

7969-78

12-28-2007

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U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division (7505P)  
1200 Pennsylvania Ave., N.W.  
Washington, D.C. 20460

EPA Reg. Number:

Date of Issuance:

7969-78

12-28-07

Term of Issuance:

Name of Pesticide Product:

Basagran M60 herbicide

NOTICE OF PESTICIDE:

Registration  
 Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

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

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.

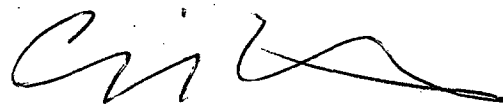
Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of 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 reregistered in accordance with FIFRA section 4(g)(2)(C) provided you agree in writing to:

1. To the PPE change "Applicators and other handlers must wear" to "Mixers, loaders, applicators, and other handlers must wear", and "protective eyewear" to "protective eyewear (goggles or face shield)".
2. To the label add "Aerial Application is Prohibited".
3. Add "exist" after "washables" on page 2 of the label.
4. Change the Environmental Hazards to "This pesticide may be toxic to fish, aquatic invertebrates and aquatic plants. Do not apply directly to water, 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. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. Runoff of this product will be reduced by avoiding applications when rainfall is forecasted to occur within 48 hours. This chemical has properties and characteristics associated with chemicals detected in groundwater. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.”.

5. To the Agricultural Use Requirements box change add “made of any waterproof material” after “chemical resistant gloves”.
6. To the label add a Non Agricultural Use Requirements box and the appropriate accompanying language and “Do not enter or allow others to enter the treated area until sprays have dried.”.
7. To the label add “SPRAY DRIFT MANAGEMENT” “Avoiding spray drift at the application site is the responsibility of the applicator. The interaction of many equipment-and-weather-related factors determine the potential for spray drift. The applicator and the grower are responsible for considering all these factors when making decisions. Apply only as a medium or coarser spray (ASAE standard 572) or a volume mean diameter of 300 microns or greater for spinning atomizer nozzles. Apply only when the wind speed is 2-10 mph at the application site. Do not apply with a nozzle height greater than 4 feet above the crop canopy.”.
8. To the label add “Do not apply more than two applications per year with a minimum retreatment interval of 21 days.”.
9. To the warranty change “To the extent permitted by law” to “To the extent consistent with applicable law”.

|   |                              |
|---|------------------------------|
| <p>Signature of Approving Official:</p>  <p>Erik Kraft Acting Team Leader 23<br/>Herbicide Branch, Registration Division (7505P)</p> | <p>Date:</p> <p>12-28-07</p> |
|---|------------------------------|

EPA Form 8570-6

You will submit one copy of your final printed labeling before you release the product for shipment. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). A stamped copy of labeling is enclosed for your records.

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# Basagran<sup>®</sup> M60 herbicide

## Postemergence Herbicide

For postemergence use on athletic fields, cemeteries, golf courses, parks, residential and nonresidential lawns, sod farms, roadsides, and rights-of-way.

A soluble liquid formulation containing:

### Active ingredient:

Sodium salt of bentazon\* (3-(1-methylethyl)-1H-2,1,3-benzothiadiazin-4-(3H)-one 2,2-dioxide).....37.0%

Dimethylamine salt of MCPA\* (2-,methyl-4-chlorophenoxyacetic acid).....6.2%

**Inert ingredients** .....56.8%

**Total** .....100.0%

\*Equivalent to 3.3 pounds bentazon per gallon and 0.5 pounds MCPA per gallon.

EPA Reg. No. 7969-78

EPA Est. No. \_\_\_\_\_

**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 the label, find someone to explain it to you in detail.)

See inside booklet for complete **First Aid, Precautionary Statements, Directions for Use and Conditions of Sale and Warranty.**

**Net contents: 1 gallon**

Product of Germany

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

ACCEPTED  
with COMMENTS  
in EPA Letter Dated

12-28-07

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

7969-78



The Chemical Company

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| <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 the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center 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>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>• Do not give any liquid to the person.</li> <li>• Do not give anything by mouth to an unconscious person.</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 by mouth-to-mouth, if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>                                   |
| <b>HOT LINE NUMBER</b>  |   |
| Have the product container 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 gastric lavage.  |   |

