

Group 1 Herbicide



Rezult[®] G

Postemergence herbicide for dry beans, dry peas, peppermint and spearmint, and soybean

Active Ingredient:

sethoxydim: 2-[1-(ethoxyimino)butyl]-5-[2-(ethylthio)propyl]-

 3-hydroxy-2-cyclohexen-1-one*
 13.0%

 Other Ingredients:
 87.0%

 Total:
 100.0%

*Equivalent to 1 pound of sethoxydim per gallon formulated as an emulsifiable concentrate Contains petroleum distillate

EPA Reg. No. 7969-88

EPA Est. No.

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

Net Contents:

FIRST AID		
If swallowed	 Immediately call a poison control center or doctor. 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	 Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice. 	
If in eyes	 Hold eyes open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after first 5 minutes; then continue rinsing eyes. Call a poison control center or doctor for treatment advice. 	
If inhaled	 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. 	
HOTI INF NUMBER		

HOTLINE NUMBER

Have the product container or label with you when calling a poison control center or doctor or going for treatment. In case of medical emergency involving this product, call BASF Corporation at 1-800-832-HELP (4357) or dial 911.

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)

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 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

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 washwater or rinsate. This product is toxic to aquatic organisms.

Endangered Species Concerns

NOTE: 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.

Directions For Use

It is a violation of federal law to use this product in a manner inconsistent with its labeling. This label must be in possession of the user at the time of herbicide application.

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 requirements specific to your state or tribe, consult the agency responsible for pesticide regulation.

Observe all precautions and limitations in this label and the labels of products used in combination with **Rezult® G herbicide**. Use of **Rezult G** not consistent with this label can result in injury to crops, animals, or persons.

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 or made of any waterproof material
- Shoes plus socks
- Protective eyewear

STORAGE AND DISPOSAL

DO NOT contaminate water, food, or feed by storage or disposal.

Pesticide Storage

DO NOT allow this product to freeze. **DO NOT** store below 32° F or above 100° F. Store in original container only, in a dry place away from heat or open flame. Store in an area separately from feed or foodstuffs.

Pesticide Disposal

To avoid pesticide waste, use all material in this container by application according to label directions. If pesticide waste cannot be avoided, offer remaining product to a waste disposal facility or pesticide disposal program (often such programs are run by state or local governments or by industry).

Container Handling

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.

(continued)

STORAGE AND DISPOSAL (continued)

Container Handling (continued)

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.

Triple rinse containers too large to shake (capacity > 5 gallons) as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank, or store rinsate for later use or disposal. 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.

Refillable Container. Refill this container with pesticide only. **DO NOT** reuse this container for any other purpose. Triple rinsing the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller.

Triple rinse as follows: To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10% full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

When this container is empty, replace the cap and seal all openings that have been opened during use; return the container to the point of purchase or to a designated location. This container must only be refilled with a pesticide product. Prior to refilling, inspect carefully for damage such as cracks, punctures, abrasions, worn-out threads and closure devices. Check for leaks after refilling and before transport. **DO NOT** transport if this container is damaged or leaking. If the container is damaged, or leaking, or obsolete and not returned to the point of purchase or to a designated location, triple rinse emptied container and offer for recycling, if available, or dispose of container in compliance with state and local regulations.

In Case of Emergency

In case of a spill of this product, call:

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

Steps to take if this material is released into the environment or spilled:

- Wear Personal Protective Equipment (PPE) and avoid exposure when managing a spill. (See Precautionary Statements section of this label for required PPE.)
- Dike and contain the spill with inert, absorbent material (e.g., sand, earth) and transfer liquid and solid diking material to separate containers for disposal. Small-scale spills of **Rezult® G herbicide** (that can be cleaned up with a typical spill kit) may be applied to labeled sites.
- Remove contaminated clothing, and wash affected skin areas with soap and water. Wash clothing before reuse.
- •Keep spill out of all sewers and open bodies of water.

Product Information

Use the tank mix application of **Rezult G + Rezult® B herbicide** in dry beans, dry peas, peppermint and spearmint, and soybean for postemergence control of a wide spectrum of broadleaf and grass weeds listed in **Table 1**.

