposure to tank contents. The **Rezult** Think-Tank delivery system, when operated according to directions, will discharge **Rezult A** and **B** in a 1:1 ratio. See **Rezult Think-Tank Delivery System Operating Procedure.**

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

Do not enter or allow worker entry to treated areas during the restricted-entry interval (REI) of 48 hours.

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

- Coveralls
- Chemical-resistant gloves such as barrier laminate, nitrile rubber ≥ 14 mils, neoprene rubber≥ 14 mils, or viton ≥ 14 mils
- Shoes plus socks

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.

Mode of Action:
Rezult is effective through postemergence contact and systemic activity. Weeds must be thoroughly covered with spray. Large crop-and-weed-leaf canopies shelter smaller weeds and prevent adequate spray coverage.

Crop Tolerance:
All soybean varieties are tolerant to **Rezult** at all stages of growth. Leaf speckling may occur, but plants generally outgrow this condition within 10 days.

Rotational Crops:
Rezult has no crop rotation restrictions. If treated crop is destroyed due to weather conditions such as hail, flooding, freezing, etc., allow 14 days before replanting with corn, sorghum, or small grain crops. If tank mixing with **Blazer, Classic, Concert,** or **Reflex**, refer to respective label for crop rotation restrictions.

Cultivation:
Do not cultivate before application or within five days after application of **Rezult**. Cultivation may put weeds

Table 1: Maximum Weed Heights Controlled by Rezult at 3.25 pints per acre + UAN Solution at 2.5 gallons per 100 gallons of water or Ammonium Sulfate at 10 pounds per 100 gallons of water

Broadleaves:	Maximum Weed Height	Grasses:	Maximum Weed Height	Perennials: (top growth suppression)	Maximum Weed Height
Balloonvine	2"	Barnyardgrass	4"	Canada Thistle*	6"
Beggarticks	5"	Broadleaf Signal Grass	4"	Johnsongrass** (Rhizome)	4"
Bristly Starbur	2"	Crabgrass, Large	2"		
Cocklebur	5"	Crabgrass, Smooth	2"	Quackgrass**	4"
Common Lambsquarters	1"	Foxtail, Giant	6"	Wirestem Muhly**	4"
Common Purslane	1"	Foxtail, Green	6"	Yellow Nutsedge*	6"
Common Ragweed	1"	Foxtail, Yellow	6"		
Dayflower	4"	Goosegrass	4"		
Giant Ragweed	2"	Johnsongrass (seedling)	4"		
Jimsonweed	5"				
Ladysthumb	5"	Junglegrass	4"		
Marshelder	2"	Panicum, Browntop	4"		
Prickly Sida/Tea Weed	3"	Panicum, Fall	4"		
Redweed	5"	Panicum, Texas	4"		
Sheperdspurse	4"	Red Spangletop	4"		
Smartweed, Pennsylvania	5"	Ryegrass, Annual	4"		
Spurred Anoda	3"	Shattercane	4"		
Tropic Croton	2"	Volunteer Corn	12"		
Velvetleaf	5"	Wild Oats	2"		
Venice Mallow	2"	Wild Proso Millet	8"		
Wild Buckwheat	3"	Witchgrass	4"		
Wild Mustard	4"	Woolly Cupgrass	4"		
Wild Sunflower	4"				
Wild Poinsetta	4"				

* For regrowth or new germination follow up 10-14 days later with **Basagran**. Refer to **Basagran** label.
For regrowth or new germination follow up 10-14 days later with **Poast Plus. Refer to **Poast Plus** label.

