

BENTAZON 4

Herbicide

This product may be used as a postemergence application to control sedges and broadleaf weeds in peanuts, corn, beans, clover grown for seed (Washington and Oregon Only), peas, rice, soybeans, sorghum, spearmint and peppermint.

ACTIVE INGREDIENT:

Sodium salt of bentazon* [sodium 3-(1-methylethyl)-1*H*-2,1,3-benzothiadiazin-4(3*H*)-one 2,2-dioxide] 44.0%

OTHER INGREDIENTS: 56.0%

TOTAL: 100.0%

*Equivalent to 4 pounds of bentazon per gallon

KEEP OUT OF REACH OF CHILDREN

CAUTION

FIRST AID	
If on skin or clothing:	<ul style="list-style-type: none"> • 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 swallowed:	<ul style="list-style-type: none"> • 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:	<ul style="list-style-type: none"> • Hold eye 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 eye. • 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. You may also contact CHEMTREC at 1-800-424-9300 for emergency medical treatment information.	

See inside label booklet for additional Precautionary Statements and Directions for Use including Storage and Disposal instructions.

EPA Reg. No. 83520-26

Manufactured for:

Tacoma Ag, LLC
P.O. Box 14073
Durham, NC 27709

Net Contents: 2.5 Gallons

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if absorbed through skin. Harmful if swallowed. Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing. 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, shoes plus socks and chemical-resistant gloves (such as Natural Rubber, Selection Category A). 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 made of waterproof material. If you want more options, follow the instructions for Category A on an EPA chemical-resistance category selection chart.

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.

Engineering Controls Statement

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in WPS.

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

For terrestrial uses. Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters 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.

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.

Unless otherwise directed in supplemental labeling, all applicable directions, restrictions, precautions, and Warranty Disclaimer, Inherent Risks of Use, and Limitation of Remedies are to be followed. This labeling must be in the user's possession during application.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 48 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated such as plants, soil or water, is:

- Coveralls
- Waterproof gloves
- Shoes plus socks

PRODUCT INFORMATION

Bentazon 4 Herbicide is a selective herbicide for postemergence control of listed sedges and broadleaf weeds in beans, peanuts, corn, clover grown for seed (Washington and Oregon only), peas, rice, soybeans, sorghum, spearmint and peppermint.

As Bentazon 4 Herbicide controls through contact with the target weed, thorough coverage of weeds with spray solution is essential for an effective application.

All crops listed in this label are tolerant to Bentazon 4 Herbicide. Treatment of listed crops may cause bronzing or leaf speckling, although crops will usually recover within 10 days. Crops will develop normally and crop vigor will not be affected.

Application equipment must be thoroughly cleaned before and after applying Bentazon 4 Herbicide as follows:

1. Use a commercial spray equipment cleaner or a strong detergent in accordance with the manufacturer's directions.
2. Triple rinse application equipment prior to and after application.

APPLICATION INSTRUCTIONS

Bentazon 4 Herbicide may be applied as a spot spray application, a banded application, or as a broadcast application to actively growing weeds. Application rates and growth stages are listed below. Bentazon 4 Herbicide is most effective in controlling target species when it is applied as a postemergence treatment when weeds are young. Applying this product at an early stage provides the most effective treatment (except for Canada thistle and yellow nutsedge) as it allows use of the lower listed application rates (as appropriate to the target species) and spray coverage is easier to achieve. Target species must be covered thoroughly with Bentazon 4 Herbicide. Smaller weeds may shelter under dense leaf canopies, preventing sufficient spray coverage.

Apply Bentazon 4 Herbicide at the rates specified below (as appropriate to the crop site) to target species that are actively growing but before they reach the listed maximum stage of growth. Delayed treatment allows target species to exceed the listed growth stage for application which will limit control.

If the wind speed is greater than 10 mph or conditions promote spray drift from the application site, do NOT apply this product.

Irrigated Areas

In areas that are irrigated, irrigation prior to treatment may be necessary in order to ensure target species are actively growing. Treatment of weeds growing under conditions of drought may lead to limited control.

Cultivation

Do not cultivate areas to be treated within 5 days prior to making an application with Bentazon 4 Herbicide.

Do not cultivate treated areas for 7 days following treatment. Cultivation shortly after the 7 day period following application may assist in providing control for the season.

AERIAL APPLICATION

Apply Bentazon 4 Herbicide using spray equipment with diaphragm-type nozzles producing a fan or cone spray pattern, at a pressure of up to 40 psi, in 5 gallons of water (minimum) per acre. When applying this product to rice, use a minimum of 10 gallons of water per acre.

Spray nozzles must:

1. Be directed so that they discharge straight back with the air stream or at some angle between straight back and straight down.
2. Be within 10 feet above the crop.

Special Directions for Aerial Application

To obtain uniform coverage and to avoid drift hazards, follow these guidelines:

- Do not apply this product by aircraft when wind is blowing more than 10 mph (except above 5 mph in California).
- Use coarse sprays (larger droplets) as they are less likely to drift.
- Do not apply this product by air if sensitive species (such as cotton, sugar beets, sunflowers, or okra) are within 200 feet downwind.