## Precautionary Statements

### Hazards to Humans (and Domestic Animals)

**DANGER:** Corrosive. Causes irreversible eye damage. Do not get in eyes or on clothing. Wear protective eyewear. Harmful if swallowed, inhaled, or absorbed through skin. Avoid contact with skin. Avoid breathing spray mist. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

### Personal Protective Equipment (PPE)

Some materials that are chemically resistant to this product are listed below. For more options, refer to category C 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, butyl rubber, nitrile rubber, neoprene rubber, polyvinyl chloride, or viton ≥14 mils
- Shoes plus socks
- Protective eyewear

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

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

### 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

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170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

**IMPORTANT:** When reduced PPE is worn because a closed system is being used, handlers must be provided all PPE specified above for "applicators and other handlers" and have such PPE immediately available for use in an emergency, such as a spill or equipment break-down.

| <b>User Safety Recommendations</b>  |
|---|
| <p><b>Users should:</b></p> <ul style="list-style-type: none"><li>• Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.</li><li>• Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.</li><li>• 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.</li></ul> |

**Environmental Hazards**

Most cases of groundwater contamination involving phenoxy herbicides such as MCPA have been associated with mixing/loading and disposal sites. Caution should be exercised when handling MCPA pesticides at such sites to prevent contamination of groundwater supplies. Use of closed systems for mixing or transferring this pesticide will reduce the probability of spills. Placement of the mixing/loading equipment on an impervious pad to contain spills will help prevent groundwater contamination.

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. 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. When cleaning equipment, do not pour wash water on the ground; spray or drain over a large area away from wells and other water sources.

To determine whether your county has an endangered species, consult the website <http://www.epa.gov/espp/usa-map.htm>.

Endangered Species Bulletins may also be obtained from Extension offices or state pesticide agencies. If the bulletin is not available for your specific area, check with the appropriate local state agency to determine if known populations of endangered species occur in the area to be treated.

**Directions for Use - All Sites**

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

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requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

### 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 intervals. 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.
- Shoes plus socks.
- Protective Eyewear

### Pesticide Storage and Disposal

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

**Pesticide Storage:** Do not allow 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:** 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 reuse empty container.

### In Case of Emergency

In case of large-scale spillage regarding this product, call:

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

In case of medical emergency regarding this product, call:

1. Your local doctor for immediate treatment.
2. Your local poison control center (hospital).
3. BASF Corporation 800-832-HELP

# Established Turf

## General Information

**Basagran M60** may be used on established bluegrass, fescue, bentgrass, Bermuda grass, bahiagrass, centipede grass, zoysiagrass, ryegrass, St. Augustine grass, carpet grass, and buffalo grass.

**Basagran M60** is intended for selective postemergence control of broadleaf weeds, annual sedges, and yellow nutsedge. **Basagran M60** does not control grasses. **Basagran M60** is effective mainly through contact; therefore, all plants must be thoroughly covered with spray.

Weeds controlled by **Basagran M60** in turf, are annual sedges, yellow nutsedge, spurweed/lawn burweed, lambsquarters, Venice mallow, shepherdspurse, smartweed, chickweed, common groundsel, ladythumb, jimsonweed, galinsoga, common purslane, cocklebur, beggarticks, wild mustard, wild poinsettia, wild buckwheat, velvetleaf, Canada thistle, and must thistle.

Weeds suppressed by **Basagran M60** include: common ragweed, giant ragweed, wild sunflower, and morningglory.

Some weeds not controlled include: purple nutsedge, pigweed, plantain, dandelion, onion/garlic, wood sorrel, and spurge.

## Application Information

Apply **Basagran M60** postemergence to actively growing weeds under good soil moisture conditions. If desired control of yellow nutsedge or Canada thistle is not obtained with the first application, make a second application 10-21 days later or when new growth appears.

In the northern United States, yellow nutsedge can emerge from May through July; whereas in the southern United States, nutsedge and broadleaf weeds can emerge throughout the year. Therefore, initial applications should be planned when most plants have emerged. If new plants emerge later in the season, make a second application of **Basagran M60** according to the label directions. In un-mowed turf, make the first application after emergence but before yellow nutsedge, annual sedge, and Canada thistle are 8 inches tall. Annual broadleaf weeds should be no taller than 4 inches. Thorough spray coverage of yellow nutsedge is essential for maximum control.

