

pm 25

7969-112

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Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060. Approval expires 05-31-98



United States
Environmental Protection Agency
Washington, DC 20460

☐ Registration
☒ Amendment
☐ Other

OPP Identifier Number
244303

Application for Pesticide - Section I

1. Company/Product Number 7969-112		2. EPA Product Manager Robert J. Taylor		3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted	
4. Company/Product (Name) Basagran® 5L Herbicide		PM# 25			
5. Name and Address of Applicant (Include ZIP Code). BASF Corporation Agricultural Products P.O. Box 13528 Research Triangle Park, NC 27709-3528 <input type="checkbox"/> Check if this is a new address		6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. Product Name			

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated	NOTIFICATION MAR 21 1996
<input type="checkbox"/> Resubmission in response to Agency letter dated	<input type="checkbox"/> "Me Too" Application.	
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.	

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Notification of changes in label language per PR Notice 95-2. Submission of supplemental labeling for Basagran 600 and Rezult B Herbicides containing revised operating instructions for Prodigy System.

Section - III

1. Material This Product Will Be Packaged In:		2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Metal <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify)
* Certification must be submitted			
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container	4. Size(s) Retail Container 2 gal. & Bulk (>55 gal)	5. Location of Label Directions <input type="checkbox"/> On Label <input checked="" type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled		<input checked="" type="checkbox"/> Other Sleeve	

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)			
Name Edward G. Jordan		Title Registration Scientist	
		Telephone No. (Include Area Code) (919) 547-2089	
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment both under applicable law.			6. Date Application Received (Stamped)
2. Signature <i>Edward G. Jordan</i>		3. Title Registration Scientist	
4. Typed Name Edward G. Jordan		5. Date February 20, 1996	

Basagran® 600

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 using Duplex II or Prodigy Systems

Basagran 600 - EPA Reg. No 7969-112

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 600 + Poast Plus is intended for the postemergence control of a wide spectrum of broadleaf and grass weeds in soybeans.

Prodigy™ System:

The Prodigy System is a unique, 120-gallon closed returnable delivery system. It consists of a self-discharging tank that does not require any pumping mechanism, and has a dry lock connector which protects the user from exposure to system contents.

Do not refill Prodigy System.

Return Prodigy System to BASF for cleaning and refilling.

Basagran 600 + Poast Plus in a dedicated, returnable Prodigy System can only be used with the closed Prodigy System in which it comes packaged.

The Prodigy System, when operated according to directions, will discharge Basagran 600 and Poast Plus in a 1:1 ratio. See Prodigy System Operating Procedure.

Duplex™ II System

Basagran 600 and Poast Plus are provided in a molded jug pack that contains enough Basagran 600 and Poast Plus to treat 5 acres.

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 600 + Poast Plus 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 **Basagran 600 + Poast Plus** at all stages of growth. Leaf speckling may occur, but plants generally outgrow this condition within 10 days.

Rotational Crops:

Basagran 600 + 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®** herbicide, refer to respective label for crop rotation restrictions.

Cultivation:

Do not cultivate before application or within five days after application of **Basagran 600 + Poast Plus**. Cultivation may put weeds under stress and reduce control. A timely cultivation 5-7 days after applying **Basagran 600 + Poast Plus** may assist weed control in soybeans grown in rows greater than 10 inches apart.

Application Rate and Timing

Apply **Basagran 600 + Poast Plus** at 3.2 pints per acre (1.6 pints per acre of **Poast Plus** + 1.6 pints per acre of **Basagran 600**) early postemergence when weeds are small and actively growing (generally when soybeans are in the 1st to 3rd trifoliate leaf stage of growth). See Table 1 for recommended size. **Basagran 600 + Poast Plus** can be applied at a maximum total rate of 3.2 pints per acre (1.6 pints per acre of **Poast Plus** + 1.6 pints per acre of **Basagran 600**).

An additional 2 pints of **Basagran** per acre may be applied after a single application of **Basagran 600 + Poast Plus**.

An additional 5.9 pints of **Poast Plus** per acre may be applied after a single application of **Basagran 600 + Poast Plus**.