The applicator must follow the most restrictive use precautions to avoid drift hazards, including those found in this labeling as well as applicable state and local regulations and ordinances.

GROUND BROADCAST APPLICATION

Apply Bentazon 4 Herbicide using high pressure spray application equipment with hollow cone or flat fan nozzles spaced at a maximum of 20 inches apart at a minimum of 40 psi. Note: measure spray pressure at the boom, not in the line or at the pump. For the most effective application, use 10-20 gallons of spray solution per broadcast acre. If Bentazon 4 Herbicide is applied in areas where weed foliage is thick or when using the lower volume of spray solution (10 gallons per broadcast acre), use a spray pressure of 60 psi (minimum).

Do not apply this product using whirl chamber, controlled droplet indicator or flood nozzles as they may cause erratic coverage, which may lead to inconsistent weed control.

Selective application equipment must not be used as good coverage must be achieved for the most effective results (e.g. wiper applications or recirculating sprayers).

Bentazon 4 Herbicide can be used for control of listed weed species in the following crops:

- Dry Beans
- Succulent Beans
- Clover grown for seed
- Corn
- Peanuts
- Dry Peas
- Succulent Peas
- Peppermint
- Rice
- Sorghum
- Soybeans
- Spearmint

Application Rates for Specific Weed Growth Stages for All Crops EXCEPT Rice

IMPORTANT: Refer to Crop specific directions for restrictions and limitations specific to the treated crop.

Weeds Controlled	Application Rate (Pints)	Growth Stage (Leaves)	Max. Height (Inches)	Comment
Anoda, Spurred	1.0	Not Rec.	-	
	1.5	1-6	3	
	2.0	6-8	4	
Balloonvine	1.0	Not Rec.	-	
	1.5	2-4	2	
	2.0	4-6	3	
Beggarticks	1.0	Not Rec.	-	
	1.5	1-6	6	
	2.0	6-8	8	
Bindweed (Field, Hedge)	1.0	Not Rec.	-	For suppression only, apply 2-3 pints per acre in IN, IL, KY, MI and OH.
	1.5	Not Rec.	-	
	2.0	-	10	
Buckwheat, Wild	1.0	Not Rec.	-	
	1.5	1-4	3	
	2.0	4-6	5	
Canada Thistle	1.0	Not Rec.	-	Apply same rate 7-10 days later if regrowth occurs.
	1.5	Not Rec.	-	
	2.0	-	8 to bud	
Cocklebur	1.0	2-4	4	Do not apply Bentazon 4 Herbicide before the specified leaf stage. Do not count cotyledon leaves. In order to make a late rescue application for Cocklebur, make one treatment with Bentazon 4 Herbicide at a rate of 2-3 pints per acre to Cocklebur up to 24 inches in height. For enhanced control, apply Bentazon 4 Herbicide at a rate of 1.5 pints per acre. Make another application at the same rate 10-14 days later.
	1.5	2-6	6	
	2.0	6-10	10	
Croton, Tropic	1.0	Not Rec.	-	
	1.5	up to 2	2	
	2.0	2-4	4	
Dayflower	1.0	Not Rec.	-	
	1.5	up to 6	4	
	2.0	6-10	8	
Devilsclaw	1.0	Not Rec.	-	Use crop oil concentrate plus UAN or just crop oil concentrate.
	1.5	Not Rec.	-	
	2.0	up to 6	3	
Eclipta	1.0	-	-	
	1.5	up to 6	2	
	2.0	up to 6	2	

(continued)

Application Rates for Specific Weed Growth Stages for All Crops EXCEPT Rice (continued)

