

7969-194

05-15-2010

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF
CHEMICAL SAFETY AND
POLLUTION PREVENTION

Charles T. Levey
BASF Corporation
Agricultural Products
26 Davis Drive
Research Triangle Park, NC 27709

MAY 19 2010

Subject: Label Amendment – Update with requirements specified in Agency letter dated 8/18/08 (Sethoxydim RED), PRN 2007-4 Residue Removal lang., and a new warranty statement
Product Name: Rezult Herbicide
EPA Registration Number: 7969-194
Decision Number: 429463

The label amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended is acceptable provided that you make the following change to the product labeling:

- 1) Delete “General” from the section heading, “General Information” as this is an implied safety claim and thereby makes all associated language unenforceable. “General” may be replaced with “Product.”

Note: Assure that the maximum application restrictions do not exceed the highest currently registered rate for each appropriate application site.

One copy of the label stamped “Accepted with Comments” is enclosed for your records. Please submit one copy of the final printed label before the product is released for shipment.

Sincerely,

A handwritten signature in black ink, appearing to read "Kathryn V. Montague".

Kathryn V. Montague
Product Manager (23)
Herbicide Branch
Registration Division (7505P)



Result[®]

herbicide

Postemergence herbicide for dry beans, dry peas, peppermint, soybeans, spearmint, Poast Protected[®] field corn and Poast Protected[®] sweet corn

A soluble liquid formulation containing:

Active Ingredient:	
Sodium salt of bentazon*	53%
Other Ingredients:	47%
Total:	100%

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

EPA Reg. No. 7969-194

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 for complete **First Aid, Precautionary Statements, Directions For Use, Conditions of Sale and Warranty**, and state-specific crop and/or use site restrictions.

In case of emergency endangering life or property involving this product, call day or night 1-800-832-HELP (4357).

Net contents:

BASF Corporation
26 Davis Drive, Research Triangle Park, NC 27709

ACCEPTED
with COMMENTS
In EPA Letter Dated:

MAY 19 2010
Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.

7969-194

FIRST AID	
If in eyes	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
If on skin or clothing	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
If swallowed	<ul style="list-style-type: none"> • Call poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • DO NOT induce vomiting unless told to do so by a poison control center or doctor. • DO NOT give anything by mouth to an unconscious person.
HOTLINE NUMBER	
<p>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).</p>	
<p>Note to physician: Probable mucosal damage may contraindicate the use of gastric lavage.</p>	

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** reuse them.

Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables exist, 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/PPE 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

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 1-800-424-9300
 BASF Corporation 1-800-832-HELP (4357)



The Chemical Company

Result[®] herbicide

Postemergence herbicide for dry beans, dry peas, peppermint, soybeans, spearmint, Poast Protected[®] field corn and Poast Protected[®] sweet corn

Active Ingredient:

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

Other Ingredients: 87%

Total: 100%

*Equivalent to 1 pound of sethoxydim per gallon

~~Contains Petroleum Distillate~~

EPA Reg. No. 7969-194

KEEP OUT OF REACH OF CHILDREN CAUTION/PRECAUCIÓN

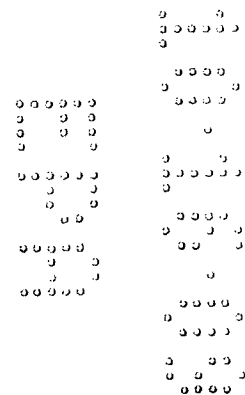
Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand this label, find someone to explain it to you in detail.)

See inside for complete **First Aid, Precautionary Statements, Directions For Use, Conditions of Sale and Warranty**, and state-specific crop and/or use site restrictions.

In case of emergency endangering life or property involving this product, call day or night 1-800-832-HELP (4357).

Net contents:

BASF Corporation
26 Davis Drive, Research Triangle Park, NC 27709



FIRST AID

If swallowed	<ul style="list-style-type: none"> • Immediately call a poison control center or doctor for treatment advice. • DO NOT induce vomiting unless told to do so by a poison control center or doctor. • DO NOT give any liquid to the person. • DO NOT give anything by mouth to an unconscious person.
If on skin or clothing	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
If in eyes	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
If inhaled	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.

HOTLINE NUMBER

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).

Note to physician: May pose an aspiration pneumonia hazard. Contains petroleum distillate.

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, or made of, any water-proof material.
- Shoes plus socks.

Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables exist, 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/PPE 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

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.

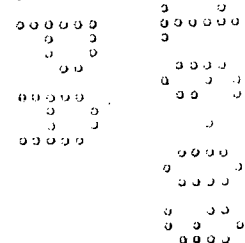
Endangered Species Concerns

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	1-800-424-9300	o o o o o
		o o o o o
BASF Corporation	1-800-832-HELP (4357)	o



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 Statements, Environmental Hazards, Storage and Disposal,** and **Conditions of Sale and Warranty** sections appearing in this booklet.

