



# BASAGRAN<sup>®</sup> Sedge Control

Postemergence Herbicide

For homeowner use to control broadleaf weeds, annual sedges and yellow nutsedge in turfgrass and ornamentals.

**Active Ingredient:**

sodium salt of bentazon.....	44.0%
Other ingredients .....	<u>56.0%</u>
Total .....	100.0%

Formulated as a soluble liquid. Equivalent to 4 pounds per gallon bentazon (3-(1-methylethyl)-1H-2,1,3-benzothiadiazin-4-(3H)-one 2,2-dioxide)

## KEEP OUT OF THE REACH OF CHILDREN CAUTION/PRECAUCION

Si usted no entiende la etiqueta, busque 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.)

### FIRST AID

**IF SWALLOWED:** Call a poison control center or doctor 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.

**IF ON SKIN or CLOTHING:** 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:** Hold eyes open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes. Call a poison control center or doctor for treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For information on this pesticide product (including health concerns, medical emergencies, or pesticide incidents), call the National Pesticide Information Center at 1-800-858-7378.

### Precautionary Statements

#### Hazards to Humans and Domestic Animals

**CAUTION:** Harmful if swallowed or absorbed through skin. Causes moderate eye irritation. Avoid contact with eyes, skin, or clothing. 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 made of any waterproof material. If you want more options, follow the instructions for **Category A** on an EPA chemical-resistance category selection chart.

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

Distributed By: **Southern Agricultural Insecticides, Inc.**

P.O. Box 218 Palmetto, FL 34220

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EPA EST. NO. 829-FL-1

**Applicators and other handlers must wear:**

- \* Long-sleeved shirt and long pants
- \* Chemical-resistant gloves
- \* Shoes plus socks

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

**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. **DO NOT** contaminate water with disposal of equipment washwaters or rinsate. Bentazon 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.

**Directions For Use**

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. The following **Directions For Use** are applicable for homeowner use of **BASAGRAN® Sedge Control herbicide** in established turfgrass and ornamentals. Read the entire label for **Directions For Use** and **Precautionary Statements**.

**Nonagricultural Use Requirements**

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, nurseries, or greenhouses.

**For homeowner use: DO NOT** allow persons or pets to enter the treated area until sprays have dried.

**Storage and Disposal**

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

**Pesticide Storage:** Keep pesticide in original container. **DO NOT** put concentrate or dilute spray into food, feed, or drink containers. Avoid contamination of feed and foodstuffs. Store in a cool, dry place, preferably in a locked storage area. **DO NOT** store diluted spray.

**Pesticide Disposal and Container Handling**

**Nonrefillable container. DO NOT** reuse or refill this container.

**If empty:** Place in trash or offer for recycling if available.

**If partly filled:** Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

**In Case of Emergency**

In case of medical emergency regarding this product, call:

1. Your local doctor for immediate treatment.
2. Your local poison control center (hospital).
3. The National Pesticide Telecommunications Network at 1-800-858-7378.

**NOTICE:** Buyer assumes all liability, including personal injury and property damage, which may result from the use of this product in a manner inconsistent with labeling directions. If these terms are not acceptable, return at once unopened.

**Use Information**

**BASAGRAN® Sedge Control** is a postemergence herbicide for selective control of broadleaf weeds, annual sedges, and yellow nutsedge in the following use sites:

- \* Established turfgrass
- \* Ornamentals

**BASAGRAN® Sedge Control** does not control grasses. **BASAGRAN® Sedge Control** is effective mainly through contact activity; therefore, all target weeds must be thoroughly covered with spray. Large weed leaf canopies shelter smaller weeds and prevent adequate spray coverage.

**Application Information**

**Sprayer Equipment**

Apply **BASAGRAN® Sedge Control** with handheld pump-up and knapsack sprayers, or hose-end type sprayers. Clean the sprayer thoroughly before applying **BASAGRAN® Sedge Control**, particularly if the herbicide previously used has the potential to injure turfgrass or ornamentals.

Apply **BASAGRAN® Sedge Control** with a minimum water volume of 1 gallon per 1,000 sq. ft. and a minimum spray pressure of 40 psi (measured at the boom, not at the pump or in the line).

## Application Mixing Instructions

Fill a thoroughly clean spray tank 1/2 to 2/3 full of clean water. Add **BASAGRAN® Sedge Control herbicide** and shake or stir the spray solution to mix thoroughly. Add the remaining volume of water and shake or stir the spray solution to mix thoroughly. Mix only enough spray solution for one use. Use a fresh spray mixture for each application.