Always add 2 quarts of UAN solution per acre (see **Nitrogen Solution**) except when a silicone adjuvant is recommended for use with **Blazer** and **Reflex** tank mixes (see **Table 2**).

Nitrogen Solution

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.

Ammonium sulfate (AMS) can be substituted at 2 pounds per acre.

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, spray-grade ammonium sulfate are recommended. 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.

Prodigy System Operating Procedure

Attention! The **Prodigy System** is a pressurized delivery system.

Do not attempt to open the container. Transfer product only by following these steps:

- 1) Install a male dry lock connector to the spray tank.
- 2) Uncoil the hose from the rack and 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) Push down on the silver horizontal handle in front of the meter until both sides are locked in the lower position allowing the manifold to fill with pressure and product.
- 5) Set measuring meter to zero.
- 6) Turn the yellow manifold handle counter clockwise (to horizontal) until the desired amount of product, as indicated on the measuring meter, has been discharged into the spray tank.
- 7) Turn the yellow manifold handle clockwise (to vertical) to stop the discharge of product into the sprayer tank.

8) Lift the silver handle to the unlocked position in front of the meter to stop liquid and pressurization from flowing into the manifold.

9) Starting at the yellow handle on the **Prodigy Tank**, grasp the hose and walk toward the receiving tank holding the hose level or higher than the dry lock connection allowing all of the product to drain out of the hose.

10) Disconnect the female dry lock connector on the tank hose from the male dry lock connector on the spray tank.

11) Recoil the hose onto the hose rack.

12) Turn off the nitrogen gas supply when the **Prodigy System** operation is completed, the tank is empty, or tank is ready to be returned to the point of purchase.

Prodigy Mixing

- 1) Fill tank of a thoroughly clean sprayer one 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 600 + Poast Plus** and remaining volume of water.
- 5) Allow to mix thoroughly.
- 6) Maintain constant agitation during application.
- 7) After dispensing **Basagran 600 + Poast Plus** from the **Prodigy System**, spray within 48 hours.

Table 1: Maximum Weed Heights Controlled by Poast Plus + Basagran 600 at 3.2 pints per acre (1.6 pints per acre of Poast Plus + 1.6 pints per acre of Basagran 600)^a + Nitrogen Solution^b at 2 quarts per acre

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

^a **Basagran 600 + Poast Plus** can be applied at a maximum rate of 1.6 pints per acre of each product.

^b AMS can be substituted at 2 pounds per acre.

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

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

Table 2: Tank mixes with Basagran 600 + Poast Plus:

Poast Plus + Basagran 600 at 3.2 pints per acre (1.6 pints per acre of Poast Plus + 1.6 pints per acre of Basagran 600) can be tank mixed with the following products for improved control of the weed species listed according to maximum height (inches):

Tank Mix Partner ^a Rate per acre	Concert ^b 1/5 oz.	Classic ^b 1/4 oz.	Blazer ^b 10 fl. oz.	Blazer ^b 5 fl. oz.	Reflex ^b 10 fl. oz.	Reflex ^b 5 fl. oz.	2,4-DB ^b 1 fl. oz.
Adjuvant Rate per acre	UAN 2 quarts	UAN 2 quarts	Silicone ^c 0.125-0.25% v/v	Silicone ^c 0.125-0.25% v/v	Silicone 0.125-0.25% v/v	Silicone 0.125-0.25% v/v	UAN 2 quarts
Lambsquarters, Common	2"	—	2"	—	2"	—	—
Morningglories	—	—	1"	—	1"	—	1"
Nightshade	—	—	<2"	—	<2"	—	—
Pigweed, Redroot	2"	1"	2"	1"	2"	1"	—
Smooth	2"	1"	2"	1"	2"	1"	—
Ragweed, Common	—	—	3"	2"	3"	2"	—
Giant	—	—	6"	4"	6"	4"	—
Sunflower, Wild	5"	5"	—	—	—	—	—
Waterhemp, Tall	—	—	2"	1"	2"	1"	—

Tank Mix Information:

- ^a Potential crop symptoms such as leafburn (Blazer or Reflex) or stunting (Concert or Classic) 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.
- ^b Refer to each respective label for restrictions and limitations. The most restrictive labeling applies to all tank mixes.
- ^c For best results with Blazer when velvetleaf is present, use a silicone adjuvant at 0.125-0.25% v/v and 1 pint per acre of 28% UAN or AMS can be substituted at 0.5 pound per acre.