Refer to the **Crop-specific Information** section of this label for recommendations on herbicide tank mixtures and sequential programs.

Table 1. Weeds Controlled by the Tank Mix of Rezult[®] G herbicide + Rezult[®] B herbicide

Weeds	Maximum Weed Height (inches)
Broadleaf	
Balloonvine	3
Beggarticks	8
Bristly starbur	3
Cocklebur	10
Dayflower	8
Groundsel, common	3
Jimsonweed	10
Ladysthumb	10
Lambsquarters, common	2
Marshelder	4
Mayweed/Dogfennel	3
Prickly sida/Teaweed	4
Purslane, common	2

(continued)

Table 1. Weeds Controlled by the Tank Mix of Rezult® G herbicide + Rezult® B herbicide (continued)

Weeds	Maximum Weed Height (inches)		
Broadleaf (continued)			
Radish, volunteer	10		
Ragweed, common	3		
Ragweed, giant	6		
Redweed	8		
Shepherdspurse	8		
Smartweed, Pennsylvania	10		
Spurred anoda	4		
Tropic croton	4		
Velvetleaf	6		
Venice mallow	4		
Wild buckwheat	5		
Wild mustard	8		
Wild poinsettia	6		
Wild sunflower ¹	8		
Grass			
Barnyardgrass	4		
Broadleaf signalgrass	4		
Crabgrass, large	4		
Crabgrass, smooth	4		
Foxtail, giant	4		
Foxtail, green	4		
Foxtail, yellow	4		
Goosegrass	4		
Johnsongrass, seedling	4		
Junglerice	4		
Panicum, browntop	4		
Panicum, fall	4		
Panicum, Texas	4		
Red sprangletop	4		
Ryegrass, annual	4		
Shattercane ²	8		
Volunteer corn	10		
Wild oats	3		
Wild proso millet	8		
Witchgrass	4		
Woolly cupgrass	4		

Table 1. Weeds Controlled by the Tank Mix of Rezult® G herbicide + Rezult® B herbicide (continued)

Weeds	Maximum Weed Height (inches)	
Perennial (top-growth suppression)		
Canada thistle ¹	bud stage	
Johnsongrass ² , rhizome	12	
Quackgrass ²	4	
Wirestem muhly ²	4	
Yellow nutsedge ¹	8	

¹ For regrowth or new germination, make a second application 7 to 10 days later with **Rezult B**.

Mode of Action

The tank mix of **Rezult G** + **Rezult B** is herbicidally effective through both foliar contact and systemic activity. Weeds must be thoroughly covered with spray. Large cropand-weed-leaf canopies shelter smaller weeds and prevent adequate spray coverage.

Crop Tolerance

Essentially all grass crops (e.g. ornamental grass, turfgrass, as well as cereal grain crops such as sorghum, corn, small grains) are susceptible to **Rezult G** + **Rezult B**; therefore, avoid all direct or indirect contact with any grass crop.

Rotational Crops

The tank mix of **Rezult G** + **Rezult B** has no crop rotation restrictions.

Application Instructions

Application Rate and Timing

Tank Mix Application

In a single tank mix application, apply 1.6 pints per acre **Rezult G** plus 1.6 pints per acre **Rezult B** early postemergence to actively growing weeds before they reach the maximum sizes listed in **Table 1**.

DO NOT apply the single tank mix application of Rezult G + Rezult B in any rate combination other than a 1:1 ratio.

In a single application or in one growing season, **DO NOT** exceed the maximum total cumulative tank mix rate of 3.2 pints per acre (1.6 pints per acre **Rezult G** + 1.6 pints per acre **Rezult B**).

Sequential Application

If weeds regrow or new weeds germinate after the initial single tank mix application of **Rezult G** + **Rezult B**, sequential applications of either **Rezult G** or **Rezult B** may be applied in each crop at use rates specified in the **Crop-specific Information** section.

Application Methods and Equipment

Ground Application

Thorough spray coverage is required for control of emerged weeds. Use a minimum spray volume of 10 gallons of water per acre to ensure adequate spray coverage. Use up to 20 gallons of water per acre when crop and weed foliage is dense. **DO NOT** use flood or whirl-chamber nozzles. **DO NOT** use brass nozzles because of the corrosive effects of nitrogen additives.