### Addition of Oil Concentrate

A nonphytotoxic oil concentrate may be added to the spray tank for certain weed problems. The oil concentrate must contain either a petroleum-oil or vegetable-oil base and must meet all the following criteria:

- \* nonphytotoxic
- \* provide good mixing quality in the jar test (see below)
- \*contain only EPA-exempt ingredients
- \*successful in local experience.

The exact composition of suitable products will vary; however, vegetable-oil and petroleum-oil concentrates should contain emulsifiers which provide good mixing quality. Highly refined vegetable oils are more satisfactory than unrefined vegetable oils.

### Application Mixing Instructions with Oil Concentrate

Fill a thoroughly clean spray tank 1/2 to 2/3 full with clean water. Add **BASAGRAN® Sedge Control** and shake or stir the spray solution so that **BASAGRAN® Sedge Control** and water mix thoroughly. Add the oil concentrate and the remaining volume of water. Again, shake or stir the spray solution so the **BASAGRAN® Sedge Control**, oil concentrate, and water mix thoroughly. Mix only enough spray solution for one use; use a fresh spray mixture for each application.

### Oil Concentrate Rate

For 1.0 to 2.0 gallons of water volume per 1,000 sq. ft., use 0.75 fl. oz. (5 teaspoons) of oil concentrate or a proportionate amount for other-sized areas.

Adding oil concentrate to **BASAGRAN® Sedge Control** may cause a slight leaf burn on desired plants (turfgrass, ornamentals) when relative humidity and temperature are high. Refer to your **BASAGRAN® Sedge Control** supplier for information on successful local experience before purchasing oil concentrate.

**DO NOT** apply **BASAGRAN® Sedge Control** plus oil concentrate with pesticides whose labels caution against their use with oil adjuvants.

### Application Restrictions and Limitations

**DO NOT** exceed a total of 1 lb. active ingredient (bentazon) per acre in a single application or 2 lbs. active ingredient (bentazon) per acre per season.

**DO NOT** apply more than a total of 1.5 fl. ozs. of **BASAGRAN® Sedge Control** herbicide per 1,000 sq. ft. per calendar year.

Rainfall or sprinkler irrigation within 8 hours after application may nullify the effectiveness of **BASAGRAN® Sedge Control**.

**DO NOT** apply during windy conditions because spray drift may cause damage to adjacent desired ornamental plants.

**DO NOT** apply **BASAGRAN® Sedge Control** during prolonged periods of drought or during unseasonably cold weather because unsatisfactory weed control may result.

**DO NOT** cultivate or mow within five days before or after **BASAGRAN® Sedge Control** application.

### Weeds Controlled

Apply **BASAGRAN® Sedge Control** early postemergence to small, actively growing weeds before they reach the maximum size listed in **Table 1**. Early application to newly emerged or small weeds will provide the most effective weed control. Delaying application will allow weeds to continue growth beyond the maximum size stated and will result in inadequate control.

**Table 1: Weeds Controlled**

Common Name	BASAGRAN® Sedge Control Application Rates			
	0.55 fl. ozs. (3.5 teaspoons) per 1000 sq. ft.		0.75 fl. ozs. (5 teaspoons) per 1000 sq. ft.	
	Weed Growth Stage			
Common Name	Leaf Stage	Max. Height	Leaf Stage	Max. Height
Anoda, spurred	Up to 6	3"	6 - 8	4"
Balloonvine	2-4	2"	4-6	3"
Beggarticks	Up to 6	6"	6-8	8"
Bristly starbur	N.R.	—	4-6	3"
Buckwheat, wild	Up to 4	3"	4-6	5"
Cocklebur	2-6*	6"	6-10	10"
Coffee senna	N.R.	—	Up to 1 pinnate	2"
Croton, tropic	Up to 2	2"	2-4	4"
Dayflower	Up to 6	4"	6-10	8"
Devils-claw	N.R.	—	Up to 6*	3"
Galinsoga	N.R.	—	Cotyledon to 6*	2"
Groundsel, common	N.R.	—	2-10	6"
Jimsonweed	Up to 6	6"	6-10	10"
Ladythumb	Up to 6	6"	6-10	10"
Mallow, Venice	Up to 6	2"	6-10	4"
Mustard, wild	Up to 6	4"	6-10	8"

