



J.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division (7505C)  
401 "M" St., S.W.  
Washington, D.C. 20460

EPA Reg.  
Number:

7969-194

Date of Issuance:

FEB 8 2001

Term of Issuance:

Conditional

Name of Pesticide Product:

Rezult Herbicide

NOTICE OF PESTICIDE:

Registration  
 Reregistration  
(under FIFRA, as amended)

Name and Address of Registrant include ZIP Code.:

BASF Corporation  
26 Davis Drive  
P.O. Box 13528  
Research Triangle Park, NC 27709-3528

**Note:** Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered, reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product when the Agency requires all registrants of similar products to submit data.
2. Make the following label changes listed below before you release the product for shipment:
  - a. Add the phrase, "EPA Reg. No. 7969-194".
  - b. Assure that EPA Establishment Number appears on the labeling or container.
  - c. In the Environmental Hazards Section delete "For terrestrial uses,". Refer to PR Notice 93-8.

Signature of Approving Official:

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Date:

FEB 8 2001

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d. In the appropriate ingredient sub-statement specify:

\*Equivalent to 1 pound of sethoxydim per gallon.

e. Please note that 40 CFR 156.10(i)(1)(ii) states that only the Directions For Use may appear on printed or graphic matter which accompanies the pesticide (the inside booklet). If all of the Precautionary Statements and First Aid Statements cannot appear on the container label due to size constraints, you should formally submit a request for a size exemption from the regulations.

f. Pages 3 to 8 are duplicated. Only one set of directions for use are required for this product.

3. Submit one (1) copy of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Joanne I. Miller  
Product Manager (23)  
Herbicide Branch  
Registration Division (7505C)

**BASF**

wjm 2-1-01 NVA 2001-04-033-0044

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

FEB 8 2001

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

7969-194

# Result®

## herbicide

**Postemergence herbicide for dry beans,  
soybeans and SR® (Sethoxydim-Resistant)  
field corn**

A soluble liquid formulation containing:

**Active Ingredient:**

Sodium salt of bentazon\* .....53%

**Inert Ingredients:** .....47%

**TOTAL** .....100%

\* Equivalent to 5.0 pounds per gallon bentazon [3-(1-methylethyl)-1H,2,1,3-benzothia-  
diazin-4(3H)-one-2,2-dioxide].

EPA Reg. No. 7969-

**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).

Corrosive. Causes irreversible eye damage. Do not get in eyes or on clothing. Avoid contact with  
skin. Harmful if swallowed or absorbed through skin. Prolonged or frequently repeated skin contact  
may cause allergic reactions in some individuals.

See inside booklet for complete **Precautionary Statements, 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.

Product of Germany; formulated in U. S. with U. S. and imported ingredients

**Net contents:**

BASF Corporation  
P. O. Box 13529, Research Triangle Park, NC, 27709

<b>FIRST AID</b>	
If in eyes	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
If on skin or clothing	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
If swallowed	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>HOT LINE NUMBER</b>	
Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact BASF Corporation for emergency medical treatment information: 1-800-832-HELP (4357)	
<b>NOTE TO PHYSICIAN</b>	
Probable mucosal damage may contraindicate the use of gastric lavage.	

**Precautionary Statements****Hazards to Humans (and Domestic Animals)****DANGER**

Corrosive. Causes irreversible eye damage. Do not get in eyes or on clothing. Avoid contact with skin. Harmful if swallowed or absorbed through skin. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

**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.

**In Case of Spill**

In case of large-scale spillage regarding this product, avoid contact, isolate area, and keep out animals and unprotected persons. Confine spill and call:

CHEMTREC 800-424-9300  
BASF Corporation 800-832-HELP

**Directions For Use —  
Rezult® Herbicide**

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.

Read the precautionary statement, environmental hazards, storage and disposal statements, and **Conditions of Sale and Warranty** statement appearing in this booklet.

Use the entire contents of this container to treat 5 acres.

**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 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
- Protective eyewear

**I. General Information**

**Rezult®** is intended for the postemergence control of a wide spectrum of broadleaf and grass weeds in dry beans, soybeans and in **SR® (Sethoxydim-Resistant) field corn** or corn grown for **SR (Sethoxydim-Resistant)** seed.

**Duplex® II System**

**Rezult** is provided in a molded jug pack that contains enough sodium salt of bentazon and sethoxydim to treat 5 acres.

**Duplex® Single-Pour System**

**Rezult** is provided in a molded single-pour jug that contains enough sodium salt of bentazon and sethoxydim 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.

**Storage and Disposal**

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

**Pesticide Storage:** Do not allow this product to freeze.

**Pesticide Disposal:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**Container Disposal:**

**•Plastic Containers:** Triple rinse **Duplex II** or **Duplex Single-Pour** 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.

**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.

**Only SR (Sethoxydim-Resistant) field corn hybrids are tolerant to Rezult applications. Severe crop injury will occur to corn hybrids not labeled as SR (Sethoxydim-Resistant) field corn.**

In dry beans, apply **Rezult** early postemergence to actively growing weeds before they reach the maximum size listed in **Table 1**. These weed growth stages generally correspond to bean stages of greater than one expanded trifoliate leaf. All dry bean varieties are tolerant to **Rezult** after the first trifoliate leaf has fully expanded. Dry 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. Using oil with **Rezult** may increase injury and may reduce yields. Tolerant bean types are adzuki bean, navy bean, pinto bean, pink bean, great northern bean, kidney bean, red bean, white bean, cranberry bean, black turtle soup bean, dry lima bean and dry snap bean.