Duplex™ II System Operating Procedure

Duplex™ II Mixing

- 1) Fill tank of a thoroughly clean sprayer one 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 600 to the spray tank, then add Poast Plus. Finally, add the remaining volume of water to the spray tank. Do not attempt to pour the contents of the Duplex II container system (Poast Plus and Basagran 600) into the tank simultaneously or poor mixing will result.
- 5) Allow to mix thoroughly.
- 6) Maintain constant agitation during application.
- 7) After dispensing Poast Plus and Basagran 600 from the Duplex II System into the spray tank, spray within 48 hours.

Ground Application

Use a minimum of 10 gallons of water per acre at a minimum of 40 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 60 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 Basagran 600 + 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 600 + 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 600 + 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.

Triple rinse Duplex II 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 re-use empty container. Prodigy™ System must be returned to the point of purchase for cleaning and 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 **Basagran 600 + 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 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 600 + 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 600 + 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 600 + Poast Plus** as a preplant or pre-emergent treatment prior to corn, millet, sorghum, or small grain crops.

Do not apply **Basagran 600 + 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 600 + Poast Plus**.

Do not apply more than 2 pints of **Basagran** or 5.9 pints of **Poast Plus** per acre after an application of 3.2 pints of **Poast Plus + Basagran 600** per acre in one season.

Do not apply more than 3.2 pints of **Poast Plus + Basagran 600** per acre in one season.

Do not apply more than a total of 2 pounds of bentazon active ingredient (a.i.) from all sources per acre per calendar year.

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.

Duplex and Prodigy are trademarks of BASF Corporation.

Patent pending on container.

Basagran is a registered trademark of BASF AG.

Blazer and Poast Plus are registered trademarks of BASF Corporation.

Classic and Concert are registered trademarks of E.I. DuPont de Nemours and Company.

Reflex is a registered trademark of Zeneca, Limited.

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BASF Corporation
PO. Box 13528
Research Triangle Park, NC 27709

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ResultTM B

herbicide

Postemergence Herbicide For Soybeans

Active Ingredient:

Sodium [3-(1-methylethyl)-1H,2,1,3-benzothiadiazin-4(3H)-one-2,2-dioxide]*53%

Inert Ingredients:47%

TOTAL.....100%

*Equivalent to 5 pounds per gallon bentazon [3-(1-methylethyl)-1H,2,1,3-benzothiadiazin-4(3H)-one-2,2-dioxide]

EPA Reg. No. 7969-112

KEEP OUT OF REACH OF CHILDREN.

DANGER/PELIGRO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand this label, find someone to explain it to you in detail).

Causes irreversible eye damage. Avoid contact with skin, eyes, or clothing. Harmful if swallowed or absorbed through the skin. Prolonged or frequently repeated skin contact may cause allergic reactions in some people.

Statement of Practical Treatment

If in eyes: Flush with plenty of water. Call a physician.

If on skin: Wash with plenty of soap and water. Get medical attention if irritation persists.

If swallowed: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching the back of the throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

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

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.

Net contents

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

Precautionary Statements Hazards to Humans (and Domestic Animals)

DANGER

Causes irreversible eye damage. Avoid contact with skin, eyes, or clothing. Harmful if swallowed or absorbed through the skin. Prolonged or frequently repeated skin contact may cause allergic reactions in some people.

Personal Protective Equipment (PPE)

Applicators and other handlers must wear:

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

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

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

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 or rinsate.

Bentazon, which is present in this product is known to leach through soil into groundwater under certain conditions as a result of agricultural use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

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 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.**

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

Directions For Use — Rezult B And G

(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 B must be used in combination with Rezult G.