**Table 1: Weeds Controlled contiued**

**BASAGRAN® Sedge Control Application Rates**

**0.55 fl. ozs. (3.5 teaspoons) per 1000 sq. ft.**      **0.75 fl. ozs. (5 teaspoons) per 1000 sq. ft.**

**Weed Growth Stage**

<u>Common Name</u>	<u>Leaf Stage</u>	<u>Max. Height</u>	<u>Leaf Stage</u>	<u>Max. Height</u>
Nutsedge, yellow	See use directions in Established		Turfgrass section	
Poinsettia, wild	2-4	4"	4-8*	6"
Prickly sida/Teaweed	Up to 6	3"	6-8	4"
Purslane, common	Up to 4	1"	4-6	2"
Ragweed, common	N.R.	—	4-6*	3"
Ragweed, giant	N.R.	—	Up to 4	6"
Redweed	4-6	6"	6-10	8"
Sedge, annual	NR	6- 8"	NR	6-8
Sesbania	N.R.	—	3-5*	3"
Shepherds pursue <sup>1</sup>	Up to 6	4"	6-10	8"
Smartweed, Pennsylvania	Up to 6	6"	6-10	10"
Spurweed/Lawn burweed	N.R.	—	2-6	3"
Sunflower, wild	Up to 6	—	—	8"
<b>see Special Directions for Problem Weeds</b>				
Thistle, Canada				
Thistle, musk				
Velvetleaf	Up to 4	2"	4-6	5"

\* **DO NOT** treat earlier than leaf stage shown. **DO NOT** count cotyledon leaves.

<sup>1</sup> **DO NOT** treat rosette before seed stalk appears.

N.R.= Not recommended for use

**Special Directions for Problem Weeds**

**Canada Thistle:** Apply 0.75 fl. ozs. of **BASAGRAN® Sedge Control** per 1000 sq. ft. Canada thistle is from 8 inches tall to the bud stage. If desired control is not obtained with the first application, make a second application at the same rate 7-10 days later or when new growth appears.

**Musk Thistle:** Apply 0.75 fl. ozs. of **BASAGRAN® Sedge Control** per 1000 sq. ft. when musk thistle is in the rosette stage no larger than 10 inches in diameter. If desired control is not obtained with the first application, make a second application at the same rate 7-10 days later or when new growth appears.

**Specific Use Site Information**  
**Established Turfgrass**

**BASAGRAN® Sedge Control** may be used on established bluegrass, fescue, bentgrass, Bermudagrass, Bahiagrass, centipedegrass, zoysiagrass, ryegrass, and St. Augustinegrass.

**BASAGRAN® Sedge Control** will control yellow nutsedge in established turfgrass. Refer to **Table 2** for water volumes and **BASAGRAN® Sedge Control** use rates.

To control yellow nutsedge, apply no more than 0.75 fl. oz. of **BASAGRAN® Sedge Control** per 1,000 sq. ft. in a single application when plants are 6 to 8 inches tall. If desired control is not obtained, make a second application at the same rate 7-10 days later or when new growth appears. Apply no more than 1.5 fl. ozs. of **BASAGRAN® Sedge Control** per 1,000 sq. ft. per calendar year.

In unmowed turfgrass, make the first application of **BASAGRAN® Sedge Control** after emergence but before yellow nutsedge is 8 inches tall. Thorough spray coverage of yellow nutsedge is essential for maximum control. For best control, **DO NOT** mow turfgrass within 3 days before or after application.

Yellow nutsedge emerges May through July in the northern United States, but it emerges throughout the year in the southern United States. Plan initial applications when yellow nutsedge has emerged because **BASAGRAN® Sedge Control** will only control nutsedge plants that have emerged.

**Table 2 . Application Rate for Established Turfgrass**

<b>Spray Area</b>	<b>200 sq. ft.</b>	<b>400 sq. ft.</b>	<b>1000 sq. ft.</b>
<b>BASAGRAN® Sedge Control</b> (fl oz)	0.15 (1 tsp.)	0.3 (2 tsp.)	0.75 (5 tsp.)
Water <sup>1</sup> as spray carrier	0.2-0.4	0.4-0.8	1-2
(gallons)	(1.6-3.2 pts.)	(3.2-6.4 pts.)	

<sup>1</sup> Quantity of water required to uniformly spray this area with your sprayer. Use a minimum water volume of 1 gallon per 1000 sq. ft. with a minimum pressure measured at the nozzle of 40 psi.

Weeds also controlled by **BASAGRAN® Sedge Control** in turfgrass are: annual sedges, beggarticks, Canada thistle, chickweed, cocklebur, common groundsel, common purslane, galinsoga, jimsonweed, ladysthumb, lambsquarters, musk thistle, shepherd's purse, smartweed, spurweed, velvetleaf, Venice mallow, wild buckwheat, wild mustard and wild poinsettia. These weeds are not registered for control in California.

In unmowed turfgrass, make the first application of **BASAGRAN® Sedge Control** after emergence but before annual sedge and Canada thistle are 8 inches tall, and other annual broadleaf weeds are 4 inches tall. For best sedge control, **DO NOT** mow within 5 days of application.