In Western irrigated dry bean areas, it may be necessary to irrigate prior to application of **Rezult** to ensure that weeds are actively growing. Weeds that are growing under moisture stress are not actively growing and will not be satisfactorily controlled. In this irrigated area, avoid applying **Rezult** during prolonged periods of cold weather (day temperature below 75° and night temperature below 55° for 2-5 days) because weed control may be reduced.

Essentially, all grass crops such as sorghum, non-**SR (Sethoxydim-Resistant)** corn and small grain, as well as ornamental grasses such as turf, are susceptible to **Rezult**; therefore, avoid all direct or indirect contact with any grass crop.

**Rotational Crops:**

**Rezult**<sup>®</sup> herbicide has no crop rotation restrictions. If tank mixing with **Blazer**<sup>®</sup>, **Classic**<sup>®</sup>, **Concert**<sup>®</sup>, or **Reflex**<sup>®</sup> herbicides in soybeans, refer to respective label for crop rotation restrictions. If tank mixing with atrazine, **Banvel**<sup>®</sup>, **Clarity**<sup>®</sup>, or 2,4-D LVE herbicides in **SR**<sup>®</sup> (Sethoxydim-Resistant) field corn, refer to respective label for crop rotation restrictions.

**Cultivation:**

Do not cultivate within 5 days before applying **Rezult** or within 7 days after application. Cultivation may put weeds under stress and reduce control.

A timely cultivation 7 days after applying **Rezult** may provide season-long weed control.

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## II. Application Instructions

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**Application Rate and Timing**

Use the entire contents of this container to treat 5 acres. This is equivalent to 3.2 pints of **Rezult** per acre. Apply **Rezult** early postemergence to actively growing weeds before they reach the sizes listed in **Table 1**.

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

An additional 2 pints of **Basagran**<sup>®</sup> herbicide per acre may be applied after a single application of **Rezult**.

In dry beans, an additional 4.4 pints of **Poast Plus**<sup>®</sup> herbicide per acre may be applied after a single application of **Rezult**.

In soybeans, an additional 5.9 pints of **Poast Plus** per acre may be applied after a single application of **Rezult**.

In **SR** (Sethoxydim-Resistant) field corn, an additional 2.9 pints of **Poast Plus** per acre may be applied after a single application of **Rezult**.

**Ground Application:** Use a minimum of 10 gallons of water per broadcast acre at 60 psi (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 40-60 psi. Use standard high-pressure hollow cone or flat fan nozzles spaced 20 inches apart. Do not use flood or whirl chamber nozzles. Brass nozzles are not recommended because of the corrosive effects of nitrogen additives.

Lower volumes (e.g., 10 gallons of spray volume per acre) use a minimum nozzle size of 8002 or equivalent to minimize spray drift.

**Air 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 the crop.

**Nozzle orientation:** Nozzles must be oriented 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 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 non-**SR** (Sethoxydim-Resistant) 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.

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## III. Additives

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Always use 1-2 quarts of UAN solution or 1-2 pounds of AMS when applying **Rezult** in addition to 1 pint of spray additive or crop oil concentrate per acre except where noted (see **Tank Mix** section).

**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.

**Note about Ammonium Sulfate:** Use high-quality ammonium sulfate (AMS) to avoid plugging of spray nozzles. The AMS must be readily soluble in water and contain no insoluble materials. Local sources of high-quality, spray-grade AMS are recommended. Low-quality AMS 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 of AMS to 1 gallon of water and agitate for 1 minute. If any undissolved sediment is observed, pre-dissolve the AMS in water and filter it before adding the AMS to the spray tank. If AMS can be added directly to the spray tank, add it slowly with agitation. Adding AMS too quickly may clog outlet lines. Ensure that the AMS is completely dissolved in the spray tank before adding other products. AMS is not recommended for aerial applications because of potential precipitation problems.

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## IV. Mixing Order

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**Duplex<sup>®</sup> II Mixing**

- 1) Fill tank of a thoroughly clean sprayer one half to two-thirds full with clean water. Start agitation.
- 2) Add nitrogen fertilizer.
- 3) Add tank mix partner if applicable. Allow to mix thoroughly.
- 4) Add the entire contents in the compartment containing the sodium salt of bentazon to the spray tank. Allow to mix thoroughly.
- 5) Add entire contents in the compartment containing sethoxydim. Allow to mix thoroughly.
- 6) Add crop oil concentrate or spray additive (if applicable)\* and the remaining volume of water. Allow to mix thoroughly.
- 7) Maintain constant agitation during application.
- 8) After dispensing the entire contents of the **Duplex II** container into the spray tank, spray within 48 hours.

\* not required with all tank mixes (see **Table 2**)

**Duplex<sup>®</sup> Single-Pour Mixing**

The following steps apply when using the **Duplex Single-Pour** container system.