Agricultural Use Requirements

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard. Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

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
- Protective eyewear

General Information

Rezult is intended for the post-emergence control of a wide spectrum of broadleaf and grass weeds in soybeans.

Prodigy™ System:

The **Prodigy System** is a unique, 120-gallon closed returnable delivery system. It consists of a self-discharging tank that does not require any pumping mechanism, and has a dry lock connector which protects the user from exposure to system contents.

Do not refill **Prodigy System**.

Return **Prodigy System** to BASF for cleaning and refilling.

Rezult in a dedicated, returnable **Prodigy System** can only be used with the closed **Prodigy System** in which it comes packaged.

The **Prodigy System**, when operated according to directions, will discharge **Rezult B** and **G** in a 1:1 ratio. See **Prodigy System Operating Procedure**.

Duplex™ II System

Rezult is provided in a molded jug pack that contains enough **Rezult B** and **Rezult G** to treat 5 acres. 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 post-emergence 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**® herbicide, 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 under stress and reduce control.

A timely cultivation 5-7 days after applying **Rezult** may assist weed control in soybeans grown in rows greater than 10 inches apart.

Application Rate and Timing

Apply **Rezult** at 3.2 pints per acre (1.6 pints per acre of **Rezult G** + 1.6 pints per acre of **Rezult B**) early post-emergence when weeds are small and actively growing (generally when soybeans are in the 1st to 3rd trifoliate leaf stage of growth). See **Table 1** for recommended size. **Rezult** can be applied at a maximum total rate of 3.2 pints per acre (1.6 pints per acre of **Rezult G** + 1.6 pints per acre of **Rezult B**).

An additional 2 pints of **Basagran** per acre may be applied after a single application of **Rezult**.

An additional 5.9 pints of **Poast Plus** per acre may be applied after a single application of **Rezult**.

Nitrogen Solution

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. Ammonium sulfate (AMS) can be substituted at 2 pounds per acre.

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, spray-grade ammonium sulfate are recommended. 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.

Table 1: Maximum Weed Heights Controlled by Rezult G + Rezult B at 3.2 pints per acre (1.6 pints per acre of Rezult G + 1.6 pints per acre of Rezult B)* + Nitrogen Solution^a at 2 quarts per acre

Broadleaves	Maximum Weed Height	Grasses	Maximum Weed Height	Perennials (top growth suppression)	Maximum Weed Height
Balloonvine	2"	Barnyardgrass	4"	Canada Thistle ^b	6"
Beggarticks	5"	Broadleaf Signal Grass	4"	Johnsongrass ^c	4"
Bristly Starbur	2"	Crabgrass, Large	2"	(Rhizome)	
Cocklebur	5"	, Smooth	2"	Quackgrass ^c	4"
Dayflower	4"	Foxtail, Giant	6"	Wirestem Muhly ^c	4"
Jimsonweed	5"	, Green	6"	Yellow Nutsedge ^b	6"
Ladysthumb	5"	, Yellow	6"		
Lambsquarters, Common	1"	Goosegrass	4"		
Marshelder	2"	Johnsongrass	4"		
Purslane, Common	1"	(seedling)			
Prickly Sida/Tea Weed	3"	Junglerice	4"		
Ragweed, Common	1"	Panicum, Browntop	4"		
, Giant	2"	, Fall	4"		
Redweed	5"	, Texas	4"		
Shepherdspurse	4"	Red Sprangletop	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 Poinsettia	4"				

* Rezult can be applied at a maximum rate of 3.2 pints per acre.

^a AMS can be substituted at 2 pounds per acre.

^b For regrowth or new germination follow up 10-14 days later with Basagran. Refer to Basagran label.

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

Prodigy System Operating Procedure

Attention! The Prodigy System is a pressurized delivery system.

Do not attempt to open the container. Transfer product only by following these steps:

- 1) Install a male dry lock connector to the spray tank.
- 2) Uncoil the hose from the rack and 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) Push down on the silver horizontal handle in front of the meter until both sides are locked in the lower position allowing the manifold to fill with pressure and product.
- 5) Set measuring meter to zero.
- 6) Turn the yellow manifold handle counter clockwise (to horizontal) until the desired amount of product, as indicated on the measuring meter, has been discharged into the spray tank.
- 7) Turn the yellow manifold handle clockwise (to vertical) to stop the discharge of product into the sprayer tank.
- 8) Lift the silver handle to the unlocked position in front of the meter to stop liquid and pressurization from flowing into the manifold.