Table 2: Tank mixtures with Rezult:
Rezult at 3.25 pints per acre can be tank mixed with the following products for improved control of the weed species listed:

Tank Mix Partner Rate per acre Adjuvant Adjuvant/100 gals of water	Concert 1/5 oz. UAN/AMS 2 qts/2 lbs	Classic 1/4 oz. UAN/AMS 2 qts/2 lbs	Blazer 10 fl. oz. Silicone 5 fl. oz.	Blazer 5 fl. oz. UAN/AMS 2 qts/2 lbs	Reflex 10 fl. oz. Silicone 5 fl. oz.	Reflex 5 fl. oz. UAN/AMS 2 qts/2 lbs	2,4-DB 1 fl. oz. UAN/AMS 2 qts/2 lbs
Common Ragweed	—	—	3"	2"	3"	2"	—
Giant Ragweed	—	—	6"	4"	6"	4"	—
Lambsquarters	2"	—	2"	—	2"	—	—
Morningglory	—	—	1"	—	1"	—	1"
Nightshade	—	—	<2"	—	<2"	—	—
Redroot Pigweed	2"	1"	2"	1"	2"	1"	—
Smooth Pigweed	2"	1"	2"	1"	2"	1"	—
Wild Sunflower	5"	5"	—	—	—	—	—
Tall Waterhemp	2"	1"	2"	1"	2"	1"	—

* Silicone Adjuvants: Should not contain crop oil or nitrogen additive. Do not add any other additive when a silicone adjuvant is recommended since excessive crop injury may result.

Tank mixture information:

1) Potential crop symptoms such as leafburn (**Blazer, Reflex**) or stunting (**Classic, Concert**) are most likely to occur under hot/humid or stress conditions. Any injury which may occur is generally outgrown in 10-14 days with no significant crop effects.
2) Refer to each respective label for restrictions and limitations. The most restrictive labeling applies to all **Rezult** tank mixes.
3) Under excessively dry, wet, or cold conditions and bigger weed sizes as indicated in **Table 1, Rezult** should be applied at 4.0 pints per acre.

under stress and reduce control obtained.

A timely cultivation after applying **Rezult** may assist weed control in soybeans grown in rows greater than 10 inches apart.

Application Rate and Timing

Apply **Rezult** at 3.25 pints per acre early postemergence when weeds are small and actively growing (generally when soybeans are in the 1st to 3rd trifoliate leaf stage of growth). Under excessively dry, wet, or cold conditions, and bigger weed sizes as indicated in **Table 1, Rezult** should be applied at 4.0 pints per acre.

Always add UAN or ammonium sulfate solution (according to the section titled **Adjuvant Information**) except when a silicone adjuvant is recommended for use with **Blazer** and **Reflex** tank mixtures (see **Table 2**).

Adjuvants

UAN solution or ammonium sulfate (AMS) should be added. UAN solution is commonly referred to as 28%, 30%, or 32% nitrogen, and is a water solution of urea and ammonium nitrate. Because most nitrogen solutions are corrosive to galvanized, steel and brass spray equipment, rinse the entire spray system with water after use.

Rate per acre of:	Ground application	Air application
UAN solution	2 quarts	1 quart
Ammonium Sulfate	2 pounds	1 pound

Note about ammonium sulfate (AMS): Use high-quality ammonium sulfate to avoid plugging of spray nozzles. The ammonium sulfate must be readily soluble in water and contain no insoluble materials. Local sources of high quality feed grade or spray grade ammonium sulfate may be better than fertilizer grade. Low-quality ammonium sulfate may contain material that will not readily dissolve which could result in nozzle tip plugging. To determine quality, perform a jar test adding 1/3 cup ammonium sulfate to 1 gallon of water and agitate for 1 minute. If undissolved sediment is observed, predissolve the ammonium sulfate in water and filter prior to addition to the spray tank. If ammonium sulfate can be added directly to the spray tank, add slowly with agitation. Adding too quickly may clog outlet lines. Ensure that ammonium sulfate is completely dissolved in the spray tank before adding other products.