For optimum control, do not mow within 3 days before or after application. For sedges, do not mow within 5 days of application.

Use a minimum water volume of 1 gallon per 1,000 square feet (40 gallons per acre) with a minimum pressure measured at the nozzle of 30-40 psi.

**Application Rate:** See Table 1 for application rate of **Basagran M60**.

**Table 1. Application Rate Table for Turf <sup>a</sup>**

| Area to be Sprayed        | 200 sq. ft.                            | 400 sq. ft                             | 1,000 sq. ft.                  | 1 acre          |
|---------------------------|--|--|--------------------------------|-----------------|
| <b>Basagran M60</b>       | 1.1 teaspoon                           | 2.2 teaspoons                          | 5.5 teaspoons<br>(0.9 fl. oz.) | 2.4 pints       |
| <b>Water <sup>b</sup></b> | 0.2 - 0.4 gallons<br>(1.6 - 3.2 pints) | 0.4 - 0.8 gallons<br>(3.2 - 6.4 pints) | 1 - 2 gallons                  | 40 - 80 gallons |

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<sup>a</sup> For yellow nutsedge, apply no more than 0.9 fluid ounces per 1,000 square feet (2 pints per acre) at one time. Make a second application 10-21 days later.

<sup>b</sup> Quantity of water required to uniformly spray this area with your sprayer. If unknown, refer to section **Sprayer Calibration Suggestions**.

## Addition of Oil Concentrate

A non-phytotoxic oil concentrate (commonly referred to as oil concentrate) may be added to the spray tank for certain weed problems. The oil concentrate must contain either a petroleum or vegetable oil base and must meet all the following criteria:

- be non-phytotoxic,
- contain only EPA-exempt ingredients,
- provide good mixing quality in the jar test (see below),
- be successful in local experience.

The exact composition of suitable products will vary, however, vegetable and petroleum oil concentrates should contain emulsifiers to provide good mixing quality. Highly refined vegetable oils have been observed to be more satisfactory than unrefined vegetable oils. For additional information, see **Jar Testing for Estimating Suitability of Oil Concentrates** at the end of this section.

Adding oil concentrate to **Basagran M60** herbicide may cause a slight leaf burn when relative humidity and temperature are high. Refer to your supplier of **Basagran M60** for information concerning successful local experience before purchasing any oil concentrate.

## Rate of Oil Concentrate

Use 0.75 fluid ounce per 1,000 square feet or 2 pints per acre.

### Jar Testing for Estimating Suitability of Oil Concentrates:

1. **Water Supply:** Use only water from the intended source at the source temperature.
2. **Amount of Water in Jar:** Ground Application: For 1 gallon per 1,000 square feet spray volume, use 6 2/3 cups (1600 ml) of water. For other spray volumes, adjust proportionately to above.
3. **Amount of herbicide and oil concentrate to add:** Add 2 teaspoons each of herbicide and oil concentrate for each 0.75 fluid ounce per 1,000 square feet of recommended label rate.
4. Add components in the following sequence, gently mixing between additions:
  1. **Basagran M60**
  2. Tank mix product, if used
  3. Oil concentrate
5. Cap jar, invert 10 cycles, let stand for 15 minutes, evaluate.
6. **Evaluation:** An ideal tank mix combination will be uniform. 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.



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Clabbering - thickening texture (coagulated) resembling yogurt or a curd-like texture as with cottage cheese.

## Spray Equipment

Hand-held pump-up, knapsack, or hose-end type sprayers are suitable for applying **Basagran M60**.

Do not spray during windy conditions because spray drift may cause damage to adjacent ornamental plants. Rinse equipment with soap and water after use.

## Mixing

Fill the tank of a thoroughly clean sprayer one-half to two-thirds full of clean water. Start agitation, add **Basagran M60**, and allow the components to mix thoroughly. Add oil concentrate and the remaining volume of water. Maintain constant agitation during application.

Mix only enough spray solution for one usage. A fresh spray mixture should be used each time.