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

DO NOT apply the contents in the individual compartments of the Rezult container in any combination other than a 1:1 ratio.

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.

General Information

Rezult® herbicide is intended for the postemergence control of a wide spectrum of broadleaf and grass weeds in dry beans, dry peas, peppermint, soybeans, spearmint, **Poast Protected®** field corn, **Poast Protected** sweet corn and field corn or sweet corn grown for **Poast Protected** 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

Nonrefillable Container. DO NOT reuse or refill this container. Triple-rinse or pressure-rinse container (or equivalent) promptly after emptying; then offer for recycling, if available, or reconditioning, if appropriate; or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures approved by state and local authorities.

Triple-rinse containers small enough to shake

(capacity ≤ 5 gallons) as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

Pressure-rinse as follows: Empty the remaining contents into application equipment or mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure-rinsing nozzle in the side of the container and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

Mode of Action

Rezult® herbicide 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 Poast Protected® field corn and Poast Protected sweet corn hybrids are tolerant to Rezult applications. Severe crop injury will occur to corn hybrids not labeled as either Poast Protected field corn or Poast Protected sweet corn.

In dry beans and dry peas, apply **Rezult** early postemergence to actively growing weeds before they reach the maximum size listed in **Table 1**. Apply to dry beans after the first trifoliate leaf has fully expanded and after dry peas have at least three (3) pairs of leaves or four (4) nodes. Applications prior to these stages may result in severe crop injury. Dry bean and dry pea 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 and pea 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, dry snap bean, and dry edible peas (field peas).

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° F and night temperature below 55° F for 2 to 5 days) because weed control may be reduced.

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

Essentially, all grass crops such as sorghum, non-**Poast Protected** 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

Plantback/Rotation Restriction: If replanting or crop rotation is necessary in treated fields, **DO NOT** plant any crop for 30 days following the last application of **Rezult** unless **Rezult**, **Poast® herbicide** or **Poast Plus® herbicide** is registered for use on the crop. If tank mixing with **Ultra 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 for use in **Poast Protected** field corn, or **Poast Protected** sweet 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.

Application Instructions

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**.

DO NOT apply the contents in the individual compartments of the Rezult container in any combination other than a 1:1 ratio.

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

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

In dry beans and dry peas, an additional 2.9 pints of **Poast** per acre per season may be applied after a single application of **Rezult**.

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

In peppermint and spearmint, an additional 3.9 pints of **Poast** per acre may be applied after a single application of **Rezult**.

In **Poast Protected** field corn, an additional 2.9 pints of **Poast Plus** per acre per season may be applied after a single application of **Rezult**.

In **Poast Protected** sweet corn, an additional 1.9 pints of **Poast** per acre per season may be applied after a single application of **Rezult**. The additional application of **Poast** should be made 10 days or later following the application of **Rezult**.

Ground Application. Use a minimum of 10 gallons of water per broadcast acre at 60 psi (measured at the nozzle, 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 to 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® herbicide** by aircraft within 200 feet upwind of ornamental or sensitive nontarget crops such as non-**Poast Protected®** 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.

Additives

Always use 1 to 2 quarts of UAN solution or 1 to 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, predissolve 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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Table 1. Maximum Weed Heights Controlled by Result® herbicide at the labeled rate* in Dry Beans, Dry Peas, Peppermint, Soybeans, Spearmint, Poast Protected® Field Corn and Poast Protected Sweet Corn

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

***Result** can be applied at a maximum rate of 3.2 pints per acre.
^a AMS can be substituted at 1-2 pounds per acre.
^b For regrowth or new germination, follow up 7-10 days later with **Basagran®** herbicide. Refer to **Basagran** label.
^c For regrowth or new germination, a follow-up application of **Poast Plus®** or **Poast®** herbicide may be necessary. Refer to **Poast Plus** and **Poast** labels.
^d Volunteer field and sweet corn must be non-**Poast Protected**. **Result**, **Poast** and **Poast Plus** will not control volunteer **Poast Protected** field corn or volunteer **Poast Protected** sweet corn.

Mixing Order

Duplex® II Mixing

- 1) Fill tank of a thoroughly clean sprayer 1/2 to 2/3 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 to the spray tank. 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 3/4 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 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 suspensions).
- 6) **Water-soluble products** (open jug and pour complete contents into spray tank.)
- 7) **Emulsifiable concentrates** (such as oil concentrate when applicable*).
- 8) **Rezult® herbicide.** Pour entire contents of **Duplex 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.

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

Tank Mixing Applications

The products listed in **Table 2** can be tank mixed with **Rezult**. Read and follow the applicable **Restrictions and Limitations** and **Directions For Use** in this label and the respective labels for products involved in tank mixing. The most restrictive labeling applies to tank mixes.

Additives

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

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

Note: DO NOT add crop oil concentrate as an additive when tank mixing **Banvel® herbicide**, **Clarity® herbicide** or **2,4-D (LVE)** with **Rezult**.