Rezult Think-Tank Delivery System Operating Procedure

1) Install a male dry lock connector to the spray tank.
2) Connect the female dry lock connector (at the end of the hose attached to the tank) with the male dry lock connector installed on the spray tank.
3) Turn on the nitrogen gas supply.
4) Set measuring meter to zero.
5) Turn on the tank manifold until the desired amount of product, as indicated on the measuring meter, has been discharged into the spray tank.
6) Turn off the tank manifold to stop the discharge of product into the sprayer tank.
7) Disconnect the female dry lock connector on the tank hose from the male dry lock connector on the spray tank.
8) Turn off the nitrogen gas supply when the Think-Tank is empty, operation is completed or tank is ready to be returned to the point of purchase.

Mixing

1) Fill tank of a thoroughly clean sprayer half to two-thirds full with clean water. Start agitation.
2) Add nitrogen solution or silicone adjuvant.
3) Add tank mix partner (if applicable).
4) Add **Rezult** and remaining volume of water.
5) Allow to mix thoroughly.
6) Maintain constant agitation during application.
7) After dispensing **Rezult** from the Think-Tank, spray within 48 hours.

Ground Application
Use a minimum of 10 gallons of water per broadcast acre at a minimum of 60 psi pressure (measured at the boom, not at the pump or in the line) to ensure adequate spray coverage. When crop and weed foliage is dense, use up to 20 gallons of water at a minimum of 40 psi pressure. Use standard high pressure pesticide hollow cone or flat fan nozzles spaced 20 inches apart. Do not use flood or whirl chamber nozzles. Brass nozzles are not recommended due to the corrosive effects of nitrogen additives

Aerial Application
Use a minimum of 5 gallons of water per acre and a maximum of 40 psi pressure. To obtain uniform coverage and to avoid drift hazards, the following application equipment and practices should be used:

Nozzle Type: Use only diaphragm-type nozzles producing cone or fan spray patterns.

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.

Nozzles must be located no farther out than 3/4 the distance from the center of the aircraft to the end of the wing or rotor.

Do not apply **Rezult** by aircraft within 200 feet upwind of ornamental or sensitive nontarget crops such as corn, cotton, small grains, sugar beets, or sunflowers.

Applicator must follow the most restrictive use cautions to avoid drift hazard and must follow labeling as well as applicable state and local regulations and ordinances.

Procedure For Cleaning Spray Equipment
Clean sprayer thoroughly before and after application of **Rezult**, particularly if a herbicide with the potential to injure crops was used. Consult the label of the previously used herbicide for cleaning instructions. If no instructions are available, the steps listed below are suggested for thorough cleaning of spray equipment prior to or following application of **Rezult**.

Step 1: Hose down thoroughly the inside as well as the outside of equipment while filling the spray tank half full of water.
Flush by operating sprayer until the system is purged of this rinse water.

Step 2: Refill tank with water while adding 1 gallon household ammonia or 1 pint household dishwashing detergent or 1 pound of dishwasher detergent per 100 gallons of water. Or add a commercial sprayer cleaner according to the manufacturer's directions. Operate the pump to circulate the detergent solution through the sprayer system for 5-10 minutes and discharge a small amount of solution through the boom and nozzles. Let the solution stand for 24 hours.

Step 3: Flush the detergent solution out of the spray tank through the boom.

Step 4: Remove the nozzles and screens and flush the system with a minimum of 50 gallons of water twice.

Storage and Disposal
Do not allow this product to freeze.

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

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

Do not re-use empty container. Think-tanks must be returned to the point of purchase for cleaning and refilling.

Think-tanks must be thoroughly cleaned before refilling.

Restrictions and Limitations
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 to weeds under stress, such as stress due to lack of moisture, previous herbicide injury, mechanical injury or cold temperatures, as unsatisfactory control could result.

Do not apply if rainfall or irrigation is expected within one hour following application.

Physical incompatibility, reduced weed control, or crop injury may result from mixing **Rezult** with other pesticides (fungicides, herbicides, insecticides or miticides), additives or fertilizers not recommended on the label. BASF does not recommend the use of **Rezult** in tank mixes other than those listed on BASF labels, supplemental labels, or technical bulletins. Local agricultural authorities may be a source of information when using other than BASF recommended combinations.

