Section 24c — For distribution and use only within Idaho
SLN No. ID-960008

Basagran®
herbicide
For use on alfalfa grown only for seed

Basagran EPA Reg. No. 7969-45

All applicable directions, restrictions, precautions and Conditions of Sale and Warranty on the EPA-registered label are to be followed. This labeling must be in the possession of the user at the time of herbicide application.

Directions For Use
It is a violation of federal law to use this product in a manner inconsistent with its labeling.
Read the precautionary statement, **Environmental Hazards, Storage and Disposal** statements, and **Conditions of Sale and Warranty** statement appearing on the container label.

General Information
Basagran® herbicide is intended for selective postemergence control of certain broadleaf weeds.

Basagran does not control grasses. **Basagran** is effective mainly through contact action; therefore weeds must be thoroughly covered with spray. Large crop-and-weed leaf canopies shelter smaller weeds and prevent adequate spray coverage. Seed alfalfa is tolerant to **Basagran**, however some leaf-speckling, leaf-bleaching, or whitening and temporary stunting may occur under certain conditions. Applications made at or after flower bud formation may reduce seed yeilds.

Timing of Applications
At application, alfalfa must have at least 2 trifoliate leaves and have no flower bud formation. Make postemergence applications of **Basagran** early, when weeds are small and actively growing and before weeds reach the maximum size listed.

Early application to weeds produces the most beneficial effect or weed control and makes il easier to obtain thorough spray coverage. Delay in application which permits weeds to exceed the maximum size stated will result in inadequate control.

Water Volume and Spray Pressure
Apply the recommended rate of **Basagran** as follows:
Ground equipment: Use a minimum of 20 gallons of water per broadcast acre and a minimum of 40 psi pressure (measured at the boom not at the pump or in the line). When crop and weed foliage is dense use up to 50 gallons of water and up to 80 psi pressure. Use standard high pressure pesticide hollow cone or flat fan nozzles spaced 20 inches apart. Do not use hood, whirl chamber, or controlled droplet applicator (CDA) nozzles.
Air Equipment: Use a minimum of 5 gals. of water per acre and a maximum of 40 psi pressure. Use only diaphragm-type nozzles producing cone or fan spray patterns.

Aerial Application — Special Directions
To obtain uniform coverage and to avoid drift hazards, the following application equipment and practices should be used.
Nozzle height: Maximum of 10 feet above crop
Nozzle orientation: Nozzles must be oriented so as to discharge straight back with the air stream (opposite the direction of travel of the aircraft) or at some angle between straight back and straight down. Nozzles must not be located further out than three-fourths the distance from the center of the aircraft to the end of the wing or rotor.

Do not apply **Basagran** by aircraft while wind is blowing at a velocity above 7 mph. Coarse sprays (larger droplets) are less likely to drift. Do not apply **Basagran** by air if ornamentals or sensitive nontarget crops such as sugarbeets, lentils, lupines, strawberries, sunflowers, or okra are within 200 feet downwind. Applicator must follow the most restrictive use cautions to avoid drift hazards including those found in this labeling as well as applicable state and local regulations and ordinances.

Special Information for Irrigated areas
In irrigated areas it may be necessary to irrigate prior to treatment with **Basagran** to ensure that weeds are growing actively. Weeds growing under drought conditions usually are not satisfactorily controlled.

Addition of Oil Concentrate
A nonphytotoxic oil concentrate (commonly referred to as oil concentrate) should always be added to the spray tank. The oil concentrate must contain either a petroleum or vegetable oil base and must meet the following criteria:
1) be nonphytotoxic,
2) contain only EPA-exempt ingredients,
3) provide good mixing quality in the jar test, and
4) be successful in local experience.

The exact composition of suitable products will vary; however, vegetable and petroleum oil concentrates should contain emulsifiers that provide good mixing quality. For vegetable oil concentrates, it has been observed that highly refined vegetable oils are more satisfactory than unrefined vegetable oils.

With the addition of oil concentrate to **Basagran** on seed alfalfa, a slight leaf burn or temporary stunting may occur, but all new growth is normal. The potential for leaf burn is increased when relative humidity and temperature are high. A few oil concentrates have exhibited excessive leaf burn. Refer to your supplier of **Basagran** for information concerning successful local experience prior to purchasing any oil concentrate.
For additional information, see **Jar Test For Estimating Suitability of Oil Concentrate.**

Rate of Oil Concentrate
Ground application: 2 pints per acre (maximum)
Air application: 1 pint per acre (maximum)