Table 2. Rezult Tank Mix Partners

Crop	Tank Mix Partners	
	Product	Rate of Application (per acre)
Dry Beans	Raptor®	---
	Pursuit®	---
Dry Peas	MCPA	---
	Thistrol®	---
Soybeans	Ultra Blazer®	Up to 10 ozs
	Raptor®	---
	Pursuit®	---
	Classic® Firstrate®	Up to 0.5 oz ---
Peppermint and Spearmint	Buctril®	---
	Sinbar®	---
	Stinger®	---
Poast Protected® Sweet Corn	Atrazine	---
	Basagran®	---
	Outlook®	---
	Guardzman® Max Laddok® S-12	---
Poast Protected Field Corn	Atrazine	---
	Banvel®	Up to 8 ozs
	Clarity® 2,4-D (LVE)	Up to 8 ozs Up to 8 ozs
¹ See Product Label		

Restrictions and Limitations

DO NOT apply **Rezult**[®] herbicide to labeled crops 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 or dry peas within 30 days of harvest.

In dry beans and dry peas, in one season, **DO NOT** apply more than a total of 2 pints per acre of **Basagran**[®] herbicide or more than a total of 2.9 pints per acre of **Poast**[®] herbicide after an application of 3.2 pints per acre of **Rezult**.

DO NOT apply **Rezult** to dry bean fields until beans have at least the first trifoliolate leaf fully expanded or before dry peas have at least 3 pairs of leaves (4 nodes) because severe crop damage may occur.

DO NOT apply **Rezult** to dry peas under stress from root rot.

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 peppermint or spearmint within 20 days of harvest.

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** cut treated soybean fields for hay for at least 30 days after the last treatment of **Rezult**. Only processed meal from seed or hay may be fed to animals.

DO NOT apply the contents in the individual compartments of the **Rezult** container in any combination other than a 1:1 ratio.

In soybeans, in one season, **DO NOT** apply more than a total of 2 pints per acre of **Basagran** or more than a total of 5.9 pints per acre of **Poast Plus**[®] herbicide after an application of 3.2 pints per acre of **Rezult**.

DO NOT apply, in one season, more than a total of 3.2 pints per acre of **Rezult**.

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 **Poast Protected**[®] field corn because severe crop injury will occur.

Over-the-top applications of **Rezult** in **Poast Protected** field corn may be made until the onset of pollen shed.

DO NOT apply **Rezult** after pollination occurs.

DO NOT apply **Rezult** to **Poast Protected** field corn within 60 days of harvest of corn grain or fodder.

DO NOT apply **Rezult** to **Poast Protected** field corn within 45 days of harvest of corn forage/silage.

In **Poast Protected** field corn, in one season, **DO NOT** apply more than a total of 2 pints per acre of **Basagran** or more than a total of 2.9 pints per acre of **Poast Plus** after an application of 3.2 pints per acre of **Rezult**.

DO NOT graze treated **Poast Protected** field corn fields for at least 12 days after the last treatment of **Rezult**.

DO NOT apply **Rezult** to corn hybrids which are not specifically labeled as **Poast Protected** sweet corn because severe crop injury will occur.

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Restrictions and Limitations *(continued)*

Over-the-top applications of **Result**® herbicide in **Poast Protected**® sweet corn may be made until the onset of pollen shed.

DO NOT apply **Result** after pollination occurs.

DO NOT apply **Result** to **Poast Protected** sweet corn within 45 days of harvest of sweet corn grain and fodder.

DO NOT apply **Result** to **Poast Protected** sweet corn within 30 days of harvest of sweet corn forage/silage.

DO NOT apply **Result** to **Poast Protected** sweet corn within 30 days of harvesting fresh sweet corn.

In **Poast Protected** sweet corn, in one season, **DO NOT** apply more than a total of 2 pints per acre of **Basagran**® herbicide or more than a total of 1.9 pints per acre of **Poast**® herbicide after an application of 3.2 pints per acre of **Result**® herbicide. The additional application of **Poast** should be made 10 days or later following the application of **Result**.

DO NOT graze treated **Poast Protected** sweet corn fields for at least 12 days after the last treatment of **Result**.

In peppermint and spearmint, in one season, **DO NOT** apply more than a total of 2 pints per acre of **Basagran** or more than a total of 3.9 pints per acre of **Poast** after an application of 3.2 pints per acre of **Result**.

Plantback/Rotation Restriction: If replanting or crop rotation is necessary in treated fields, **DO NOT** plant any crop for **30 days** following the last application of **Result** unless **Result**, **Poast** or **Poast Plus**® herbicide is registered for use on the crop.

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 **Result** 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.

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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 must be followed carefully. However, it is impossible to eliminate all risks inherently associated with the 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. To the extent consistent with applicable law, 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.

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007969.00112.20090923.NVA 2009-04-033-0152

Based on: NVA 2009-04-033-0150

NVA 2009-04-033-0151

Supersedes: NVA 2004-04-033-0295

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