Do not apply **Rezult** as a preplant or preemergent treament prior to corn, millet, sorghum, or small grain crops.

Do not apply **Rezult** through any type of irrigation system.

Do not apply to soybeans within 75 days of harvest.

Do not graze treated soybean fields and do not feed treated soybean forage (green succulent) or ensilage to livestock.

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

Do not apply **Rezult** to soybeans under stress due to lack of moisture, previous, herbicide injury, mechanical injury, or cold temperatures, as crop injury may result.

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

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.

BASF warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the **Directions For Use**, subject to the inherent risks, referred to above. BASF MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY. IN NO CASE SHALL BASF OR THE SELLER BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. BASF and the Seller offer this product, and the Buyer and User accept it, subject to the foregoing **Conditions of Sale and Warranty** which may be varied only by agreement in writing signed by a duly authorized representative of BASF.

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BASF Corporation
P.O. Box 13528
Research Triangle Park, NC 27709

BASF

Agricultural Products

Supplemental Label

September 14, 1993

Basagran®

herbicide

Tank mix with Classic® herbicide for postemergence use in soybeans.

Basagran EPA Reg. No. 7969-45
Classic EPA Reg. No. 352-436

All applicable directions, restrictions, precautions and Conditions of Sale and Warranty on the EPA-registered label 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 **Classic herbicide®** will improve control of certain weeds listed on the **Basagran** or **Classic** labels (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

The rates of application and weed sizes for the use of this tank mix are given in Table 1. Applications of this tank mix made to weeds that are in the cotyledon stage, larger than the sizes in Table 1, or to weeds under stress, may result in unsatisfactory control. Soybeans are tolerant to the tank mix of **Basagran** + **Classic**; however, under conditions of high temperature or humidity, some leaf-bronzing or leaf-speckling of soybean foliage may occur. Soybean plants will generally outgrow this condition within 10 to 14 days.

Water Volume and Spray Pressure

Apply recommended rates of this tank mix as follows:

Ground Equipment:

Broadcast Application - Use a minimum of 20 gallons of water per acre on a broadcast basis. Use flat fan nozzles with a minimum of 40 psi pressure, measured at the boom, not at the pump or in the line. Do not use flood, hollow cone, whirl chamber, Raindrop® or controlled droplet application (CDA) nozzles.

Air Equipment:
Use a minimum of 5 gallons of water per acre. Consult the respective labels for special directions for aerial applications.

Addition of Additives

Applications of **Basagran** plus **Classic** tank mix must include a nonionic surfactant at the rate (concentration) of 0.125% - 0.25% v/v (1 - 2 pints per 100 gallons of spray solution). USE OF THE HIGHER RATE OF NONIONIC SURFACTANT, PARTICULARLY UNDER HOT, HUMID CONDITIONS, MAY INCREASE TEMPORARY CROP INJURY. Use only EPA-approved surfactants authorized for use on food crops. Use a nonionic surfactant of at least 80% active ingredient. DO NOT USE Dash® spray adjuvant.

Under hot, dry conditions or during cool weather, a crop oil concentrate at 0.5% v/v (4 pints/100 gallons of spray solution) may be used to enhance weed control. Use a petroleum-based crop oil concentrate with at least 15% emulsifiers/surfactant. THE USE OF CROP OIL CONCENTRATE MAY INCREASE TEMPORARY INJURY TO SOYBEANS.

The addition of ammonium nitrogen fertilizer is required for control of velvetleaf. Use a high quality liquid nitrogen fertilizer such as 28-0-0 at a rate of 2 to 4 pounds per acre or 10-34-0 at a rate of 1 to 2 quarts per acre. Alternatively, a high quality, sprayable grade of ammonium sulfate (21-0-0) may be used at a rate of 2½ pounds per acre. The addition of ammonium nitrogen fertilizer does not replace the need for a surfactant. Use lower a rate of nitrogen fertilizer for aerial applications.

