



BROADLOOM[®] SEDGE CONTROL

A postemergence Herbicide for residential and small area use to control broad leaf weeds, annual sedges and yellow nutsedge in established turfgrass and ornamentals.

ACTIVE INGREDIENT:

sodium salt of bentazon' (3-(1-methylethyl)-1 H-2, 1, 3-benzothiadiazin-4(3H)-one 2,2-dioxide) 44.0%

OTHER INGREDIENTS: 56.0%

TOTAL: 100.0%

* Equivalent to 4 pounds of bentazon per gallon.

Broadloom is a registered trademark of United Phosphorus, Inc.

Keep Out of Reach of Children CAUTION/PRECAUCION

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.)

FIRST AID

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 swallowed: * Call a poison control center or doctor immediately for treatment advice.

* Have person sip a glass of water if able to swallow. * Do not induce vomiting unless told to do so by a poison control center or doctor. * Do not give anything by mouth to an unconscious person.

If in eyes: * Hold eye open and rinse slowly and gently with water for 15 to 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.

HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor or going for treatment. For emergency medical treatment, contact the Rocky Mountain Poison and Drug Center at 1-866-673-6671.

FOR CHEMICAL EMERGENCY: Spill, leak, fire, exposure or accident call CHEMTREC 1-800-424-9300.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if absorbed through skin. Harmful if swallowed. Causes moderate eye irritation. Avoid contact with eyes, skin, or clothing. This product may cause skin sensitization reactions in some people. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Wear long sleeved shirt and long pants, socks, shoes, chemical resistant gloves made of any waterproof material, and protective eyewear. Remove and wash contaminated clothing before reuse.

Personal Protective Equipment (PPE)

Applicators and other handlers must wear:

* Long-sleeved shirt and long pants * Waterproof gloves * Shoes plus socks

Follow the 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.

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 only, do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high watermark.

Do not contaminate water when disposing of equipment wash waters or rinsate.

Groundwater Advisory

Bentazon, which is present in this product, is known to leach through soil into groundwater under certain conditions as a result of agricultural use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

Notice: It is a violation of federal law to use any pesticide in a manner that results in the death of an endangered species or in adverse modification of their habitat.

DIRECTIONS FOR USE RESIDENTIAL ONLY

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. Unless otherwise directed in supplemental labeling, all applicable directions, restrictions, precautions and Conditions of Sale and Warranty are to be followed. This label must be in the user's possession during application.

The following Directions for Use are applicable to residential use of Broadloom in established turfgrass and ornamentals.

Nonagricultural Use Requirements
Do not enter or allow others to enter the treated area until sprays have dried.

PRODUCT INFORMATION

Broadloom Sedge Control is a postemergence herbicide for selective control of broad leaf weeds, annual sedges, and yellow nutsedge in the following use sites:

* Established turfgrass

* Ornamentals

Broadloom Sedge Control does not control grasses. Broadloom Sedge Control is effective mainly through contact action; thorough coverage of weeds is critical for control.

Turfgrass and Ornamentals Tolerance

All labeled plants are tolerant to Broadloom Sedge Control. Leaf speckling or bronzing may occur, but plants generally outgrow this condition within 10 days. New growth will be normal and plant vigor will not be reduced.

APPLICATION INSTRUCTIONS

Apply early postemergence to actively growing weeds as broadcast, band, or spot spray applications at the rates and growth stages listed in the weed table. For best results make postemergence applications of Broadloom Sedge Control early when weeds are small. Early application provides best weed control (exceptions: yellow nutsedge and Canada thistle), allows use of the lower rate (depending on weed species), and makes thorough spray coverage easier. Delaying application allows weeds to exceed the maximum size stated and will prevent adequate control. Do not apply when conditions favor drift from target area or when windspeed is greater than 10 mph.

Apply specified rates of Broadloom Sedge Control to actively growing weeds before they reach the maximum sizes listed in Table 1, Weeds Controlled.

Spray Coverage - Weeds must be thoroughly covered with spray. Dense leaf canopies shelter smaller weeds and can prevent adequate spray coverage.