## Sprayer Calibration Suggestions - Hand Sprayers:

1. Stake off a 400 square foot area of turf for practice. This is an area 20' x 20'.
2. Add a measured quantity (1.5 gallons for example) of water to the sprayer and uniformly spray the 400 square foot area. Measure water remaining to determine the amount applied per 400 square foot area. (Note: A minimum of 3 pints per 400 square feet is recommended).
3. Prepare the spray solution according to **Table 1. Application Rates for Turf.**

**Example:** Assume that in Step 2 the 400 square foot area was uniformly covered with 0.5 gallon of water. Referring to the table, add 2.2-4.4 teaspoons of **Basagran M60** per 0.5 gallon of water for each 400 square foot of turf to be sprayed. (**Note:** Using this mix to spot spray individual weeds may result in an excessive dosage and possible turf injury.)

## Hose-end Applicator

A procedure similar to the above may be followed for calibrating hose-end sprayers. Half-fill container with water to an even mark on the "gallons" scale and note the gallonage level. Spray the 400 square foot area, noting the new reading, and thereby determine the amount of water used to spray the area. Then proceed as in Step 3 above. Clean applicator with ammonia soap and water. Then rinse.

## Restrictions and Limitations

Do not apply **Basagran M60** to turf that has been under stress such as drought, cold temperature or injury from other herbicides or pesticides.

Do not apply **Basagran M60** to any newly seeded or newly sprigged turf until seedlings or sprigs are well established, as injury may result.

Do not use on golf course greens or collars.

Do not apply more than 1.8 fluid ounces of **Basagran M60** per 1000 square feet (4.8 pints per acre) in one season.

Do not exceed a total of 2 pound of active ingredient (bentazon) per acre per application or 2 pounds of active ingredient (bentazon) per acre per season. One pint of **Basagran M60**

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contains 0.41 pounds of bentazon and one pint of Prompt 5L herbicide contains 0.31 pounds of bentazon.

Do not use on ryegrass.

Do not apply under ornamental plants or trees with shallow or exposed roots as injury may result.

Rainfall or sprinkler irrigation within 8 hours after application may reduce the effectiveness of **Basagran M60**.

Physical incompatibility, reduced weed control or turf injury may result from mixing **Basagran M60** with pesticides (fungicides, herbicides, insecticides or miticides), additives or fertilizers.

BASF does not recommend use of **Basagran M60** tank mixes other than those listed on BASF labels, supplemental labeling, or technical bulletins.

Local professional authorities may be a source of information when using other than BASF recommended combinations. Otherwise, test a small area of the site with the desired tank mix combination and allow 7-10 days to evaluate the potential for injury. Do not apply **Basagran M60** plus an oil concentrate with other pesticides whose labels caution against their use with oil adjuvant.

Clean the sprayer thoroughly before applying **Basagran M60**, particularly if a herbicide with the potential to injure the turf to be sprayed with **Basagran M60** was previously used.

When treating turf with **Basagran M60**, avoid over-the-top spraying of adjacent ornamental trees, shrubs, and flowers. Spraying near the base of established ornamental trees, shrubs, and flowers may result in injury.

### **Recommended Tank Mixes with Basagran M60 — Established Turf**

To obtain postemergence control of other broadleaf weeds or sedges not listed on this label, other products registered for use in turf may be tank mixed with **Basagran M60**. Other products that may be tank mixed are **Prompt® 5L Herbicide**, **Image®**, and **Turflon®** herbicides, MSMA, atrazine, 2,4-D, and mixes of 2,4-D, MCPP (mecoprop) or 2,4-DP (dichlorprop). Some of these products cannot be used on all turf sites or species. Refer to the respective product labels for site and species restrictions.

Check the compatibility of the potential tank mix product before mixing with **Basagran M60** in the spray tank. An antifoaming agent may be used if needed. **Do not use a surfactant or oil additive with 2,4-D, MCPP, or 2,4-DP.**

Read each tank mix product label for **Directions For Use, Precautionary Statements, and Restrictions and Limitations**. The most restrictive labeling applies in all tank mixes.

## **Non-crop Sites, Roadsides, and other Rights-of-Ways**

### **General Information**

**Basagran M60** is intended for selective postemergence control of certain broadleaf weeds and sedges. (See Table 2 for specific weeds.) **Basagran M60** does not control grasses. **Basagran M60** is effective mainly through contact action; therefore, weeds must be thoroughly covered with spray. Large weed leaf canopies shelter smaller weeds and prevent adequate spray coverage. Some leaf speckling and leaf bronzing may occur under certain conditions. (See **Restrictions and Limitations** section.)