Table 1: Basagran + Classic Tank Mix for Soybeans

WEEDS CONTROLLED*	BASAGRAN 1½ PT/A + CLASSIC ¼ OZ/A	
	HEIGHT (INCHES)	ADDITIVE RATE**
Cocklebur	2-8	Nonionic surfactant at 0.125 -0.25% v/v (1-2 pts/100 gal spray solution) + nitrogen solution***
Jimsonweed	2-6	
Ladysthumb	2-8	
Pennsylvania Smartweed	2-8	
Velvetleaf	2-6	
Venice Mallow	2	
Wild Sunflower	2-5	

* For control of weeds listed on the Basagran label and improved control of the above-mentioned weeds.
** Refer to the section entitled Addition of Additives for specific rates and environmental conditions.
*** Nitrogen solution is referred to as 28-32% UAN (urea ammonium nitrate) or AMS (ammonium sulfate). Refer to section entitled Addition of Additives.

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 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 this tank mix through any type of irrigation system.

Do not cultivate within seven days before or after application of this tank mix.

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.

Do not tank mix with organophosphate insecticides.

Do not apply within 14 days before or after an organophosphate insecticide as severe crop injury may occur.

Thoroughly clean sprayer immediately after spraying. See **Classic** label for "Sprayer Cleanup."

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.

BASF warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the Directions for Use, subject to the inherent risks referred to above.

BASF MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY. IN NO CASE SHALL BASF OR THE SELLER BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. BASF and the Seller offer this product, and the Buyer and User accept it, subject to the foregoing Conditions of Sale and Warranty which may be varied only by agreement in writing signed by a duly authorized representative of BASF.

BASF Corporation
PO Box 13528
Research Triangle Park, NC 27709

BASF

Basagran®
herbicide

Directions For Use with Poast Plus® herbicide as a tank mixture and as a three-way tank mixture with Poast Plus plus one of the following herbicides: Blazer®, Classic®, Concert®, Reflex®, or 2,4-DB

Basagran - EPA Reg. No 7969-45
Poast Plus - EPA Reg. No 7969-88
Blazer - EPA Reg. No 7969-79
Classic - EPA Reg. No 352-436
Concert - EPA Reg. No 352-561
Reflex - EPA Reg. No 10182-83
2,4-DB - EPA Reg. No 264-105

All applicable directions, restrictions, precautions and Conditions of Sale and Warranty on the EPA-registered label 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 this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

General Information

Basagran + Poast Plus are intended for the postemergence control of a wide spectrum of broadleaf weeds and grasses in soybeans.

Think-Tank Delivery System:
Do not refill Think-Tank. Return Think-Tank to BASF for cleaning and refilling.
Basagran + Poast Plus in a dedicated, returnable Think-Tank can only be used with the closed Think-Tank delivery system in which it comes packaged. This unique closed delivery system consists of a self-discharging tank that does not require any pumping mechanism and a dry lock connector which protects against user exposure to tank contents. The **Basagran + Poast Plus** Think-Tank delivery system, when operated according to directions, will discharge **Basagran + Poast Plus** in a 1:1 ratio. See **Basagran + Poast Plus Think-Tank Delivery System Operating Procedure**.

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.

Mode of Action:
Basagran + Poast Plus are effective through postemergence contact and systemic activity. Weeds must be thoroughly covered with spray. Large crop-and-weed-leaf canopies shelter smaller weeds and prevent adequate spray coverage.

Crop Tolerance:
All soybean varieties are tolerant to **Basagran + Poast Plus** at all stages of growth. Leaf speckling may occur, but plants generally outgrow this condition within 10 days.

Rotational Crops:
Basagran + Poast Plus has no crop rotation restrictions. If treated crop is destroyed due to weather conditions such as hail, flooding, freezing, etc., allow 14 days before replanting with corn, sorghum, or small grain crops. If tank mixing with **Blazer, Classic, Concert,** or **Reflex**, refer to respective label for crop rotation restrictions.