Cultivation - Do not cultivate within 5 days before applying Broadloom Sedge Control or 7 days after application. Timely cultivation after 7 days may help provide season-long control.

Sprayer Equipment - Apply Broadloom Sedge Control with handheld pump-up and knapsack sprayers, or hose-end type sprayers.

Cleaning Spray Equipment

Clean application equipment thoroughly particularly if the herbicide previously used has the potential to injure turfgrass or ornamentals. Use a strong detergent or commercial sprayer cleaner according to the manufacturer's directions and then triple rinsing the equipment before and after applying this product.

Application Mixing Instructions

Fill a thoroughly clean spray tank 1/2 to 2/3 full of clean water. Add Broadloom Sedge Control 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.

Apply Broadloom 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).

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
contain only EPA-exempt ingredients
provide good mixing quality in the jar test (see below)
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.

Adding an oil concentrate may cause some leaf burn, but new growth is normal and crop vigor will not be reduced. There is a greater potential for leaf burn when relative humidity and temperature are high. Some oil concentrates cause excessive leaf burn, so refer to your supplier for information concerning successful local experience before purchasing any oil concentrate.

Compatibility (Jar) Test with Oil Concentrate

Before mixing, always perform a compatibility jar test. Use water from the intended source at the source temperature. For a spray volume of 1 gallon per 1000 sq. ft. use 6 2/3 cups (1600 mL) of water (for other spray volumes, adjust proportionately). Add 2 teaspoons each of herbicide and oil concentrate for each 0.75 fl. oz. per 1,000 sq. ft. of label rate.

Add the items to the jar in the following order, mixing gently between additions:

1. Broadloom, 2. Other tank mix product, if used, 3. Oil concentrate

Cap the jar, invert 10 times, then let stand for 15 minutes.

Evaluate: the ideal mixture will be uniform. If any of the following are observed, the suitability of the oil concentrate is questionable:

- * 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 as cottage cheese)

Application Mixing Instructions with Oil Concentrate

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

Rate of Oil Concentrate

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.

Precautions

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

Restrictions

- * DO NOT apply more than 1 lb. active ingredient per acre in a single application, or more than a total of 2 lbs. active ingredient (bentazon) per acre per season.
- * DO NOT apply more than a total of 1.5 fl. ozs. of Broadloom Sedge Control per 1,000 sq. ft. per calendar year.
- * Do not apply during windy conditions because spray drift may cause damage to adjacent desired ornamental plants.
- * DO NOT cultivate or mow within five days before or after a Broadloom Sedge Control application.
- * DO NOT apply Broadloom Sedge Control plus oil concentrate in combination with other pesticides whose labels indicate they may not be used with oil adjuvants.
- * DO NOT apply Broadloom Sedge Control during prolonged periods of drought or during unseasonably cold weather because unsatisfactory weed control may result.

Table 1. Weeds Controlled

Broadloom Sedge Control Application Rates

Common name	0.55 fl. oz. (3.5 tsp) per 1,000 sq. ft.		0.75 fl. oz. (5 tsp) per 1,000 sq. ft.	
	Leaf stage	Max. height	Leaf stage	Max. height
Anoda, spured	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"
Ladysthumb	Up to 6	6"	6-10	10"
Mustard, Wild	Up to 6	4"	6-10	8"
Nutsedge, yellow+	See below			
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	N.R.	-	3-5*	3"
Shepherds purse**	Up to 6	4"	6-10	8"
Smartweed	Up to 6	6"	6-10	10"
Pennsylvania				
Spurweed/lawn burweed	N.R.	-	2-6	3"
Sunflower, wild	Up to 4	5"	4-6	8"
Thistle, Canada+	See Below			
Thistle, musk+	See Below			
Velvetleaf	Up to 4	2"	4-6	5"

N.R. = Not recommended for use

* Do not treat earlier leaf stage shown. Do not count cotyledon leaves

** Do not treat rosette before seed stalk appears.

+Special Directions for Problem Weeds

Canada Thistle - Apply 0.75 fluid ounces of Broadloom Sedge Control per 1,000 square feet (2 pints 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 if control was not obtained with the first application.