Weeds Controlled	Application Rate (Pints)	Growth Stage (Leaves)	Max. Height (Inches)	Comment
Galinsoga	1.0	Not Rec.	-	Use crop oil concentrate plus UAN or just crop oil concentrate.
	1.5	Not Rec.	-	
	2.0	Cotyledon to 6	2	
Groundsel, Common	1.0	Not Rec.	-	
	1.5	Not Rec.	-	
	2.0	-	3	
Jimsonweed	1.0	up to 4	4	
	1.5	up to 6	6	
	2.0	6-10	10	
Ladysthumb	1.0	up to 4	4	
	1.5	up to 6	6	
	2.0	6-10	10	
Lambsquarters, Common	1.0	up to 4	1	Use crop oil concentrate plus UAN or just crop oil concentrate. If new germination or regrowth occurs, a second treatment with Bentazon 4 Herbicide may be required.
	1.5	up to 6	1.5	
	2.0	up to 6	2	
Marshelder	1.0	Not Rec.	-	
	1.5	up to 4	2	
	2.0	up to 8	4	
Mayweed/Dogfennel	1.0	Not Rec.	-	
	1.5	-	2	
	2.0	-	3	
Morningglory (Smallflower, Cypressvine only)	1.0	Not Rec.	-	Rates given for AL, AR, FL, GA, LA, MS, NC, OK, SC, TN, TX, and VA only. Apply a second treatment 5-14 days later. For all other states, apply Bentazon 4 Herbicide at a rate of 2-3 pints per acre to annual morningglories up to the 4 true leaves stage of growth. Control of target weed species may be inconsistent or partial.
	1.5	4	4	
	2.0	4	4	
Morningglory	1.0	Not Rec.	-	
	1.5	4	4	
	2.0	6	6	
Mustard, Wild	1.0	up to 4	2	
	1.5	up to 6	4	
	2.0	6-10	8	
Nightshade, Hairy	1.0	Not Rec.	-	Bentazon 4 Herbicide does not provide control of black nightshade or Eastern black nightshade.
	1.5	Not Rec.	-	
	2.0	2.6	4	
Nutsedge, Yellow	1.0	Not Rec.	-	If regrowth of target species occurs, apply Bentazon 4 Herbicide a second time at the same rate 7-10 days later.
	1.5	-	8	
	2.0	-	8	
Poinsettia, Wild	1.0	Not Rec.	-	Use crop oil concentrate plus UAN or just crop oil concentrate.
	1.5	up to 6	4	
	2.0	4-8	6	
Purslane, Common	1.0	Not Rec.	-	
	1.5	up to 4	1	
	2.0	4-6	2	
Radish, Volunteer	1.0	Not Rec.	-	
	1.5	2-6	4	
	2.0	6-10	10	
Ragweed, Common	1.0	Not Rec.	-	Use crop oil concentrate plus UAN or just crop oil concentrate.
	1.5	Not Rec.	-	
	2.0	4 to 6	3	
Ragweed, Giant	1.0	Not Rec.	-	If new germination or regrowth occurs, a second treatment with Bentazon 4 Herbicide may be required.
	1.5	Not Rec.	-	
	2.0	up to 4	6	
Redweed	1.0	Not Rec.	-	
	1.5	4-6	6	
	2.0	6-10	8	

(continued)

Application Rates for Specific Weed Growth Stages for All Crops EXCEPT Rice (continued)

Weeds Controlled	Application Rate (Pints)	Growth Stage (Leaves)	Max. Height (Inches)	Comment
Senna, Coffee	1.0	Not Rec.	-	Use crop oil concentrate plus UAN or just crop oil concentrate.
	1.5	Not Rec.	-	
	2.0	up to 1 pinnate	2	
Sesbania	1.0	Not Rec.	-	Use crop oil concentrate plus UAN or just crop oil concentrate.
	1.5	Not Rec.	-	
	2.0	3-5	3	
Shepherdspurse	1.0	Not Rec.	-	Do not apply to the treat rosette before the seed stalk emerges.
	1.5	up to 6	4	
	2.0	6-10	8	
Sida, Prickly or Teaweed	1.0	Not Rec.	-	
	1.5	up to 6	3	
	2.0	6-8	4	
Smartweed, Pennsylvania	1.0	up to 4	4	
	1.5	up to 6	6	
	2.0	6-10	10	
Starbur, Bristly	1.0	Not Rec.	-	
	1.5	up to 4	2	
	2.0	4-6	3	
Sugar Beet, Volunteer	1.0	Not Rec.	-	
	1.5	2-4	-	
	2.0	4-8	-	
Sunflower, Wild	1.0	up to 2	3	
	1.5	up to 4	5	
	2.0	4-6	8	
Velvetleaf	1.0	up to 4	2	In order to make a late rescue application for Velvetleaf, make one treatment with Bentazon 4 Herbicide at a rate of 3 pints per acre with 1 gallon of UAN solution and 1 quart of oil concentrate per acre to velvetleaf plants that are up to 12 inches in height. For enhanced control, apply Bentazon 4 Herbicide at a rate of 1.5 pints per acre plus 1 gallon of AMS or UAN solution and 1 quart of oil concentrate per acre. Then make one more application at the same rate 4-7 days later. Applicators must use AMS or UAN as a spray additive.
	1.5	up to 4	2	
	2.0	4-6	5	
Venice Mallow	1.0	up to 4	2	
	1.5	up to 6	2	
	2.0	6-10	4	

ADDITIVES

In order to achieve control of target weed species on a consistent basis, use one of the following additives:

- crop oil concentrate
- urea ammonium nitrate
- ammonium sulfate.

The use of additives may cause leaf burn. Leaf burn is more likely when temperature and relative humidity are high. However, crop vigor will not be reduced, and crop growth will be normal. Refer to the *Additive Rates* table below for specific rate instructions.

Oil Concentrate

Appropriate oil concentrate must either contain a vegetable oil base or a petroleum base. It must also contain EPA-exempt ingredients only and it must not be phytotoxic. The oil concentrate used must have been successful in the locale, and it must display good mixing properties in a jar test.

Although the content of appropriate additive products will differ, petroleum based and vegetable oil based additive products should have emulsifiers in them which will provide good mixing properties. Vegetable oils that are highly refined have been shown to be better for this purpose than vegetable oils that are unrefined.