- 1) **Water.** Begin by agitating a thoroughly clean sprayer tank three-quarters full with clean water.
- 2) **Agitation.** Maintain constant agitation throughout mixing and application.
- 3) **Inductor.** If an inductor is used, rinse it thoroughly after each component has been added.
- 4) **Products in PVA bags.** Place any product contained in water-soluble PVA bags into the

**Table 1: Maximum Weed Heights Controlled by Rezult® herbicide at the labeled rate\* in Dry Beans, Soybeans and in SR® (Sethoxydim-Resistant) Field Corn**

Broadleaves	Maximum Weed Height	Grasses	Maximum Weed Height	Perennials (top growth suppression)	Maximum Weed Height
<b>Maximum Adjuvant rate (per acre)</b>	1 pint of crop oil concentrate or spray additive + 1-2 quarts of UAN solution <sup>†</sup>				
Balloonvine	3"	Barnyardgrass	8"	Canada Thistle <sup>‡</sup>	bud stage
Beggarticks	8"	Broadleaf Signalgrass	8"	Johnsongrass <sup>‡</sup>	12"
Bristly Starbur	3"	Crabgrass, Large	6"	(Rhizome)	
Cocklebur	10"	Smooth	6"	Quackgrass <sup>‡</sup>	4"
Dayflower	8"	Foxtail, Giant	8"	Wirestem Muhly <sup>‡</sup>	4"
Jimsonweed	10"	Green	8"	Yellow Nutsedge <sup>‡</sup>	8"
Ladysthumb	10"	Yellow	8"		
Lambsquarters, Common	2"	Goosegrass	6"		
Marshelder	4"	Johnsongrass (seedling)	8"		
Purslane, Common	2"	Junglerice	8"		
Prickly Sida/Teaweed	4"	Panicum, Browntop	8"		
Ragweed, Common	3"	Fall	8"		
Giant	6"	Texas	8"		
Redweed	8"	Red Sprangletop	8"		
Shepherdspurse	8"	Ryegrass, Annual	8"		
Smartweed, Pennsylvania	10"	Shattercane <sup>‡</sup>	16"		
Spurred Anoda	4"	Volunteer Corn <sup>‡</sup>	20"		
Tropic Croton	4"	Wild Oats	4"		
Velvetleaf	6"	Wild Proso Millet	10"		
Venice Mallow	4"	Witchgrass	8"		
Wild Buckwheat	5"	Woolly Cupgrass	8"		
Wild Mustard	8"				
Wild Sunflower <sup>‡</sup>	8"				
Wild Poinsettia	6"				

\* Rezult can be applied at a maximum rate of 3.2 pints per acre.  
 † AMS can be substituted at 1-2 pounds per acre.  
 ‡ For regrowth or new germination, follow up 7-10 days later with Basagran® herbicide. Refer to Basagran label.  
 ‡ For regrowth or new germination, a follow-up application of Poast Plus® herbicide may be necessary. Refer to Poast Plus label.  
 ‡ Volunteer corn must be non-SR (Sethoxydim-Resistant). Rezult and Poast Plus will not control volunteer SR (Sethoxydim-Resistant) field corn.

- mixing tank. Wait until all water-soluble PVA bags have fully dissolved and the product is evenly mixed in the spray tank before continuing.
- Water-dispersible products.** (such as dry flowables, wettable powders, suspension concentrates, or suspo-emulsions).
  - Water-soluble products.** (open jug and pour complete contents into spray tank)
  - Emulsifiable concentrates.** (such as oil concentrate when applicable\*).
  - Rezult herbicide.** Pour entire contents of Duplex® Single-Pour container into tank.
  - Water-soluble additives.** (such as AMS or UAN when applicable).
  - Remaining quantity of water.** Maintain constant agitation during application.  
 \*not required with all tank mixes (see Table 2)

**Procedure For Cleaning Spray Equipment**

- Clean the sprayer thoroughly before and after applying 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 before or after applying Rezult.
- Step 1:** Thoroughly hose down the inside and outside of the equipment while filling the spray tank half full of water.  
 Flush the system by operating the sprayer until the system is purged of this rinse water.
  - Step 2:** Refill the tank with water while adding 1 gallon of household ammonia, 1 pint of 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.

**Table 2. Rezult® Herbicide Tank Mix Partners**

The following products can be tank mixed with Rezult.

Soybeans	SR® (Sethoxydim-Resistant) Field Corn
Blazer Classic Concert Reflex 2,4-DB	Atrazine Banvel Clarity 2,4-D (LVE)

**V. Tank Mixing Applications****Tank Mixes For Soybeans****• Rezult + Blazer**

A tank mix of **Rezult** plus **Blazer®** herbicide is recommended for additional or improved control of pigweed, ragweed (common and giant), waterhemp (common and tall), morningglories, and black nightshade.

**Rate:** Use the entire contents of this container of **Rezult** mixed with up to 50 ounces of **Blazer** for each 5 acres to be treated.

**• Rezult + Classic**

A tank mix of **Rezult** plus **Classic®** herbicide is recommended for the additional or improved control of wild sunflower.

**Rate:** Use the entire contents of this container of **Rezult** mixed with up to 2.5 ounces (2 1/2 ounces) of **Classic** for each 5 acres to be treated.

**• Rezult + Concert**

A tank mix of **Rezult** plus **Concert®** herbicide is recommended for the additional or improved control of pigweed (non-ALS resistant), lambsquarters, velvetleaf, and wild sunflower.