Aerial Application

Use a minimum spray volume of 5 gallons of water per acre. To obtain uniform coverage and to avoid off-target drift movement, applicators must observe the following requirements:

- **Boom Length** The distance of the outermost nozzles on the boom must not exceed 3/4 the length of the fixed wingspan or 90% of rotor-blade diameter.
- Nozzle Type Use low-drift nozzles such as straightstream (D-8 or larger). DO NOT use nozzles producing a mist droplet spray.
- **Nozzle Orientation** Nozzles must always point backward parallel with the airstream and never be pointed downward more than 45 degrees.
- Application Height Without compromising aircraft safety, apply at a height of 10 feet or less above the crop canopy or tallest plants.

DO NOT apply **Rezult G** + **Rezult B** by aircraft within 200 feet upwind of grasses (ornamental or turfgrass), ornamental plants, or sensitive nontarget crops such as corn, cotton, small grains, sugar beets, or sunflowers.

Cleaning Spray Equipment

Clean application equipment thoroughly by using a strong detergent or commercial sprayer cleaner according to the manufacturer's directions, followed by triple rinsing the equipment before and after applying **Rezult G** + **Rezult B**.

Mixing Order

- 1. **Water** Fill tank 1/2 to 2/3 full with clean water and start agitation.
- 2. **Agitation** Maintain agitation throughout mixing.
- 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.
- Water-soluble additives (including dry and liquid fertilizers such as ammonium sulfate or urea ammonium nitrate)
- Water-dispersible products (such as dry flowables, wettable powders, suspension concentrates, or suspoemulsions)
- 7. Water-soluble products (such as Rezult B)

² For regrowth or new germination, a follow-up application of **Rezult G** may be necessary.

- 8. Emulsifiable concentrates (such as Rezult® G herbicide or crop oil concentrate)
- 9. Remaining quantity of water

Maintain agitation throughout application until spraying is complete. Spray **Rezult G** + **Rezult® B herbicide** within 48 hours after dispensing into the spray tank.

Tank Mixing Information

Rezult G + **Rezult B** may be tank mixed with other registered herbicides according to the specific tank mixing instructions in this label and respective product labels. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Always follow the most restrictive label use directions. Refer to the **Crop-specific Information** section for tank mixing details.

BASF does not recommend the use of **Rezult G** + **Rezult B** in tank mixes other than those listed on BASF labels, supplemental labels, or technical bulletins.

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

Additives

To achieve consistent postemergence weed control when applying the tank mix of **Rezult G** + **Rezult B**, add adjuvants at the following specified rates:

- 0.5 to 1 pint (maximum) of crop oil concentrate (COC) per acre plus 1 to 2 quarts (maximum) of urea ammonium nitrate (UAN) per acre
- Ammonium sulfate (AMS) can be substituted for UAN (1 pound of AMS equals 1 quart of UAN).

Use Precautions

- DO NOT apply to labeled crops under environmental stress or damage, fertility excesses, previous herbicide injury, mechanical injury, or cold temperatures, or crop injury may result.
- **DO NOT** apply to weeds under stress (such as stress because of lack of moisture, previous herbicide injury, mechanical injury, or cold temperatures) when maximum daily temperature is below 70° F or soil temperature is below 60° F, or unsatisfactory control could result.
- DO NOT apply if rainfall or irrigation is expected within one hour following application.
- **DO NOT** apply through any type of irrigation system.
- DO NOT cultivate within 5 days before application or within 7 days after application. Cultivation may put weeds under stress and reduce control. A timely cultivation 7 days after application may provide season-long weed control.

Crop-specific Information

This section provides use directions for the tank mix of **Rezult G + Rezult B** in specific crops. Read **Product Information**, mixing, application, weeds controlled, and adjuvant instructions in the preceding sections of the label. Always read and follow all label directions when using these products alone, or in a tank mix, or in other tank mix combinations. The most restrictive labeling applies when using tank mixes.