Refer to the Mixing Information section for more information.

The use of oil concentrate may cause leaf burn. Leaf burn is more likely when temperature and relative humidity are high. However, crop vigor will not be reduced, and crop growth will be normal.

Certain oil concentrate additives can cause excessive leaf burn. Refer to a local supplier for information on the success of the additive in the local area prior to purchase.

Oil Concentrate plus Nitrogen Solution

Applicators may add an oil concentrate that is nonphytotoxic with a nitrogen solution (i.e. AMS or UAN) to the Bentazon 4 Herbicide spray solution.

UAN: Urea Ammonium Nitrate

UAN is often referred to as 28%, 30% or 32% nitrogen solution. UAN can be used instead of other additives in order to achieve enhanced control of devilsclaw, cocklebur, velvetleaf, Pennsylvania smartweed, wild mustard, wild sunflower and Venice mallow.

If common lambsquarters and/or common ragweed are present in addition to velvetleaf, (or other weed species that require the use of an oil concentrate) use an oil concentrate. This product combined with a nitrogen solution will not adequately control common lambsquarters and common ragweed.

AMS (Ammonium Sulfate)

When using AMS, combine 3 quarts of liquid AMS (8-8-0 analysis) with the spray solution or 2.5 pounds of granular AMS. Applicators must only use fine spray grade or feed-grade AMS. AMS that is of an inferior grade will not dissolve fully and may plug spray equipment.

Apply AMS in 10 gallons spray solution per acre minimum. Application of AMS in less than the minimum spray volume may cause problems with precipitation in reduced volumes of water.

Only use AMS if it has been proved to be successful in local area.

Additive Rates

Additive	Ground Application Rate Per Acre	Air Application Rate Per Acre
UAN Solution*	4-8 pints	2-4 pints
AMS*	2.5 pounds	2.5 pounds**
Oil Concentrate	1-2 pints	1 pint
Oil Concentrate + Nitrogen*	0.5-1 pint of Oil Concentrate + 1-2 pounds of AMS or 2-4 pints of UAN	

* AMS and UAN must not be used in California.

** Use of AMS solution is not recommended because of precipitation problems in reduced water volumes. Only use AMS when the source has been proved to be successful in the local area and when applied in 10 gallons of solution per acre (minimum).

MIXING INFORMATION

The following registered products and / or additives may be mixed with Bentazon 4 Herbicide:

Product (Active Ingredient)

Atrazine
Atrazine + dicamba
Avalon™ (acifluorfen)
Buctril® (bromoxynil)
Chlorimuron + Thifensulfuron
Clarity® (dicamba)
Classic® (chlorimuron-ethyl)
Cobra® (lactofen)
Concert® II (thifensulfuron + chlorimuron-ethyl)
Distinct® (diflufenzopyr + dicamba)
Facet® 75 DF (quinclorac)
FirstRate® (cloransulam-methyl)
Flexstar® (fomesafen)
Glyphosate
Londax® (bensulfuron)
Liberty® (glufosinate)
Lightning® (imazethapyr + imazapyr)
MCPA
Outlook® (dimethenamid-P)

Product (Active Ingredient)

Paramount® (quinclorac)
Paraquat
Poast® (sethoxydim)
Poast Plus® (sethoxydim)
Propanil
Pursuit® (imazethapyr ammonium)
Raptor® (imazamox ammonium)
Reflex® (fomesafen)
Resource® (flumiclorac)
Scepter® (imazaquin)
Sinbar® (terbacil)
Stinger® (clopypyrilid)
Storm® (bentazon + acifluorfen)
Synchrony® XP (chlorimuron + thifensulfuron)
Thifensulfuron
Thistrol® (MCPB)
UltraBlazer (acifluorfen)
2,4-DB

NOTE: Tank mixes must be combined and applied in accordance with the directions in this label and the labels of all tank mix partners. Read and follow all directions and restrictions of all tank mix partners. The most restrictive directions and restrictions must apply.

If all target weeds species are not at the specified stage of growth for the timing of treatment at the same time, make separate applications.

Mixing this product with other registered fertilizer, additives or pesticide products (insecticides, fungicides, miticides or herbicides) may result in physical incompatibility of the products, crop injury or a reduction in weed control. Applicators should only tank mix this product with those products listed in this label. When mixing this product with products not listed in this label, consult local agricultural authorities for information.

Compatibility Test for Mix Components

Before mixing additives and/or other pesticides, always perform a compatibility jar test.

For 20 gallons per acre spray volume, use 3.3 cups (800 ml) of water. For other spray volumes, adjust rates accordingly.

Only use water from the intended source at the source temperature.

Add components in the sequence indicated in the **Mixing Order** using 2 teaspoons for each pound or 1 teaspoon for each pint of specified label rate per acre.

Always cap the jar and invert 10 cycles between component additions.