**Rate:** Use the entire contents of this container of **Rezult** mixed with up to 1.25 ounces (1 1/4 ounces) of **Concert** for each 5 acres to be treated.

**• Rezult + Reflex**

A tank mix of **Rezult** plus **Reflex®** herbicide is recommended for the additional or improved control of pigweed, ragweed (common and giant), tall waterhemp, morningglories, and black nightshade.

**Rate:** Use the entire contents of this container of **Rezult** mixed with up to 50 ounces of **Reflex** for each 5 acres to be treated.

**Rezult + 2,4-DB**

A tank mix of **Rezult** plus 2,4-DB is recommended for additional or improved control of morningglories.

**Rate:** Use the entire contents of this container of **Rezult** mixed with 5 fluid ounces of 2,4-DB for each 5 acres to be treated.

**Additives**

Adjuvants are needed with these tank mixes to achieve consistent postemergence weed control. The standard label recommendation is 0.5-1 pint (maximum) of oil concentrate per acre plus 1-2 quarts (maximum) of UAN per acre.

AMS can be substituted for UAN (1 pound of AMS equals 1 quart of UAN).

**Note:** With a **Rezult** + 2,4-DB tank mix, use only 1 quart of UAN or 1 pound of AMS per acre. Do not add crop oil concentrate or spray additive as severe crop injury may occur.

**Tank Mixes For SR® (Sethoxydim-Resistant) Field Corn****• Rezult + Atrazine**

A tank mix of **Rezult** plus atrazine is recommended for additional or improved control of common cocklebur, common lambsquarters, morningglories, nightshade, pigweed (redroot and smooth), ragweed (common and giant), velvetleaf, waterhemp (common and tall), and wild sunflower. Atrazine will also provide residual weed control.

**Rate:** Use the entire contents of this container of **Rezult** mixed with up to 7.5 pounds of atrazine a.i. for each 5 acres to be treated.

**• Rezult + Banvel or Clarity**

A tank mix of **Rezult** plus **Banvel®** or **Clarity®** herbicides is recommended for additional or improved control of bindweed, (field and hedge), Canada thistle, common lambsquarters, honeyvine milkweed, morningglories, pigweed (redroot and smooth), ragweed (common and giant), waterhemp (common and tall), and wild sunflower.

**Rate:** Use the entire contents of this container of **Rezult** mixed with up to 40 ounces of **Banvel** or **Clarity** for each 5 acres to be treated.

**Additives:** A tank mix of **Rezult** plus **Banvel** or **Clarity** requires the use of 1-2 quarts of UAN or 1-2 pounds of AMS per acre.

Do not add oil concentrate or spray additive with this tank mix as severe crop injury may occur.

**• Rezult + 2,4-D (LVE)**

A tank mix of **Rezult** plus 2,4-D LVE is recommended for additional or improved control of bindweed (field and hedge), Canada thistle, common lambsquarters, morningglories, ragweed (common and giant), and wild sunflower.

**Rate:** Use the entire contents of this container of **Rezult** mixed with up to 40 ounces of 2,4-D LVE (0.25 pounds a.i.) for each 5 acres to be treated.

**Additives:** A tank mix of **Rezult** plus 2,4-D LVE requires the use of 1-2 quarts of UAN or 1-2 pounds of AMS per acre.

Do not add oil concentrate or spray additive with this tank mix as severe crop injury may occur.



## VI. Restrictions and Limitations

Do not apply **Rezult**® herbicide to dry beans, soybeans or **SR**® (**Sethoxydim-Resistant**) field corn 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 **Rezult** to dry beans within 30 days of harvest.

In dry beans, do not apply more than 2 pints of **Basagran**® herbicide or 4.4 pints of **Poast Plus**® herbicide per acre after an application of 3.2 pints of **Rezult** per acre in one season.

Do not apply **Rezult** to dry bean fields until beans have at least the first trifoliolate leaf fully expanded because severe crop damage may occur.

Do not apply **Rezult** to garbanzo beans or lupines at any stage of growth, as severe crop damage may occur.

Not recommended for use on adzuki beans in California.

Do not apply **Rezult** 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 forage or hay for at least 30 days after the last treatment of **Rezult**.

In soybeans, 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.

Do not apply **Rezult** to corn hybrids which are not specifically labeled as **SR** (**Sethoxydim-Resistant**) field corn because severe crop injury will occur.

Over-the-top applications of **Rezult** in **SR** (**Sethoxydim-Resistant**) field corn may be made until the onset of pollen shed. Do not apply **Rezult** after pollination occurs.

Do not apply **Rezult** to **SR** (**Sethoxydim-Resistant**) field corn within 60 days of harvest of corn grain or fodder.

Do not apply **Rezult** to **SR** (**Sethoxydim-Resistant**) field corn within 45 days of harvest of corn forage/silage.

In **SR** (**Sethoxydim-Resistant**) field corn, do not apply more than 2 pints of **Basagran** or 2.9 pints of **Poast Plus** per acre after an application of 3.2 pints of **Rezult** per acre in one season.

Do not graze treated **SR** (**Sethoxydim-Resistant**) field corn fields for at least 12 days after the last treatment of **Rezult**.

### Restrictions and Limitations for Tank Mixes

#### (partial list)

Always read and follow all label directions when using any pesticide alone or in tank mixes. The most restrictive labeling applies.