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## Rate and Timing of Application

Apply **Basagran M60** postemergence when weeds are small and actively growing and before they reach the maximum size listed in **Table 2**. Early application to weeds produces the most beneficial weed control (exception: yellow nutsedge and Canada thistle). Delaying application permits weeds to exceed the maximum size stated and will result in inadequate control. See **Application Rate Table 2**

Do not cultivate or mow within 5 days before or after applying **Basagran M60**.

**Basagran M60** may be used in these sites where grass vegetation must be maintained. Avoid drift onto the vegetation as injury may occur. A water volume sufficient to obtain adequate coverage of the weed should be used. Do not make applications to open-waters.

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**Table 2. Application Rate Table for Non-crop Sites, Roadsides and Rights-of Ways**

| Weeds Controlled <sup>a</sup>       | Application Rates for Weed Growth Stage                    |                         |
|-------------------------------------|--|-------------------------|
|                                     | 0.9 fluid ounces per 1000 square feet (2.4 pints per acre) |                         |
|                                     | Leaf Stage   | Maximum Height (inches) |
| Anoda, Spurred                      | Up to 8  | 4                       |
| Balloonvine                         | Up to 6  | 3                       |
| Beggarticks                         | Up to 8  | 8                       |
| Bristly Starbur                     | Up to 6  | 3                       |
| Buckwheat, Wild                     | Up to 6  | 5                       |
| Cocklebur                           | Up to 10   | 10                      |
| Coffee Senna                        | Up to 1 Pinnate <sup>c</sup>                               | 2                       |
| Dayflower                           | Up to 10   | 8                       |
| Devilsclaw                          | Up to 6 <sup>c</sup>                                       | 3                       |
| Galinsoga                           | Cotyledon to 6 <sup>c</sup>                                | 2                       |
| Groundsel, Common                   | Up to 10   | 6                       |
| Jimsonweed                          | Up to 10   | 10                      |
| Ladysthumb                          | Up to 10   | 10                      |
| Lambsquarters <sup>d</sup> , Common | Up to 8 <sup>c</sup>                                       | 2                       |
| Mustard, Wild                       | Up to 10   | 8                       |
| Pennsylvania Smartweed              | Up to 10   | 10                      |
| Poinsettia, Wild                    | Up to 8 <sup>c</sup>                                       | 6                       |
| Prickly Sida or Teaweed             | Up to 8  | 4                       |
| Purslane, Common                    | Up to 6  | 2                       |
| Ragweed, Common                     | Up to 6 <sup>c</sup>                                       | 3                       |
| Ragweed, Giant <sup>a</sup>         | Up to 4  | 6                       |
| Redweed                             | Up to 10   | 8                       |
| Sesbania                            | Up to 5 <sup>c</sup>                                       | 3                       |
| Shepherdspurse <sup>f</sup>         | Up to 10   | 8                       |
| Spurweed / Lawn burweed             | Up to 6  | 3                       |
| Sunflower, Wild                     | Up to 6  | 8                       |
| Tropical Croton                     | Up to 4  | 4                       |
| Velvetleaf                          | Up to 6 <sup>c</sup>                                       | 5                       |
| Venice Mallow                       | Up to 10   | 4                       |

<sup>a</sup> For additional weeds see **Special Directions** section.

<sup>b</sup> Do not treat earlier than leaf stage shown and do not count cotyledon leaves.

<sup>c</sup> Add oil concentrate at 0.75 fluid ounces per 1,000 square feet (2 pints per acre).

<sup>d</sup> Control may be partial or inconsistent.

<sup>e</sup> If after the first application a second weed flush develops, retreat according to this rate table.

<sup>f</sup> Do not treat rosette before seed stalk appears.

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## Special Directions for Other Weed Problems

**Canada Thistle:** Apply 0.9 fluid ounces of **Basagran M60** per 1,000 square feet (2.4 pints per acre) when plants are from 8 inches tall to the bud stage. Make a second application at the same rate 7-14 days later.

**Yellow Nutsedge:** Two applications are preferred for best results. Apply 0.9 fluid ounces of **Basagran M60** per 1,000 square feet (2.4 pints per acre) when plants are 6-8 inches tall. If needed, make a second application at the same rate 10-21 days later. Add oil concentrate to the spray solution of **Basagran M60** and water for each application, according to the **Directions for Use**.