Cultivation:
Do not cultivate before application or within five days after application of **Basagran + Poast Plus.** Cultivation may put weeds under stress and reduce control obtained. A timely cultivation after applying **Basagran + Poast Plus** may assist weed control in soybeans grown in rows greater than 10 inches apart.

Application Rate and Timing

Apply **Basagran + Poast Plus** at 1.625 pints per acre of each early postemergence when weeds are small and actively growing (generally when soybeans are in the 1st to 3rd trifoliate leaf stage of growth). Under excessively dry, wet, or cold conditions, and bigger weed sizes as indicated in **Table 1, Basagran + Poast Plus** should be applied at 2.0 pints per acre of each.
Always add UAN or ammonium sulfate solution (according to the section titled **Adjuvant Information**) except when a silicone adjuvant is recommended for use with **Blazer** and **Reflex** tank mixtures (see **Table 2**).

Adjuvants

UAN solution or ammonium sulfate (AMS) should always be added except when a silicon additive is recommended. UAN solution is commonly referred to as 28%, 30%, or 32% nitrogen, and is a water solution of urea and ammonium nitrate. Because most nitrogen solutions are corrosive to galvanized, steel and brass spray equipment, rinse the entire spray system with water after use.

Note about ammonium sulfate (AMS): Use high-quality ammonium sulfate to avoid plugging of spray nozzles. The ammonium sulfate must be readily soluble in water and contain no insoluble materials. Local sources of high quality feed grade or spray grade ammonium sulfate may be better than fertilizer grade. Low-quality ammonium sulfate may contain material that will not readily dissolve which could result in nozzle tip clogging. To determine quality, perform a jar test adding 1/3 cup ammonium sulfate to 1 gallon of water and agitate for 1 minute. If undissolved sediment is observed, predissolve the ammonium sulfate in water and filter prior to addition to the spray tank. If ammonium sulfate can be added directly to the spray tank, add slowly with agitation. Adding too quickly may clog outlet lines. Ensure that ammonium sulfate is completely dissolved in the spray tank before adding other products.

Tank Delivery System Operating Procedure

1) Install a male dry lock connector to the spray tank.
2) Connect the female dry lock connector (at the end of the hose attached to the tank) with the male dry lock connector installed on the spray tank.
3) Turn on the nitrogen gas supply.
4) Set measuring meter to zero.
5) Turn on the tank manifold until the desired amount of product, as indicated on the measuring meter, has been discharged into the spray tank.
6) Turn off the tank manifold to stop the discharge of product into the sprayer tank.
7) Disconnect the female dry lock connector on the tank hose from the male dry lock connector on the spray tank.
8) Turn off the nitrogen gas supply when the Think-Tank is empty, operation is completed or tank is ready to be returned to the point of purchase.

Mixing

1) Fill tank of a thoroughly clean sprayer half to two-thirds full with clean water. Start agitation.
2) Add nitrogen solution or silicone adjuvant.
3) Add tank mix partner (if applicable).
4) Add **Basagran + Poast Plus** and remaining volume of water.
5) Allow to mix thoroughly.

application.

7) After dispensing **Basagran + Poast Plus** from the Think-Tank, spray within 48 hours.

Ground Application

Use a minimum of 10 gallons of water per broadcast acre at a minimum of 60 psi pressure (measured at the boom, not at the pump or in the line) to ensure adequate spray coverage. When crop and weed foliage is dense, use up to 20 gallons of water at a minimum of 40 psi pressure. Use standard high pressure pesticide hollow cone or flat fan nozzles spaced 20 inches apart. Do not use flood or whirl chamber nozzles. Brass nozzles are not recommended due to the corrosive effects of nitrogen additives

Table 1: Maximum Weed Heights Controlled by Basagran + Poast Plus at 1.625 pints per acre + UAN Solution at 2.5 gallons per 100 gallons of water or Ammonium Sulfate at 10 pounds per 100 gallons of water