Do not apply tank mixes to crops that have been subjected to stress conditions such as drought, flooding, frost or hail damage, high temperature stress or wilt, injury from herbicides or excess fertilizer or soil salts, wind injury, widely fluctuating temperatures, stress symptoms from disease, nematodes or insects, or cold temperatures when maximum daily temperature is below 70° F or soil temperature is below 60° F because weeds will not be actively growing and control may be reduced.

Do not apply tank mixes through any type of irrigation system.

Avoid drift to all other crops and non-target areas.

Follow rotational restrictions as provided on each herbicide's respective labeling.

Thoroughly clean sprayer before and immediately after applying these tank mixes.

For postemergence applications of **Rezult** plus atrazine, if there have been no previous soil applications to that crop, the maximum rate of atrazine from all sources is 2 pounds of atrazine per acre.

If there has been a previous soil application to that crop, do not exceed a total of 2.5 pounds of active ingredient 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.

*Basagran is a registered trademark of BASF AG.  
Banvel, Blazer, Clarity, Duplex, Poast Plus, Rezult and SR  
(Sethoxydim-Resistant) 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  
P.O. Box 13528  
Research Triangle Park, NC 27709

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wjm 2-1-01 NVA 2010-04-033-0046

# Result<sup>®</sup>

## herbicide

**Postemergence herbicide for dry beans, soybeans and SR<sup>®</sup> (Sethoxydim-Resistant) field corn**

**Active Ingredient:**

Sethoxydim: 2-[1-ethoxyimino]butyl]-5-[2-(ethylthio)propyl]-3-hydroxy-2-cyclohexen-1-one\* .....13%

**Inert Ingredients:** .....87%

**Total** .....100%

\* Equivalent to 1 pound per gallon

EPA Reg. No. 7969-

**KEEP OUT OF REACH OF CHILDREN.  
CAUTION**

See inside booklet for complete **First Aid, Precautionary Statements, 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.

Product of Japan; formulated in U. S. with U. S. and imported ingredients

**Net contents:**

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

<b>FIRST AID</b>	
If in eyes	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
If on skin or clothing	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
If inhaled	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
If swallowed	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>HOT LINE NUMBER</b>	
Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact BASF Corporation for emergency medical treatment information: 1-800-832-HELP (4357).	

**Precautionary Statements**

**Hazards to Humans (and Domestic Animals)**

**Caution.** Causes moderate eye injury. Harmful if swallowed or absorbed through skin. Avoid contact with skin, eyes, or clothing.

**Personal Protective Equipment (PPE)**

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category E on an EPA chemical resistance category selection chart.

**Applicators and other handlers must wear:**

- Long-sleeved shirt and long pants
- Chemical-resistant gloves such as barrier laminate, nitrile rubber ≥ 14 mils, neoprene rubber ≥ 14 mils, or viton ≥ 14 mils
- 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.

**Endangered Species Concerns**

**Notice:** The use of any pesticide in a manner that may kill or otherwise harm an endangered or threatened species or adversely modify their habitat is a violation of Federal law.

**In Case of Spill**

In case of large-scale spillage regarding this product, avoid contact, isolate area, and keep out animals and unprotected persons. Confine spill and call:

CHEMTREC 800-424-9300

BASF Corporation 800-832-HELP

### Directions For Use — Rezult® Herbicide

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.

Read the precautionary statement, environmental hazards, storage and disposal statements, and **Conditions of Sale and Warranty** statement appearing in this booklet.

Use the entire contents of this container to treat 5 acres.

#### 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 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
- Protective eyewear

## I. General Information

**Rezult®** is intended for the postemergence control of a wide spectrum of broadleaf and grass weeds in dry beans, soybeans and in **SR® (Sethoxydim-Resistant) field corn** or corn grown for **SR (Sethoxydim-Resistant)** seed.

#### Duplex® II System

**Rezult** is provided in a molded jug pack that contains enough sodium salt of bentazon and sethoxydim to treat 5 acres.

#### Duplex® Single-Pour System

**Rezult** is provided in a molded single-pour jug that contains enough sodium salt of bentazon and sethoxydim 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.

#### Storage and Disposal

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

**Pesticide Storage:** Do not allow this product to

freeze.

**Pesticide Disposal:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

#### Container Disposal:

**Plastic Containers:** Triple rinse **Duplex II** or **Duplex Single-Pour** 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.

#### 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.

**Only SR (Sethoxydim-Resistant) field corn hybrids are tolerant to Rezult applications.**

**Severe crop injury will occur to corn hybrids not labeled as SR (Sethoxydim-Resistant) field corn.**

In dry beans, apply **Rezult** early postemergence to actively growing weeds before they reach the maximum size listed in **Table 1**. These weed growth stages generally correspond to bean stages of greater than one expanded trifoliolate leaf. All dry bean varieties are tolerant to **Rezult** after the first trifoliolate leaf has fully expanded. Dry 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. Using oil with **Rezult** may increase injury and may reduce yields. Tolerant bean types are adzuki bean, navy bean, pinto bean, pink bean, great northern bean, kidney bean, red bean, white bean, cranberry bean, black turtle soup bean, dry lima bean and dry snap bean.