9) Starting at the yellow handle on the Prodigy Tank, grasp the hose and walk toward the receiving tank holding the hose level or higher than the dry lock connection allowing all of the product to drain out of the hose.

- 10) Disconnect the female dry lock connector on the tank hose from the male dry lock connector on the spray tank.
- 11) Recoil the hose onto the hose rack.
- 12) Turn off the nitrogen gas supply when the Prodigy System operation is completed, the tank is empty, or tank is ready to be returned to the point of purchase.

Prodigy Mixing

- 1) Fill tank of a thoroughly clean sprayer one 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 Prodigy System, spray within 48 hours.

Duplex™ II System Operating Procedure

Duplex™ II Mixing

- 1) Fill tank of a thoroughly clean sprayer one 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 B to the spray tank, then add Rezult G. Finally, add the remaining volume of water to the spray tank. Do not attempt to pour the contents of the Duplex II container system (Rezult B and Rezult G) into the tank simultaneously or poor mixing will result.
- 5) Allow to mix thoroughly.
- 6) Maintain constant agitation during application.
- 7) After dispensing Rezult B and Rezult G from the Duplex II System into the spray tank; spray within 48 hours.

Table 2: Tank mixes with Rezult:

Rezult G + Rezult B at 3.2 pints per acre (1.6 pints per acre of Rezult G + 1.6 pints per acre of Rezult B) can be tank mixed with the following products for improved control of the weed species listed according to maximum height (inches):

Tank Mix Partner ^a Rate per acre	Concert ^b 1/5 oz.	Classic ^b 1/4 oz.	Blazer ^b 10 fl. oz.	Blazer ^b 5 fl. oz.	Reflex ^b 10 fl. oz.	Reflex ^b 5 fl. oz.	2,4-DB ^b 1 fl. oz.
Adjuvant Rate per acre	UAN 2 quarts	UAN 2 quarts	Silicone ^c 0.125-0.25% v/v	Silicone ^c 0.125-0.25% v/v	Silicone 0.125-0.25% v/v	Silicone 0.125-0.25% v/v	UAN 2 quarts
Lambsquarters, Common	2"	—	2"	—	2"	—	—
Morningglories	—	—	1"	—	1"	—	1"
Nightshade	—	—	<2"	—	<2"	—	—
Pigweed, Redroot	2"	1"	2"	1"	2"	1"	—
Smooth	2"	1"	2"	1"	2"	1"	—
Ragweed, Common	—	—	3"	2"	3"	2"	—
Giant	—	—	6"	4"	6"	4"	—
Sunflower, Wild	5"	5"	—	—	—	—	—
Waterhemp, Tall	—	—	2"	1"	2"	1"	—

Tank Mix Information:

^a Potential crop symptoms such as leafburn (Blazer or Reflex) or stunting (Concert or Classic) 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.

^b Refer to each respective label for restrictions and limitations. The most restrictive labeling applies to all Rezult tank mixes.

^c For best results with Blazer when velvetleaf is present, use a silicone adjuvant at 0.125-0.25% v/v and 1 pint per acre of 28% UAN or AMS can be substituted at 0.5 pound per acre.

Ground Application

Use a minimum of 10 gallons of water per acre at a minimum of 40 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 60 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.

Triple rinse Duplex II 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 re-use empty container.

Prodigy™ System must be returned to the point of purchase for cleaning and 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 **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 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 treatment 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 more than 2 pints of **Basagran** or 5.9 pints of **Poast Plus** per acre after an application of 3.2 pints of **Rezult** per acre in one season.

Do not apply more than a total of 3.2 pints of **Rezult** per acre in one season.

Do not apply more than a total of 2 pounds of bentazon active ingredient (a.i.) from all sources per acre per calendar year.

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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Patent pending on container.

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