When the components have all been added to the jar, let the solution stand for 15 minutes. Evaluate the solution for uniformity and stability. The spray solution should not have free oil on the surface, nor fine particles that precipitate to the bottom, nor thick (clabbered) texture. If the spray solution is not compatible, repeat the compatibility test with the addition of a suitable compatibility agent. If the solution is then compatible, use the compatibility agent as directed on its label. If the solution is still incompatible, do not mix the ingredients in the same tank.

Mixing Order

When mixing additives and/or other pesticides in a spray tank, add the products to be used in the following sequence:

1. Water - Begin by agitating a thoroughly clean sprayer tank three-quarters full of clean water.
2. Agitation - Maintain constant agitation throughout mixing and application.
3. Products in PVA bags - Place any product contained in water-soluble PVA bags into the mixing tank. Wait until all water-soluble PVA bags have fully dissolved and the product is evenly mixed in the spray tank before continuing.
4. Water-dispersible products - such as dry flowables, wettable powders, suspension concentrates, or suspo-emulsions. If an inductor is used, rinse it thoroughly after the component has been added.
5. Water-soluble products - such as Bentazon 4 Herbicide. If an inductor is used, rinse it thoroughly after the component has been added.
6. Emulsifiable concentrates - such as oil concentrate when applicable. If an inductor is used, rinse it thoroughly after the component has been added.
7. Water-soluble additives - such as AMS or UAN when applicable. If an inductor is used, rinse it thoroughly after the component has been added.
8. Remaining quantity of water.

NOTE: Maintain constant agitation during application.

RESTRICTIONS AND LIMITATIONS THAT APPLY TO ALL CROPS

- Do NOT exceed the maximum seasonal use rate of 4 pints of Bentazon 4 Herbicide per acre (2 pounds active ingredient), per season, from all sources.
- Bentazon 4 Herbicide must NOT be applied through an irrigation system of any type.
- Do NOT enter or allow worker entry into treated areas during the Restricted Entry Interval (REI) of 48 hours.
- Unsatisfactory control of target species may result if Bentazon 4 Herbicide is applied to weeds suffering stress caused by injury from previously applied pesticide(s), drought, other mechanical injury or cold temperatures.
- Do NOT apply Bentazon 4 Herbicide if crops in the treatment area are suffering stress due to flooding, drought, widely varying temperatures, hail damage or injury from previously applied pesticide(s) as crop damage may result.
- Do NOT apply Bentazon 4 Herbicide to crops injured by other pesticide product treatment(s) (e.g. plant stunting or phytotoxicity) as previously caused injury may be prolonged and/or enhanced.
- Overhead irrigation or precipitation within 4 hours of treatment with this product may reduce the effect of Bentazon 4 Herbicide in controlling target weed species.

CROP SPECIFIC DIRECTIONS

Apply Bentazon 4 Herbicide during early postemergence. Treatment with this product must take place before target weeds reach the maximum growth stage for application listed in the *Application Rates for Specific Weed Growth Stages for All Crops EXCEPT Rice* table above. For application rates for rice crops, see the Rice section below.

BEANS, DRY AND SUCCULENT

The following beans are tolerant of Bentazon 4 Herbicide:

- | | | |
|---------------------------|------------------------------|---------------|
| • Adzuki Beans | • Kidney Beans | • Pinto Beans |
| • Black Turtle Soup Beans | • Lima Beans (Small & Large) | • Red Beans |
| • Cranberry Beans | • Navy Beans | • Snap Beans |
| • Great Northern Beans | • Pink Beans | • White Beans |

Beans crops are tolerant to applications of Bentazon 4 Herbicide once the first trifoliate leaf has fully expanded. However, even when the bean crop is in the tolerant stage of growth there may be bronzing, yellowing, burning, speckling or burning of leaves under certain conditions (see Restrictions below). Such crop injury is temporary and the plant will outgrow it without affecting podset, maturity and without reducing yield. Use of oil with Bentazon 4 Herbicide may have the effect of reducing yield and increasing crop injury.

Restrictions

- Do not apply Bentazon 4 Herbicide on its own to succulent or dry beans grown in South Carolina or Georgia as the result may be severe crop damage.
- When applying Bentazon 4 Herbicide to succulent or dry beans grown in South Carolina or Georgia, this product must be combined with Pursuit herbicide or Raptor herbicide. Apply Bentazon 4 Herbicide at a rate of 6-16 fl. oz. per acre. Read and follow all use directions and restrictions of all products in the tank mix. The most restrictive label must apply.
- Do not treat field beans with Bentazon 4 Herbicide until they have a minimum of one trifoliate leaf fully expanded. If crops are treated prior to reaching this stage of growth, the result may be severe crop injury.
- In order to avoid severe crop damage, Bentazon 4 Herbicide must not be applied to:
 - blackeyes in California
 - garbanzo beans at any growth stage
 - lupines at any growth stage
- Bentazon 4 Herbicide must not be applied to succulent or dry beans within 30 days of harvest.
- When applying Bentazon 4 Herbicide to snap beans, the use of an oil additive may enhance the potential for leaf burn and crop injury.
- Bentazon 4 Herbicide is not recommended for use on adzuki beans in California.
- For control of yellow nutsedge in California, treat with 2 pints of Bentazon 4 Herbicide per acre when plants are 6-8 inches tall. 10 to 14 days after the first application, make a second treatment at the same rate.