In Western irrigated dry bean areas, it may be necessary to irrigate prior to application of **Rezult** to ensure that weeds are actively growing. Weeds that are growing under moisture stress are not actively growing and will not be satisfactorily controlled. In this irrigated area, avoid applying **Rezult** during prolonged periods of cold weather (day temperature below 75° and night temperature below 55° for 2-5 days) because weed control may be reduced.

Essentially, all grass crops such as sorghum, non-**SR (Sethoxydim-Resistant)** corn and small grain, as well as ornamental grasses such as turf, are susceptible to **Rezult**; therefore, avoid all direct or indirect contact with any grass crop.

**Rotational Crops:**

**Rezult** herbicide has no crop rotation restrictions. If tank mixing with **Blazer**, **Classic**, **Concert**, or **Reflex** herbicides in soybeans, refer to respective label for crop rotation restrictions. If tank mixing with atrazine, **Banvel**, **Clarity**, or 2,4-D LVE herbicides in **SR** (Sethoxydim-Resistant) field corn, refer to respective label for crop rotation restrictions.

**Cultivation:**

Do not cultivate within 5 days before applying **Rezult** or within 7 days after application. Cultivation may put weeds under stress and reduce control.

A timely cultivation 7 days after applying **Rezult** may provide season-long weed control.

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## II. Application Instructions

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**Application Rate and Timing**

Use the entire contents of this container to treat 5 acres. This is equivalent to 3.2 pints of **Rezult** per acre. Apply **Rezult** early postemergence to actively growing weeds before they reach the sizes listed in **Table 1**.

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

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

In dry beans, an additional 4.4 pints of **Poast Plus** herbicide per acre may be applied after a single application of **Rezult**.

In soybeans, an additional 5.9 pints of **Poast Plus** per acre may be applied after a single application of **Rezult**.

In **SR** (Sethoxydim-Resistant) field corn, an additional 2.9 pints of **Poast Plus** per acre may be applied after a single application of **Rezult**.

**Ground Application:** Use a minimum of 10 gallons of water per broadcast acre at 60 psi (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 40-60 psi. Use standard high-pressure hollow cone or flat fan nozzles spaced 20 inches apart. Do not use flood or whirl chamber nozzles. Brass nozzles are not recommended because of the corrosive effects of nitrogen additives.

At lower volumes (e.g., 10 gallons of spray volume per acre) use a minimum nozzle size of 8002 or equivalent to minimize spray drift.

**Air 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 the crop.

**Nozzle orientation:** Nozzles must be oriented 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 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 non-**SR** (Sethoxydim-Resistant) 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.

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## III. Additives

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Always use 1-2 quarts of UAN solution or 1-2 pounds of AMS when applying **Rezult** in addition to 1 pint of spray additive or crop oil concentrate per acre except where noted (see **Tank Mix** section).

**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.

**Note about Ammonium Sulfate:** Use high-quality ammonium sulfate (AMS) to avoid plugging of spray nozzles. The AMS must be readily soluble in water and contain no insoluble materials. Local sources of high-quality, spray-grade AMS are recommended. Low-quality AMS 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 of AMS to 1 gallon of water and agitate for 1 minute. If any undissolved sediment is observed, pre-dissolve the AMS in water and filter it before adding the AMS to the spray tank. If AMS can be added directly to the spray tank, add it slowly with agitation. Adding AMS too quickly may clog outlet lines. Ensure that the AMS is completely dissolved in the spray tank before adding other products. AMS is not recommended for aerial applications because of potential precipitation problems.

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## IV. Mixing Order

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**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 fertilizer.
- 3) Add tank mix partner if applicable. Allow to mix thoroughly.
- 4) Add the entire contents in the compartment containing the sodium salt of bentazon to the spray tank. Allow to mix thoroughly.
- 5) Add entire contents in the compartment containing sethoxym. Allow to mix thoroughly.
- 6) Add crop oil concentrate or spray additive (if applicable)\* and the remaining volume of water. Allow to mix thoroughly.
- 7) Maintain constant agitation during application.
- 8) After dispensing the entire contents of the **Duplex II** container into the spray tank, spray within 48 hours.

\* not required with all tank mixes (see **Table 2**)

**Duplex** Single-Pour Mixing

The following steps apply when using the **Duplex Single-Pour container system**.

- 1) **Water.** Begin by agitating a thoroughly clean sprayer tank three-quarters full with clean water.
- 2) **Agitation.** Maintain constant agitation throughout mixing and application.
- 3) **Inductor.** If an inductor is used, rinse it thoroughly after each component has been added.
- 4) **Products in PVA bags.** Place any product contained in water-soluble PVA bags into the

**Table 1: Maximum Weed Heights Controlled by Rezult herbicide at the labeled rate\* in Dry Beans, Soybeans and in SR<sup>a</sup> (Sethoxydim-Resistant) Field Corn**