Broadleaves:	Maximum Weed Height	Grasses:	Maximum Weed Height	Perennials: (top growth suppression)	Maximum Weed Height
Balloonvine	2"	Barnyardgrass	4"	Canada Thistle*	6"
Beggarticks	5"	Broadleaf Signal Grass	4"	Johnsongrass**	4"
Bristly Starbur	2"	Crabgrass, Large	2"	(Rhizome)	
Cocklebur	5"	Crabgrass, Smooth	2"	Quackgrass**	4"
Common Lambsquarters	1"	Foxtail, Giant	6"	Wirestem Muhly**	4"
Common Purslane	1"	Foxtail, Green	6"	Yellow Nutsedge*	6"
Common Ragweed	1"	Foxtail, Yellow	6"		
Dayflower	4"	Goosegrass	4"		
Giant Ragweed	2"	Johnsongrass	4"		
Jimsonweed	5"	(seedling)			
Ladythumb	5"	Junglegrass	4"		
Marshelder	2"	Panicum, Browntop	4"		
Prickly Sida/Tea Weed	3"	Panicum, Fall	4"		
Redweed	5"	Panicum, Texas	4"		
Sheperdspurse	4"	Red Spangletop	4"		
Smartweed, Pennsylvania	5"	Ryegrass, Annual	4"		
Spurred Anoda	3"	Shattercane	4"		
Tropic Croton	2"	Volunteer Corn	12"		
Velvetleaf	5"	Wild Oats	2"		
Venice Mallow	2"	Wild Proso Millet	8"		
Wild Buckwheat	3"	Witchgrass	4"		
Wild Mustard	4"	Woolly Cupgrass	4"		
Wild Sunflower	4"				
Wild Poinsetta	4"				

* For regrowth or new germination follow up 10-14 days later with **Basagran**. Refer to **Basagran** label.
For regrowth or new germination follow up 10-14 days later with **Poast Plus. Refer to **Poast Plus** label.

Table 2: Tank mixtures with Basagran + Poast Plus:
Basagran + Poast Plus at 1.625 pints per acre can be tank mixed with the following products for improved control of the weed species listed:

Tank Mix Partner Rate per acre Adjuvant Adjuvant/100 gals of water	Concert 1/5 oz. UAN/AMS 2 qts/2 lbs	Classic 1/4 oz. UAN/AMS 2 qts/2 lbs	Blazer 10 fl. oz. Silicone 5 fl. oz.	Blazer 5 fl. oz. UAN/AMS 2 qts/2 lbs	Reflex 10 fl. oz. Silicone 5 fl. oz.	Reflex 5 fl. oz. UAN/AMS 2 qts/2 lbs	2,4-DB 1 fl. oz. UAN/AMS 2 qts/2 lbs
Common Ragweed	—	—	3"	2"	3"	2"	—
Giant Ragweed	—	—	6"	4"	6"	4"	—
Lambsquarters	2"	—	2"	—	2"	—	—
Morningglory	—	—	1"	—	1"	—	1"
Nightshade	—	—	<2"	—	<2"	—	—
Redroot Pigweed	2"	1"	2"	1"	2"	1"	—
Smooth Pigweed	2"	1"	2"	1"	2"	1"	—
Wild Sunflower	5"	5"	—	—	—	—	—
Tall Waterhemp	2"	1"	2"	1"	2"	1"	—

" Silicone Adjuvants: Should not contain crop oil or nitrogen additive. Do not add any other additive when a silicone adjuvant is recommended since excessive crop injury may result.

Tank mixture Information:

1) Potential crop symptoms such as leafburn (**Blazer, Reflex**) or stunting (**Classic, Concert**) are most likely to occur under hot/humid or stress conditions. Any injury which may occur is generally outgrown in 10-14 days with no significant crop effects.
2) Refer to each respective label for restrictions and limitations. The most restrictive labeling applies to all **Basagran + Poast Plus** tank mixes.
3) Under excessively dry, wet, or cold conditions and bigger weed sizes as indicated in **Table 1, Basagran + Poast Plus** should be applied at 2.0 pints per acre of each.