Dry Beans and Dry Peas

Apply **Rezult G** + **Rezult B** to dry beans after the first trifoliate leaf has fully expanded and to dry peas after they have at least three (3) pairs of leaves or four (4) nodes. **DO NOT** apply before these growth stages because severe crop injury may occur.

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 (refer to **Use Precautions** section). This temporary injury is generally outgrown without delaying podset or maturity, or reducing yield. Using COC with **Rezult G** + **Rezult B** may increase injury and may reduce yield.

Tolerant bean and pea types are:

adzuki bean, black turtle soup bean, cranberry bean, dry lima bean, dry snap bean, great northern bean, kidney bean, navy bean, pink bean, pinto bean, red bean, white bean, and dry edible peas (field peas).

In western irrigated dry bean areas, it may be necessary to irrigate before application of **Rezult G + Rezult B** to ensure weeds are actively growing. In this irrigated area, avoid applying **Rezult G + Rezult B** 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.

Sequential Application

In dry beans and dry peas, an additional 2.9 pints per acre of **Rezult G** or 2.0 pints per acre of **Rezult B** may be applied after the initial single tank mix application of **Rezult G** + **Rezult B**.

Crop-specific Restrictions and Limitations

- After the single tank mix application of Rezult G +
 Rezult B, DO NOT apply more than 2.9 pints per acre of
 Rezult G or 2.0 pints per acre of Rezult B in one season
 to dry beans or dry peas.
- DO NOT apply Rezult G + Rezult B to dry peas under stress from root rot.
- DO NOT apply Rezult G + Rezult B to garbanzo beans or lupins at any stage of growth or severe crop damage may occur.
- **DO NOT** apply **Rezult G** + **Rezult B** to dry beans or dry peas within 30 days of harvest.

 DO NOT use Rezult[®] G herbicide + Rezult[®] B herbicide on adzuki beans in California.

Tank Mixtures

The following herbicides may be tank mixed with **Rezult G** + **Rezult B**:

- Dry beans only Pursuit[®] herbicide, Raptor[®] herbicide
- Dry peas only MCPA

Peppermint and Spearmint

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

Sequential Application

In peppermint and spearmint, an additional 3.9 pints per acre of **Rezult G** or 2.0 pints per acre of **Rezult B** may be applied after the initial single tank mix application of **Rezult G** + **Rezult B**.

Crop-specific Restrictions and Limitations

- After the single tank mix application of Rezult G +
 Rezult B, DO NOT apply more than 3.9 pints per acre of
 Rezult G or 2.0 pints per acre of Rezult B in one season
 in peppermint or spearmint.
- DO NOT apply Rezult G + Rezult B to peppermint or spearmint within 20 days of harvest.

Soybean

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

Sequential Application

In soybean, an additional 5.9 pints per acre of **Rezult G** or 2.0 pints per acre of **Rezult B** may be applied after the initial single tank mix application of **Rezult G** + **Rezult B**.

Crop-specific Restrictions and Limitations

- After the single tank mix application of Rezult G +
 Rezult B, DO NOT apply more than 5.9 pints per acre of
 Rezult G or 2.0 pints per acre of Rezult B in one season
 in sovbean.
- **DO NOT** apply **Rezult G** + **Rezult B** to soybeans within 75 days of harvest.
- **DO NOT** graze treated soybean fields.
- 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 G + Rezult B**.

Only processed meal from seed or hay may be fed to animals.

Tank Mixtures

The following herbicides may be tank mixed with **Rezult G** + **Rezult B**:

- Pursuit
- Raptor

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.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BASF MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BUYER'S EXCLUSIVE REMEDY AND BASF'S EXCLUSIVE LIABILITY, WHETHER IN CONTRACT, TORT, NEGLIGENCE, STRICT LIABILITY, OR OTHERWISE, SHALL BE LIMITED TO REPAYMENT OF THE PURCHASE PRICE OF THE PRODUCT.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BASF AND THE SELLER DISCLAIM ANY LIABILITY FOR CONSEQUENTIAL, EXEMPLARY, 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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007969-00088,20140314.**NVA 2014-04-033-0073**

Based on: NVA 2013-04-026-0010 NVA 2013-04-033-0186

Supersedes: NVA 2009-04-033-0151

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