Broadleaves	Maximum Weed Height	Grasses	Maximum Weed Height	Perennials (top growth suppression)	Maximum Weed Height
<b>Maximum Adjuvant rate (per acre)</b>		1 pint of crop oil concentrate or spray additive + 1-2 quarts of UAN solution <sup>b</sup>			
Balloonvine	3"	Barnyardgrass	8"	Canada Thistle <sup>a</sup>	bud stage
Beggarticks	8"	Broadleaf Signalgrass	8"	Johnsongrass <sup>c</sup> (Rhizome)	12"
Bristly Starbur	3"	Crabgrass, Large	6"	Quackgrass <sup>c</sup>	4"
Cocklebur	10"	Smooth	6"	Wirestem Muhly <sup>c</sup>	4"
Dayflower	8"	Foxtail, Giant	8"	Yellow Nutsedge <sup>a</sup>	8"
Jimsonweed	10"	Green	8"		
Ladysthumb	10"	Yellow	8"		
Lambsquarters, Common	2"	Goosegrass	6"		
Marshelder	4"	Johnsongrass (seedling)	8"		
Purslane, Common	2"	Junglerice	8"		
Prickly Sida/Teaweed	4"	Panicum, Browntop	8"		
Ragweed, Common	3"	Fall	8"		
Giant	6"	Texas	8"		
Redweed	8"	Red Sprangletop	8"		
Shepherdspurse	8"	Ryegrass, Annual	8"		
Smartweed, Pennsylvania	10"	Shattercane <sup>c</sup>	18"		
Spurred Anoda	4"	Volunteer Corn <sup>d</sup>	20"		
Tropic Croton	4"	Wild Oats	4"		
Velvetleaf	6"	Wild Proso Millet	10"		
Venice Mallow	4"	Witchgrass	8"		
Wild Buckwheat	5"	Woolly Cupgrass	8"		
Wild Mustard	8"				
Wild Sunflower <sup>c</sup>	8"				
Wild Poinsettia	6"				

\* Rezult can be applied at a maximum rate of 3.2 pints per acre  
<sup>b</sup> AMS can be substituted at 1-2 pounds per acre.  
<sup>c</sup> For regrowth or new germination, follow up 7-10 days later with Basagran<sup>®</sup> herbicide. Refer to Basagran label.  
<sup>c</sup> For regrowth or new germination, a follow-up application of Poast Plus<sup>®</sup> herbicide may be necessary. Refer to Poast Plus label.  
<sup>d</sup> Volunteer corn must be non-SR (Sethoxydim-Resistant). Rezult and Poast Plus will not control volunteer SR (Sethoxydim-Resistant) field corn.

- mixing tank. Wait until all water-soluble PVA bags have fully dissolved and the product is evenly mixed in the spray tank before continuing.
- 5) **Water-dispersible products.** (such as dry flowables, wettable powders, suspension concentrates, or suspo-emulsions).
  - 6) **Water-soluble products.** (open jug and pour complete contents into spray tank)
  - 7) **Emulsifiable concentrates.** (such as oil concentrate when applicable<sup>\*)</sup>).
  - 8) **Rezult herbicide.** Pour entire contents of Duplex<sup>®</sup> Single-Pour container into tank.
  - 9) **Water-soluble additives.** (such as AMS or UAN when applicable).
  - 10) **Remaining quantity of water.** Maintain constant agitation during application.  
<sup>\*</sup>not required with all tank mixes (see Table 2)

**Procedure For Cleaning Spray Equipment**

Clean the sprayer thoroughly before and after applying 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 before or after applying Rezult.

**Step 1:** Thoroughly hose down the inside and outside of the equipment while filling the spray tank half full of water.

Flush the system by operating the sprayer until the system is purged of this rinse water.

**Step 2:** Refill the tank with water while adding 1 gallon of household ammonia, 1 pint of 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.

**Table 2. Rezult® Herbicide Tank Mix Partners**

The following products can be tank mixed with Rezult.

Soybeans	SR® (Sethoxydim-Resistant) Field Corn
Blazer Classic Concert Reflex 2,4-DB	Atrazine Banvel Clarity 2,4-D (LVE)

### V. Tank Mixing Applications

#### Tank Mixes For Soybeans

• **Rezult + Blazer**

A tank mix of **Rezult** plus **Blazer® herbicide** is recommended for additional or improved control of pigweed, ragweed (common and giant), waterhemp (common and tall), morningglories, and black nightshade.

**Rate:** Use the entire contents of this container of **Rezult** mixed with up to 50 ounces of **Blazer** for each 5 acres to be treated.

• **Rezult + Classic**

A tank mix of **Rezult** plus **Classic® herbicide** is recommended for the additional or improved control of wild sunflower.

**Rate:** Use the entire contents of this container of **Rezult** mixed with up to 2.5 ounces (2 1/2 ounces) of **Classic** for each 5 acres to be treated.

• **Rezult + Concert**

A tank mix of **Rezult** plus **Concert® herbicide** is recommended for the additional or improved control of pigweed (non-ALS resistant), lambsquarters, velvetleaf, and wild sunflower.

**Rate:** Use the entire contents of this container of **Rezult** mixed with up to 1.25 ounces (1 1/4 ounces) of **Concert** for each 5 acres to be treated.

• **Rezult + Reflex**

A tank mix of **Rezult** plus **Reflex® herbicide** is recommended for the additional or improved control of pigweed, ragweed (common and giant), tall waterhemp, morningglories, and black nightshade.

**Rate:** Use the entire contents of this container of **Rezult** mixed with up to 50 ounces of **Reflex** for each 5 acres to be treated.

• **Rezult + 2,4-DB**

A tank mix of **Rezult** plus 2,4-DB is recommended for additional or improved control of morningglories.

**Rate:** Use the entire contents of this container of **Rezult** mixed with 5 fluid ounces of 2,4-DB for each 5 acres to be treated.