Musk Thistle - Apply 0.75 fl. oz. of Broadloom Sedge Control per 1,000 sq. ft. when musk thistle is in the rosette stage no larger than 10 inches in diameter. A second application at the same rate may be made 7 to 10 days later when new growth appears, if control was not obtained with the first application.

Yellow Nutsedge - Apply no more than 0.75 fl. oz. of Broadloom Sedge Control per 1,000 sq. ft. in a single application when plants are 6-8 inches tall. A second application at the same rate may be made 7 to 10 days later when new growth appears, if control was not obtained with the first application. Do not apply more than 1.5 fl. oz. per 1,000 sq. ft. per calendar year.

ESTABLISHED TURFGRASS

Product Information

Use Broadloom Sedge Control on established bluegrass, fescue, bentgrass, Bermudagrass, bahiagrass, centipedegrass, zoysiagrass, ryegrass, and St. Augustinegrass. Broadloom Sedge Control provides selective postemergence control of broad leaf weeds, annual sedges, and yellow nutsedge. Broadloom Sedge Control does not control grasses. Broadloom Sedge Control is effective mainly through contact; therefore, all plants must be thoroughly covered with spray.

Application Information

Apply Broadloom Sedge Control postemergence to actively growing weeds under good soil moisture conditions.

Yellow Nutsedge Control - If desired control of yellow nutsedge or Canada thistle is not obtained with the first application, make a second application 10-14 days later or when new growth appears. In the northern United States, yellow nutsedge can emerge from May through July, while in the southern United States, nutsedge and broad leaf weeds can emerge throughout the year. Always plan initial applications when most plants have emerged. If new plants emerge later in the season, make a second application of Broadloom Sedge Control according to the label directions. In unmowed turf, make the first application after emergence but before yellow nutsedge, annual sedge, and Canada thistle are 8 inches tall. Annual broad leaf weeds should be no taller than 4 inches. Thorough spray coverage of yellow nutsedge is essential for maximum control. For best 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.

Precaution: When treating turfgrass with Broadloom Sedge Control, avoid spraying over the top of adjacent ornamental trees, shrubs, or flowers unless otherwise specified in this label.

Restrictions

- * Do not apply Broadloom Sedge Control to turf that has been under stress (drought, cold temperature or injury from other herbicides or pesticides).
- * Do not apply to golf course greens or collars.
- * Do not apply Broadloom Sedge Control to any newly seeded or newly sprigged turf until seedlings or sprigs are well established, as injury may result. In perennial ryegrass, apply no more than 0.75 fluid ounces per 1,000 square feet (2 pints per acre) at one time and make subsequent applications no less than 21 days later..
- * Do not apply more than 1.5 fluid ounces of Broadloom Sedge Control per 1,000 square feet (4 pints per acre) in one season.
- * Do not apply more than a total of 1 pound of active ingredient per acre per application or 2 pounds of active ingredient per acre per season. One pint of Broadloom Sedge Control contains 0.5 pound of bentazon.
- * Do not apply more than a total of 0.367 ounces of active ingredient per 1,000 square feet per application or 0.73 ounce of active ingredient per 1,000 square feet per season.

One fluid ounce of Broadloom Sedge Control contains 0.5 ounce of bentazon.

Rainfall or sprinkler irrigation within 8 hours after application may reduce the effectiveness of Bentazon sedge control.

Table 2. Application Rate for Established Turfgrass*

Spray Area	Broadloom Sedge Control	Water as a Spray Carrier**
200 sq. ft.	0.15 fl. oz. (1 teaspoon)	0.2 to 0.4 gallons (1.6 to 3.2 pints)
400 sq. ft.	0.3 fl. oz. (2 teaspoons)	0.4 to 0.8 gallons (3.2 to 6.4 pints)
1,000 sq. ft.	0.75 fl. oz. (5 teaspoons)	1 to 2 gallons

* For yellow nutsedge, apply no more than 0.75 fluid ounces per 1,000 square feet (2 pints per acre) at one time. Make a second application 10-14 days later. Apply no more than 1.5 fluid ounces per 1,000 square feet (4 pints per acre) in one season. For perennial ryegrass, apply no more than 0.75 fluid ounces per 1,000 square feet (2 pints per acre) at one time. Make a second application no less than 21 days later.