Weeds suppressed by **BASAGRAN® Sedge Control** in turfgrass include: common ragweed, giant ragweed, morningglory and wild sunflower. These weeds are not registered for suppression in California.

Weeds not controlled by **BASAGRAN® Sedge Control** include: purple nutsedge, pigweed, plantain, dandelion, onion/garlic, wood sorrel and spurge.

### **Turfgrass Restrictions and Limitations**

In California, **BASAGRAN® Sedge Control** is registered for use only in established turfgrass to control yellow nutsedge.

**DO NOT** apply **BASAGRAN® Sedge Control** to turfgrass that has been under stress such as drought, cold temperature, or injury from other herbicides.

**DO NOT** apply **BASAGRAN® Sedge Control** to any newly seeded or newly sprigged turfgrass until seedlings or sprigs are well established, or injury may result.

**DO NOT** apply **BASAGRAN® Sedge Control** to golf course greens or collars.

In perennial ryegrass, apply no more than 0.75 fluid ounces of **BASAGRAN® Sedge Control** per 1000 square feet at one time. Make a second application no less than 21 days later.

When treating turfgrass with **BASAGRAN® Sedge Control**, avoid over-the-top spraying of adjacent ornamental trees, shrubs, and flowers unless otherwise specified in this label.

### **Ornamentals**

**BASAGRAN® Sedge Control** is not registered for use on ornamentals in California.

Apply **BASAGRAN® Sedge Control** at the rates listed in **Table 1** when weeds are actively growing and before they reach the maximum size

**BASAGRAN® Sedge Control** may be applied over the top of certain ornamental species listed in **Table 3**. **DO NOT** apply oil concentrate in tank mix with **BASAGRAN® Sedge Control** over the top of ornamentals. Because of the variability within species, in application technique, and manner of use, it has not been fully determined if **BASAGRAN® Sedge Control** can be safely used on all ornamental plants under all growing conditions. Therefore, the user should apply to a few plants to determine if **BASAGRAN® Sedge Control** can be safely used for broad-scale application. Some leaf speckling and leaf bronzing may occur under certain conditions.

For all other landscape and ornamental trees, shrubs, flowers and nursery plants not listed in **Table 3**, apply **BASAGRAN® Sedge Control** as a directed spray away from the foliage of desired plants. **DO NOT** apply **BASAGRAN® Sedge Control** as a directed spray under the tree line or over the roots of **sycamore and rhododendron** or injury may occur. **DO NOT** apply if the risk of injury to these plants is not acceptable.

### **Table 3: Ornamental Species for Over-the-Top Applications**

#### **Common Name**

Alumroot	Crape myrtle	Jasmine
Apple (nonbearing)	Cypress, bald	Lily, plantain
Arborvitae*	Daylily	Lilyturf
Barberry, Japanese	Dusty miller	Lilyturf, big blue
Bugle, common	Euonymus	Liriope, creeping
Butterfly bush	Gardenia, common	Marigold
Cabbage ornamental	Golden-rain tree	Myrtle, wax
Cape jasmine	Hawthorn, Indian	Oak, red*
Chokeberry	Holly,	Pachysandra
Coral bells	Holly, Chinese	Petunia
Cotoneaster	Holly, dwarf Chinese	Photinia
Crabapple (nonbearing)	Holly, Japanese	Pine, Mugo
		Pine, white
		Pittosporum,
		Japanese
		Snapdragon

\*Make no more than one application per crop per growing season. Some species within a genera may vary in degree of tolerance. Prior to application across a large number of plants within the same species, test **BASAGRAN® Sedge Control** on a small number of plants of that species and observe for 2 weeks. **DO NOT** apply crop oil with applications of **BASAGRAN® Sedge Control** over the top to ornamentals or injury may occur.

## **Ornamental Restrictions and Limitations**

**DO NOT** apply **BASAGRAN® Sedge Control** to desirable plants that have been subject to stress conditions such as hail damage, flooding, drought, extreme heat or widely fluctuating temperatures or crop injury may result.

**DO NOT** apply **BASAGRAN® Sedge Control** if desirable plants show injury (leaf phytotoxicity and/or plant stunting) produced by prior herbicide applications because this injury may be enhanced and/or prolonged.

## **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. Plant 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 Southern Agricultural Insecticide (Southern Ag.) or the Seller. To the extent consistent with applicable law, all such risks shall be assumed by the Buyer.

Southern Ag. 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, SOUTHERN AG. 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 SOUTHERN AG'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, SOUTHERN AG. AND SELLER DISCLAIM ANY LIABILITY FOR CONSEQUENTIAL, EXEMPLARY, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.**

Southern Ag. 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 Southern Ag.

**Basagran®** is a registered trademark of BASF Corporation.

**Read entire label before using this product.**

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