**Musk Thistle:** Apply 0.9 fluid ounces of **Basagran M60** per 1,000 square feet (2.4 pints per acre) when plants are in the rosette stage no larger than 10 inches in diameter. Make a second application at the same rate if needed. Add oil concentrate to the spray solution of **Basagran M60** and water for each application, according to the **Directions for Use**.

## Addition of Oil Concentrate

A non-phytotoxic oil concentrate (commonly referred to as oil concentrate) should be added to the spray tank for control of certain weed species as recommended in the **Table 2**. The oil concentrate must contain either a petroleum or vegetable oil base and must meet the following criteria:

- 1) Non-phytotoxic
- 2) Contain only EPA-exempt ingredients
- 3) Provide good mixing quality in the jar test (see the established turf section).
- 4) Be successful in local experience.

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

For additional information, see **Jar Test for Estimating Suitability of All Concentrates** in the preceding section on turf.

With the addition of oil concentrate to **Basagran M60**, a slight leaf burn of desirable plants may occur, but all new growth is normal and vigor is not reduced. 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 M60** for information concerning successful local experience prior to purchasing any oil concentrate.

### Rate of Oil Concentrate:

Use 0.75 fluid ounces per 1,000 square feet (2 pints per acre).

### Water Volume and Spray Pressure

Apply recommended rates of **Basagran M60** with a minimum of 0.5 gallon of water per 1,000 square feet (20 gallons per acre) and a minimum of 40 psi pressure (measured at the boom, not at the pump or in the line). When foliage is dense, use up to 2.5 gallons of water and up to 80

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psi. Use standard high-pressure pesticide hollow cone or flat fan nozzles spaced 20 inches apart. Do not use flood, whirl chamber, or controlled droplet applicator (CDA) nozzles.

### Special Information for Irrigated Areas

If moisture is not adequate for active weed growth, irrigate before applying **Basagran M60**. Weeds growing under drought conditions usually are not satisfactorily controlled.

### Mixing/Spraying

Fill the tank of a thoroughly clean sprayer one-half to two-thirds full with clean water. Start agitation and add **Basagran M60**; allow to mix thoroughly. Add oil concentrate and the remaining volume of water. Maintain constant agitation during application.

### Notice to User

Due to the variability within species and in application techniques, neither the manufacturer nor the Seller has determined whether or not **Basagran M60** can be safely used on all turf sites, non-crop sites, roadsides and rights-of-ways under all conditions. It is recommended therefore, that the user determine if **Basagran M60** can be used safely prior to broad use.

### Restrictions and Limitations

Do not apply **Basagran M60** to crop plants that have been subject to stress conditions such as hail damage, flooding, drought, extreme heat, or widely fluctuating temperatures as crop injury may result.

Do not apply **Basagran M60** if crop plants show injury (leaf phytotoxicity or plant stunting) produced by any other prior herbicide applications, because this injury may be enhanced or prolonged.

Do not apply **Basagran M60** during prolonged periods of drought or during unseasonably cold weather, as unsatisfactory weed control may result. Rainfall or overhead irrigation within 8 hours after application may reduce the effectiveness of **Basagran M60**.

Do not apply more than 1.8 fluid ounces of **Basagran M60** per 1,000 square feet (4.8 pints per acre) in any 12-month period.

Do not exceed a total of 2 pound of active ingredient (bentazon) per acre per application or 2 pounds of active ingredient (bentazon) per acre for all sources per calendar year. One pint of **Basagran M60** contains 0.41 pound of bentazon and one pint of Prompt® 5L herbicide contains 0.31 pound of bentazon.

Clean the sprayer thoroughly before applying **Basagran M60**, particularly if a herbicide with the potential to injure the plants to be sprayed with **Basagran M60** was previously used. Thoroughly clean with ammonia soap, and water and rinse after application of **Basagran M60**.

Physical incompatibility, reduced weed control, or ornamental plant injury may result from mixing **Basagran M60** with pesticides (fungicides, herbicides, insecticides or miticides), additives or fertilizers.

BASF does not recommend using **Basagran M60** tank mixes other than those listed on BASF labels, supplemental labeling, or technical bulletins.