Tank Mixes

For Dry Beans, Bentazon 4 Herbicide may be tank mixed with one of the following herbicides: Outlook[®], Poast[®], Pursuit[®] or Raptor[®].

For Succulent Beans, Bentazon 4 Herbicide may be tank mixed with one of the following herbicides: Poast[®] or Pursuit[®].

CLOVER GROWN FOR SEED (OREGON AND WASHINGTON)

Apply Bentazon 4 Herbicide as a postemergence treatment for clover grown for seed in Oregon and Washington. Make a foliar broadcast application in the spring at up to 2 pints of this product per acre. A second application 5 to 14 days later can be made if required at the same use rate.

Clover is tolerant to treatment with Bentazon 4 Herbicide. Under certain conditions, leaf burn may take place, however, within 10 days, clover will generally outgrow the condition.

Add a crop oil concentrate (COC) that is nonphytotoxic as directed in the *Additive Rates* Table in the ADDITIVES section at the beginning of this label.

Restrictions

- Do not allow treated areas to be used to harvest forage, hay or feed for livestock feed or for livestock grazing for at least 36 days after an application of Bentazon 4 Herbicide.

CORN (INCLUDING CORN GROWN FOR SEED/SILAGE, FIELD, POPCORN, SWEET) AND SORGHUM (INCLUDING FORAGE AND GRAIN)

Producers of seeds must refer to the seed company for information on seed production inbred lines' tolerance to applications of Bentazon 4 Herbicide.

Restrictions

- For sorghum, do not exceed 2 pints of Bentazon 4 Herbicide per acre per season.
- Do not apply Bentazon 4 Herbicide to sorghum that is blooming or heading.
- Do not allow grazing in treated areas for 12 days after the treatment with this product.
- Bentazon 4 Herbicide is not recommended for treatment of sorghum or corn in California to control yellow nutsedge.
- Bentazon 4 Herbicide must not be used on forage sorghum in California.

Tank Mixes

Do NOT tank mix this product with atrazine in California.

For Corn Applications, Bentazon 4 Herbicide may be tank mixed with one of the following products (including herbicides that are registered for use in corn hybrids that are tolerant to treatment with glufosinate, glyphosate and imidazolinone): Atrazine, Atrazine + Dicamba, Clarity[®], Distinct[®], Glyphosate, Outlook[®], Liberty[®], Lightning[®], or Pursuit[®].

For Sorghum Applications, Bentazon 4 Herbicide may be tank mixed with one of the following products: Atrazine, Atrazine + Dicamba, Clarity[®], Outlook[®], or Paramount[®].

PEPPERMINT AND SPEARMINT

Although, spearmint and peppermint are tolerant to applications with this product, treatment may cause leaf-burning. This may occur when crops are actively growing and have new, succulent tissue. Crops will generally grow out of the condition within 10 days.

In order to control kochia and hairy nightshade, Bentazon 4 Herbicide may be applied at a rate of 4.0 pints per acre in one application. In order to control kochia, combine Bentazon 4 Herbicide with an oil concentrate.

Tank Mixes

Bentazon 4 Herbicide may be tank mixed with one of the following products: Buctril®, Poast®, Sinbar® or Stinger®.

PEAS (DRY AND SUCCULENT)

Peas (English, garden and Southern) are tolerant of applications of Bentazon 4 Herbicide once 4 nodes or 3 pairs of leaves are present. Crop injury may occur under certain conditions such as bronzing, yellowing, burning or speckling. Such damage will be temporary and the crop will generally outgrow it without causing any reduction in yield or delaying podset/maturity.

Do not apply Bentazon 4 Herbicide in Western irrigated areas during 2-5 day periods of cold weather (i.e. temperature below 75°F during the day below 55°F during the night). Applications during a prolonged cold spell may nullify weed control.

Restrictions

- Do not apply Bentazon 4 Herbicide on its own in South Carolina and Georgia to succulent peas, as severe crop injury may result.
- When treating succulent peas grown in South Carolina and Georgia, Bentazon 4 Herbicide must be tank mixed with Pursuit herbicide or Raptor herbicide. Apply Bentazon 4 Herbicide at a rate of 6-16 fl. oz. per acre. Read and follow all label directions of the tank mix partners. The most restrictive label must apply.
- Do not apply Bentazon 4 Herbicide to dry peas within 30 days of harvest.
- When treating succulent peas, do not apply Bentazon 4 Herbicide within 10 days of harvest.
- When treating succulent peas in California, do not apply Bentazon 4 Herbicide within 30 days of harvest.
- Do not treat peas that are suffering stress from root rot.
- Do not treat pea crops when they are in bloom.
- Do not treat the following crops with Bentazon 4 Herbicide at any stage of growth:
 - blackeyes grown in California
 - garbanzo beans
 - lupinesIf applications are made to these crops, severe crop injury may result.
- Oil must not be added to Bentazon 4 Herbicide except when treating peas in the Pacific Northwest.
- There may be a higher likelihood of crop damage from applications with Bentazon 4 Herbicide if there are in-furrow treatments of nematocide or insecticide.