**Additives**

Adjuvants are needed with these tank mixes to achieve consistent postemergence weed control. The standard label recommendation is 0.5-1 pint (maximum) of oil concentrate per acre plus 1-2 quarts (maximum) of UAN per acre.

AMS can be substituted for UAN (1 pound of AMS equals 1 quart of UAN).

**Note:** With a **Rezult** + 2,4-DB tank mix, use only 1 quart of UAN or 1 pound of AMS per acre. Do not add crop oil concentrate or spray additive as severe crop injury may occur.

#### Tank Mixes For SR® (Sethoxydim-Resistant) Field Corn

• **Rezult + Atrazine**

A tank mix of **Rezult** plus atrazine is recommended for additional or improved control of common cocklebur, common lambsquarters, morningglories, nightshade, pigweed (redroot and smooth), ragweed (common and giant), velvetleaf, waterhemp (common and tall), and wild sunflower. Atrazine will also provide residual weed control.

**Rate:** Use the entire contents of this container of **Rezult** mixed with up to 7.5 pounds of atrazine a.i. for each 5 acres to be treated.

• **Rezult + Banvel or Clarity**

A tank mix of **Rezult** plus **Banvel®** or **Clarity® herbicides** is recommended for additional or improved control of bindweed, (field and hedge), Canada thistle, common lambsquarters, honeyvine milkweed, morningglones, pigweed (redroot and smooth), ragweed (common and giant), waterhemp (common and tall), and wild sunflower.

**Rate:** Use the entire contents of this container of **Rezult** mixed with up to 40 ounces of **Banvel** or **Clarity** for each 5 acres to be treated.

**Additives:** A tank mix of **Rezult** plus **Banvel** or **Clarity** requires the use of 1-2 quarts of UAN or 1-2 pounds of AMS per acre.

Do not add oil concentrate or spray additive with this tank mix as severe crop injury may occur.

• **Rezult + 2,4-D (LVE)**

A tank mix of **Rezult** plus 2,4-D LVE is recommended for additional or improved control of bindweed (field and hedge), Canada thistle, common lambsquarters, morningglories, ragweed (common and giant), and wild sunflower.

**Rate:** Use the entire contents of this container of **Rezult** mixed with up to 40 ounces of 2,4-D LVE (0.25 pounds a.i.) for each 5 acres to be treated.

**Additives:** A tank mix of **Rezult** plus 2,4-D LVE requires the use of 1-2 quarts of UAN or 1-2 pounds of AMS per acre.

Do not add oil concentrate or spray additive with this tank mix as severe crop injury may occur.



## VI. Restrictions and Limitations

Do not apply **Rezult** herbicide to dry beans, soybeans or **SR (Sethoxydim-Resistant) field corn** 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 **Rezult** to dry beans within 30 days of harvest.

In dry beans, do not apply more than 2 pints of **Basagran** herbicide or 4.4 pints of **Poast Plus** herbicide per acre after an application of 3.2 pints of **Rezult** per acre in one season.

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

Do not apply **Rezult** to garbanzo beans or lupines at any stage of growth, as severe crop damage may occur.

Not recommended for use on adzuki beans in California.

Do not apply **Rezult** 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 forage or hay for at least 30 days after the last treatment of **Rezult**.

In soybeans, 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.

Do not apply **Rezult** to corn hybrids which are not specifically labeled as **SR (Sethoxydim-Resistant) field corn** because severe crop injury will occur.

Over-the-top applications of **Rezult** in **SR (Sethoxydim-Resistant) field corn** may be made until the onset of pollen shed. Do not apply **Rezult** after pollination occurs.

Do not apply **Rezult** to **SR (Sethoxydim-Resistant) field corn** within 60 days of harvest of corn grain or fodder.

Do not apply **Rezult** to **SR (Sethoxydim-Resistant) field corn** within 45 days of harvest of corn forage/silage.

In **SR (Sethoxydim-Resistant) field corn**, do not apply more than 2 pints of **Basagran** or 2.9 pints of **Poast Plus** per acre after an application of 3.2 pints of **Rezult** per acre in one season.

Do not graze treated **SR (Sethoxydim-Resistant) field corn** fields for at least 12 days after the last treatment of **Rezult**.

### Restrictions and Limitations for Tank Mixes

#### (partial list)

Always read and follow all label directions when using any pesticide alone or in tank mixes. The most restrictive labeling applies.

Do not apply tank mixes to crops that have been subjected to stress conditions such as drought, flooding, frost or hail damage, high temperature stress or wilt, injury from herbicides or excess fertilizer or soil salts, wind injury, widely fluctuating temperatures, stress symptoms from disease, nematodes or insects, or cold temperatures when maximum daily temperature is below 70° F or soil temperature is below 60° F because weeds will not be actively growing and control may be reduced.

Do not apply tank mixes through any type of irrigation system.

Avoid drift to all other crops and non-target areas.

Follow rotational restrictions as provided on each herbicide's respective labeling.

Thoroughly clean sprayer before and immediately after applying these tank mixes.

For postemergence applications of **Rezult** plus atrazine, if there have been no previous soil applications to that crop, the maximum rate of atrazine from all sources is 2 pounds of atrazine per acre.

If there has been a previous soil application to that crop, do not exceed a total of 2.5 pounds of active ingredient 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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