Local professional authorities may be a source of information when using other than BASF recommended combinations. Otherwise, test a small area of the site with the desired tank mix combination and allow 7-10 days to evaluate potential injury.

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Do not apply **Basagran M60** plus an oil concentrate with other pesticides whose labels caution against their use with oil adjuvants. Vapors from this application may injure susceptible plants in the immediate vicinity. Do not apply when weather conditions favor drift from treated areas.

### Other Tank Mixes

**Basagran M60** may be tank mixed with other compatible products registered for use in non-crop sites, roadsides and rights-of-ways. Tank mixes using other products with **Basagran M60** should be applied as a directed spray away from the foliage, stems or root areas of other plants. If any desirable plant foliage received direct or indirect application, wash the solution off the foliage immediately.

When applying tank mixes not recommended by this label, test the application on a small area to determine the safety of the anticipated tank mix. Evaluate the potential for injury 5-7 days later before making a general application of this tank mix.

Read each tank mix product label for **Directions For Use, Precautionary Statements, and Restrictions and Limitations**. The most restrictive labeling applies in all tank mixes.

## Appendix

### Broadleaf Weeds Discussed in This Label

| Common Name            | Scientific Name           |
|------------------------|---------------------------|
| Balloonvine            | Cardiospermum halicacabum |
| Beggarticks            | Bidens frondosa           |
| Bristly Starbur        | Acanthospermum hispidum   |
| Chickweed, Common      | Stellaria media           |
| Chickweed, Mouse-ear   | Cerastium vulgatum        |
| Cocklebur              | Xanthium strumarium       |
| Coffee Senna           | Cassia occidentalis       |
| Dandelion              | Taraxacum officinale      |
| Dayflower              | Commelina spp.            |
| Devilsclaw             | Proboscidea louisianica   |
| Florida Pusley         | Richardia scabra          |
| Galinsoga              | Galinsoga spp.            |
| Groundsel, Common      | Senecio vulgaris          |
| Jimsonweed             | Datura stramonium         |
| Ladysthumb             | Polygonum persicaria      |
| Lambsquarters, Common  | Chenopodium album         |
| Morningglory           | Ipomoea spp.              |
| Onion/Garlic           | Allium spp.               |
| Pennsylvania Smartweed | Polygonum pennsylvanicum  |
| Pigweed                | Amaranthus spp.           |
| Plantain               | Plantago spp.             |

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|                       |                                |
|-----------------------|--------------------------------|
| Prickly Sida/Teaweed  | <i>Sida spinosa</i>            |
| Purslane, Common      | <i>Portulaca oleracea</i>      |
| Ragweed, Common       | <i>Ambrosia artemisiifolia</i> |
| Ragweed, Giant        | <i>Ambrosia trifida</i>        |
| Redweed               | <i>Melochia corchorifolia</i>  |
| Sesbania              | <i>Sesbania exaltata</i>       |
| Shepherdspurse        | <i>Capsella bursa-pastoris</i> |
| Spurge                | <i>Euphorbia maculata</i>      |
| Spurred Anoda         | <i>Anoda caristata</i>         |
| Spurweed/Lawn Burweed | <i>Saliva pterosperma</i>      |
| Thistle, Canada       | <i>Cirsium arvense</i>         |
| Thistle, Musk         | <i>Carduus nutans</i>          |
| Tropical Croton       | <i>Croton glandulosus</i>      |
| Velvetleaf            | <i>Abutilon theophrasti</i>    |
| Venice Mallow         | <i>Hibiscus trionum</i>        |
| Wild Buckwheat        | <i>Polygonum convolvulus</i>   |
| Wild Mustard          | <i>Sinapsis arvensis</i>       |
| Wild Poinsettia       | <i>Euphorbia heterophylla</i>  |
| Wild Sunflower        | <i>Helianthus annuus</i>       |
| Wood Sorrel, Yellow   | <i>Oxalis stricta</i>          |

**Sedges Discussed in this Label**

| Common Name     | Scientific Name           |
|-----------------|---------------------------|
| Annual Sedges   | <i>Cyperus</i> spp.       |
| Purple Nutsedge | <i>Cyperus rotundas</i>   |
| Yellow Nutsedge | <i>Cyperus esculentus</i> |



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### Conditions of Sale and Warranty

The **Directions For Use** of this product reflects 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. To the extent permitted by 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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