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

Weeds not controlled by Broadloom Sedge Control: purple nutsedge, pigweed, plantain, dandelion, onion/garlic, wood sorrel, spurge.

Sprayer Calibration Suggestions

Hand Sprayers:

1. Stake off a 400 square foot area of turf for practice. This is an area 20' (7 steps) 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 2. Application Rates for Established Turfgrass.

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 teaspoons of Broadloom Sedge Control 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.)

ORNAMENTALS

Apply Broadloom Sedge Control as a directed spray around all ornamental plants **except sycamore and rhododendron**.

Rate and Timing of Application

Directions for Use

Apply Broadloom Sedge Control at the rates listed in Table 1 when weeds are actively growing and before they reach the maximum size listed. For best results apply early (exception: yellow nutsedge and Canada thistle.) Delaying application permits weeds to exceed the maximum size stated and will result in inadequate control.

One fluid ounce of Broadloom Sedge Control contains 0.5 ounce of bentazon.

Precautions: Rainfall or overhead irrigation within 8 hours after application may reduce the effectiveness of Broadloom Sedge Control

Restrictions

- * Do not apply Broadloom Sedge Control to plants that have been subject to stress conditions (such as hail damage, flooding, drought, extreme heat, or widely fluctuating temperatures) as injury may result.
- * Do not apply oil concentrate in tank mix with Broadloom Sedge Control over the top of ornamentals.
- * Do not cultivate or mow within 5 days before or after applying Broadloom Sedge Control.
- * Do not apply Broadloom Sedge Control to plants showing injury produced by any other herbicide applications, because this injury may be enhanced or prolonged.
- * Do not apply more than 1.5 fluid ounces of Broadloom Sedge Control per 1,000 sq. feet in any 12 month period.
- * Do not apply more than a total of 1 pound of active ingredient per acre per application or 2 pounds of active ingredient per acre per season. One pint of Broadloom Sedge Control contains 0.5 pound of bentazon.
- * Do not apply more than a total of 0.367 ounces of active ingredient per 1,000 square feet per application or 0.73 fl. oz. of active ingredient per 1,000 square feet per season.
- * **DO NOT** apply oil concentrate in tank mix with Broadloom Sedge Control over the top of ornamentals.

Because of the variability within species, in application technique, and manner of use, neither the manufacturer nor the Seller has determined whether Broadloom Sedge Control can be safely used on all ornamental plants under all conditions. It is recommended therefore, that the user determine if Broadloom Sedge Control can be used safely prior to broad use. Test Broadloom Sedge Control on a small number of plants of that species and observe for 2 weeks.

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

Before application across a large number of plants within the same species, test Broadloom Sedge Control on a small number of plants of that species and observe for 2 weeks.

Do not apply crop oil with application of Broadloom Sedge Control over the top to ornamentals or injury may occur.

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

* Make no more than one application per season per crop.

+Not for use in California

For all other landscape and ornamental trees, shrubs, and flowers not listed in Table 3, apply Broadloom Sedge Control as a directed spray away from the foliage of desirable plants. Do not apply this product as a directed spray under the tree line or over the roots of sycamore or rhododendron or injury may occur. Do not apply if the risk of injury to these plants is unacceptable.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Do not store at less than 32° F and do not allow product to freeze.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on-site or at an approved waste disposal facility.

CONTAINER HANDLING: Non-refillable 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.

**IMPORTANT INFORMATION
READ BEFORE USING PRODUCT**

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product reflect the opinion of experts based on field use and tests, and must be followed carefully. It is impossible to eliminate all risks associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions, presence of other materials or other influencing factors in the use of the product, which are beyond the control of Southern Agricultural Insecticides, Inc. or Seller. Handling, storage, and use of the product by Buyer or User are beyond the control of Southern Agricultural Insecticides, Inc. and Seller. To the extent consistent with applicable law, all such risks shall be assumed by Buyer and User, and Buyer and User agree to hold Southern Agricultural Insecticides, Inc. and Seller harmless for any claims relating to such factors.

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