Tank Mixes

NOTE: The following tank mixes are not applicable in California.

Bentazon 4 Herbicide may be tank mixed with one of the following products: *MCPA, Pursuit®, Raptor® or **Thistrol®.

- * In order to enhance control of common lambsquarters and pigweed species and, applicators may use a tank mix of Bentazon 4 Herbicide plus MCPA.
- ** Tank mixing with Thistrol® is for use in ME, NH, VT, MA, CT, RI, NY, PA, NJ, VA, MD, DE, WA, ID, and OR. Apply after the 4 node/3-leaf stage and no later than 3 nodes before peas flower. Because of the variation among pea cultivars and treatment, producers and sellers have not determined the safety of a combination of Bentazon 4 Herbicide and Thistrol® for use in all conditions on all pea crops. Applicators must therefore determine whether this tank mix can be used safely before any broader treatment.

Tank Mix Restrictions

- Do NOT use any oil-based additives or any other surfactants or spray additives with the above tank mixes.
- Do NOT treat peas with the above tank mixes when temperatures are greater than 90°F.
- Do NOT treat peas with the above tank mixes once pea flower buds have emerged.
- Avoid drift. Non-target crops may be severely damaged by drift.
- The following crops are particularly sensitive to Thistrol:
 - Beans
 - Cotton
 - Grapes
 - Ornamentals
 - Tomatoes

PEANUTS

Apply Bentazon 4 Herbicide to peanuts from peanut cracking through pegging.

In-furrow applications of nematocides and/or insecticides may increase the likelihood of crop injury from treatment with Bentazon 4 Herbicide.

Hay and forage from peanut crops may be used as livestock feed.

Restrictions

- Do NOT allow grazing in treated fields for a minimum of 50 days after Bentazon 4 Herbicide is last applied.

Tank Mixes

NOTE: The following tank mixes are not applicable in California.

Bentazon 4 Herbicide may be tank mixed with one of the following products: Avalon, UltraBlazer, Outlook®, Poast®, *Paraquat, or 2,4-DB amine.

- * Apply this tank mix combination at the ground crack stage of growth in order to control early weed flushes. A second treatment may be applied up to 28 days after ground crack stage. Applicators must mix this tank mixture with a nonionic surfactant containing at least 50% surface active agent at specified rates.

Tank Mix Restrictions

- Do NOT combine ammonium sulfate or a UAN solution with a Bentazon 4 Herbicide/Avalon, UltraBlazer/Poast tank mix.
- Do NOT use with a tank mix of Bentazon 4 Herbicide plus Paraquat.
- Do NOT use any oil based additive or UAN with a tank mix of Bentazon 4 Herbicide plus 2,4-DB.
- Only use amine formulations of 2,4-DB.

RICE

(Not for use in California)

Treat with Bentazon 4 Herbicide as an early postemergence application, prior to target weeds reaching the growth stages listed in the *Application Rates* for Rice tables below.

Application Instructions

In order to achieve the best coverage with Bentazon 4 Herbicide, orient nozzles straight back. Do not place nozzles further out than three quarters of the distance from the center of the aircraft to the end of the rotor or wing.

Alternate Flooding Culture

In TX, LA, AR, and MS, the weed growth of target species corresponds generally to tillering (stooling) rice before the field is permanently flooded.

Apply Bentazon 4 Herbicide a minimum of 24 hours prior to flooding when there is no water on the treatment area.

If application of Bentazon 4 Herbicide is not possible prior to flooding, refer to the Continuous Flooding Culture section below.

Continuous Flooding Culture

In states where continuous flooding culture is used, or when Bentazon 4 Herbicide is applied after permanent flooding, apply this product when target species are above the water surface. Control of target species that are under water when this product is applied will be inadequate.

In order to make an early application of Bentazon 4 Herbicide, water may be completely or partially drained in order to expose target species to treatment. The water level must not be raised for a minimum of 24 hours after treatment. Early flooding following application may result in inadequate control.

Applicators must not use ground equipment to treat flooded fields. The resultant splashing will wash Bentazon 4 Herbicide off the surface of the weed resulting in inadequate control.

Restrictions

- Straw from rice may be used to feed livestock.
- Do not apply Bentazon 4 Herbicide in a field where there is commercial cultivation of crayfish or catfish.
- Water treated with this product or containing residue of Bentazon 4 Herbicide from rice must not be used for the irrigation of crops that are not labeled for treatment with Bentazon 4 Herbicide.
- Do not exceed 4 pints of Bentazon 4 Herbicide per acre per season. This applies whether there one or two rice crops grown that season (including ratoon).