Jar Test for Estimating Suitability of Oil Concentrate

1. **Water Supply:** Use only water from intended source and at the source temperature.
2. **Amount of Water in Jar:** For 20 gallons per acre spray volume, use 3 1/3 cups (800 ml) of water.
   For 10 gallons per acre spray volume, use 1 2/3 cups (400 ml) of water.
   For 5 gallons per acre spray volume, use 5/6 cup (200 ml) of water.
   For other spray volumes, adjust proportionately to above.
3. **Amount of Herbicide and Oil Concentrate to Add:** Add herbicide and oil concentrate at the rate of 1 teaspoon (5 ml) for each pint recommended label rate.
4. Add components in following sequence, gently mixing between component additions:
   1) **Basagran**
   2) Oil concentrate
5. Cap jar, invert 10 cycles, let stand for 15 minutes, evaluate.
6. **Evaluation:**
   An ideal tank mix combination will be uniform, thus, the suitability of the oil concentrate is questionable if any of the following are observed:

Free oil at the surface - film or globules.
Flocculation - fine particles which may be suspended in the liquid or found as a precipitated layer at the bottom of the jar.
Clabbering - thickening texture (coagulated) resembling yogurt or curd-like texture, such as that of cottage cheese.

Mixing/Spraying
Fill tank of a thoroughly clean sprayer half to two-thirds full with clean water. Start agitation and add **Basagran**; allow to mix thoroughly. Add oil concentrate and remaining volume of water. Maintain constant agitation during application.

Restrictions and Limitations
For use only on fields in production of alfalfa seed. Not for use on fields producing alfalfa for livestock feed. No portion of the treated field, including seed, seed screenings, hay, forage, or stubble, may be used for human or animal feed.

Producers of alfalfa seed who use **Basagran** or cause the product to be used on fields they operate, are required to inform, in writing, conditioners receiving seed produced on treated fields of the product's use. A copy of this labeling is required to be provided to the conditioner by the producer.

Use of **Basagran** according to this labeling is deemed a non-food use.

Treated alfalfa is not to be used for sprouting. All seed alfalfa treated with **Basagran** is to be tagged at the conditioning plant "Not for human or animal consumption."

The processor must dispose of all seed screenings in such a way that they cannot be distributed or used for food or feed.

Do not apply **Basagran** if alfalfa shows injury (leaf phytotoxicity and/or plant stunting) produced by any other prior herbicide applications, because this injury may be enhanced and/or prolonged.

Do not apply **Basagran** during prolonged periods of drought or during unseasonably cold weather, as unsatisfactory control may result.

Weeds Controlled	Application Rates for Weed Growth Stage					
	1 Pint Per Acre		1.5 Pints Per Acre		2 Pints Per Acre	
	Leaf Stage	Maximum Height (inches)	Leaf Stage	Maximum Height (inches)	Leaf Stage	Maximum Height (inches)
Common Lambsquarters†	2-4	1	4-6	1 1/2	6-8	2
Common Purslane	—	—	2-4	1	4-6	2
Hairy Nightshade††	—	—	—	—	2-6	4
Maywood/Dogfennel	—	2	—	3	—	4
Shepherdspurse†††	—	—	2-6	4	6-10	8
Volunteer radish	—	—	2-6	4	6-10	10
Volunteer sugarbeets	—	—	2-4	—	4-8	—
Wild Mustard	2-4	2	4-6	4	6-10	10
Wild Sunflower	1-2	3	2-4	5	4-6	8

† Control requires the addition of 1-2 pints per acre of oil concentrate (2 pints maximum per acre).
†† Basagran does not adequately control black nightshade.
††† Do not treat rosette before seed stalk appears.

Canada Thistle.
Apply 2 pints of **Basagran** per acre when plants are from 8 inches tall to the bud stage.
Make a second application at the same rate 7-10 days later.

Rainfall or overhead irrigation soon after application (within 8 hours) may nullify the effectiveness of **Basagran**.

Do not apply this product through any type of irrigation system.

Clean sprayer thoroughly prior to application of **Basagran**, particularly if a herbicide was used which has the potential to injure the crop to be sprayed with **Basagran**.

Do not apply when weather conditions favor drift from treated areas.

Do not apply more than a total of 4 pints of **Basagran** per acre in one season.
One pint of **Basagran** contains 0.5 pound of bentazon active ingredient (a.i.). Do not apply more than a total of 2.0 pounds of bentazon a.i. (from all sources) per acre, per calendar year.

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.

Storage and Disposal
Do not allow product to freeze.
Do not contaminate water, food or feed by storage or disposal.
Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.
Triple rinse 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.

BASF does not recommend the use of **Basagran** tank mixes other than those listed on BASF labels, supplemental labels, or technical bulletins. Reduced efficacy, physical incompatibility, or crop injury may result from mixing **Basagran** with other pesticides, additives, or fertilizers. Local agricultural authorities may be a source of information when using other than BASF recommended combinations.

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

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