Aerial Application

Use a minimum of 5 gallons of water per acre and a maximum of 40 psi pressure. To obtain uniform coverage and to avoid drift hazards, the following application equipment and practices should be used:

Nozzle Type: Use only diaphragm-type nozzles producing cone or fan spray patterns.

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.

Nozzles must be located no farther out than 3/4 the distance from the center of the aircraft to the end of the wing or rotor.

Do not apply **Basagran + Poast Plus** by aircraft within 200 feet upwind of ornamental or sensitive nontarget crops such as corn, cotton, small grains, sugar beets, or sunflowers.

Applicator must follow the most restrictive use cautions to avoid drift hazard and must follow labeling as well as applicable state and local regulations and ordinances.

Procedure For Cleaning Spray Equipment

Clean sprayer thoroughly before and after application of **Basagran + Poast Plus**, particularly if a herbicide with the potential to injure crops was used. Consult the label of the previously used herbicide for cleaning instructions. If no instructions are available, the steps listed below are suggested for thorough cleaning of spray equipment prior to or following application of **Basagran + Poast Plus**.

Step 1: Hose down thoroughly the inside as well as the outside of equipment while filling the spray tank half full of water. Flush by operating sprayer until the system is purged of this rinse water.

Step 2: Refill tank with water while adding 1 gallon household ammonia or 1 pint household dishwashing detergent or 1 pound of dishwasher detergent per 100 gallons of water. Or add a commercial sprayer cleaner according to the manufacturer's directions. Operate the pump to circulate the detergent solution through the sprayer system for 5-10 minutes and discharge a small amount of solution through the boom and nozzles. Let the solution stand for 24 hours.

Step 3: Flush the detergent solution out of the spray tank through the boom.

Step 4: Remove the nozzles and screens and flush the system with a minimum of 50 gallons of water twice.

Storage and Disposal

Do not allow this product to freeze.

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

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

Do not re-use empty container. Mini bulk tanks must be returned to the point of purchase for cleaning and refilling.

Mini bulk tanks must be thoroughly cleaned before refilling.

Restrictions and Limitations

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 to weeds under stress, such as stress due to lack of moisture, previous herbicide injury, mechanical injury or cold temperatures, as unsatisfactory control could result.

Do not apply if rainfall or irrigation is expected within one hour following application.

Physical incompatibility, reduced weed control, or crop injury may result from mixing **Basagran + Poast Plus** with other pesticides (fungicides, herbicides, insecticides or miticides), additives or fertilizers not recommended on the label.

BASF does not recommend the use of **Basagran + Poast Plus** in tank mixes other than those listed on BASF labels, supplemental labels, or technical bulletins. Local agricultural authorities may be a source of information when using other than BASF recommended combinations.

Do not apply **Basagran + Poast Plus** as a preplant or preemergent treament prior to corn, millet, sorghum, or small grain crops.

Do not apply **Basagran + Poast Plus** through any type of irrigation system.

Do not apply to soybeans within 75 days of harvest.

Do not graze treated soybean fields and do not feed treated soybean forage (green succulent) or ensilage to livestock.

Do not graze or cut treated soybean fields for hay for at least 30 days after the last treatment of **Basagran + Poast Plus.** Do not apply **Basagran + Poast Plus** to soybeans under stress due to lack of moisture, previous, herbicide injury, mechanical injury, or cold temperatures, as crop injury may result.

Do not apply more than a total of 2.0 pints each of **Basagran + Poast Plus** per acre in one season.

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.

BASF warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the **Directions For Use**, subject to the inherent risks, referred to above. BASF MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY. IN NO CASE SHALL BASF OR THE SELLER BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. BASF and the Seller offer this product, and the Buyer and User accept it, subject to the foregoing **Conditions of Sale and Warranty** which may be varied only by agreement in writing signed by a duly authorized representative of BASF.

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