Application Rates for Rice – Flooded Fields

Weeds Controlled	Application Rate (Pints)	Max. Height Above Soil (inches)	Height Range Above Water Level (inches)	Comment
Cocklebur	1.5	10	3-6	If after the first application of Bentazon 4 Herbicide a second weed flush occurs, re-apply this product to the treatment area in accordance with this table.
	2.0	15	6-10	
Dayflower	1.5	6	3-5	
	2.0	10	5-8	
Redstem	1.5	4	2-3	
	2.0	8	4-6	
Smartweed	1.5	6	2-5	
	2.0	10	5-8	
Water Plantains, Arrowhead	1.5	Not Rec.	-	
	2.0	7	5-6	
Water Plantains, Common	1.5	Not Rec.	-	
	2.0	7	5-6	
Yellow Nutsedge	1.5	6	4-5	
	2.0	10	6-8	

Application Rates for Rice – Drained Fields

Weeds Controlled	Application Rate (pints)	Leaf Stage (leaves)	Max. Height (inches)	Comment
Cocklebur	1.5	2-10	10	If after the first application of Bentazon 4 Herbicide a second week flush occurs, re-apply this product to the treatment area in accordance with this table.
	2.0	10-15	15	
Dayflower	1.5	2-10	6	
	2.0	10-15	10	
Ducksalad	1.5	Not Rec.	-	
	2.0	6-10	6	
Eclipta	1.5	4-6	2	
	2.0	4-6	2	
Gooseweed	1.5	4-6	4	
	2.0	6-10	8	
Redstem	1.5	up to 6	4	
	2.0	6-10	8	
Redweed	1.5	4-6	6	
	2.0	6-10	8	
Smartweed	1.5	2-10	6	
	2.0	10-15	10	
Spikerush	1.5	2-6	6	
	2.0	6-8	8	
Water Plantains, Arrowhead	1.5	Not Rec.	-	
	2.0	up to 4	7	
Water Plantains, Common	1.5	Not Rec.	-	
	2.0	up to 4	7	
Yellow Nutsedge	1.5	4-6	6	
	2.0	6-8	10	

Tank Mixes

Bentazon 4 Herbicide may be tank mixed with one of the following products: Avalon, UltraBlazer, Facet® 75 DF, Londax®, Propanil, *Storm®.

* Apply this tank mix at a rate of 1.5 pints of Storm combined with 0.5 - 1.0 pint of Bentazon 4 Herbicide per acre after the 3-leaf stage.

Tank Mix Restrictions

- The Bentazon 4 Herbicide plus Londax® herbicide tank mixture must be applied within 7 days of the establishment of permanent flood.
- The Bentazon 4 Herbicide plus propanil tank mix must only be applied to drained fields.
- Do not use crop oil concentrate in tank mixes with propanil. Tank mix this product with propanil according to the active ingredient content in the product used. Propanil tank mixes must be tested for physical compatibility with Bentazon 4 Herbicide prior to application.

SOYBEANS

Although soybeans are tolerant at all stages of growth to applications of Bentazon 4 Herbicide, under certain conditions, slight leaf bronzing and speckling may occur. Soybean crops will outgrow these conditions in general, within 10 days.

Restrictions

- Do not allow grazing on treated areas for 30 days (minimum) after the last application of Bentazon 4 Herbicide.
- Do not cut treated soybean for forage or hay for 30 days (minimum) after the last application of Bentazon 4 Herbicide.

Tank Mixes

NOTE: The following tank mixes do not apply to California.

Bentazon 4 Herbicide may be tank mixed with one of the following products*: Avalon, ** Chlorimuron + Thifensulfuron, Classic®, Cobra®, **Concert® II, FirstRate®**, Flexstar®, Outlook®, Liberty®, Poast®, Poast Plus®, Pursuit®, Raptor®, Reflex®, Resource®, Roundup® Ultra, Scepter®, Synchrony® XP, **Thifensulfuron, UltraBlazer or 2,4-DB amine.

* Includes RoundUp Ready®, Liberty Link® and STS™ varieties.

** UAN at a rate of 2-4 pints per acre and a nonionic surfactant at a rate of 1-2 pints per 100 gallon are recommended for these tank mixtures.

Tank Mix Restrictions

- Bentazon 4 Herbicide plus Avalon or UltraBlazer plus Poast: an oil concentrate must be used with this tank mix instead of a spray surfactant.
- Bentazon 4 Herbicide plus Chlorimuron + Thifensulfuron: Do not use an oil concentrate with this tank mix except in soybean varieties designated as STS.

Restrictions: Bentazon 4 Herbicide plus 2,4-DB Amine Tank Mix

- Only use 2,4-DB that is an amine formulation, and do not use any adjuvant, other than UAN at a rate of 2-4 pints per acre with this tank mix.
- Do not exceed 1 treatment of this tank mix per season.
- Treatment with this tank mix will result in crop damage (e.g. bronzing, crinkling or burning) which may cause a reduction in yield.
- Do not treat soybeans that show signs of disease such (e.g. phytophthora root rot) with this tank mix.

Mixing Bentazon 4 Herbicide with Insecticides

If foliar control or postemergence control of certain insects is required in the soybean crop, Bentazon 4 Herbicide may be combined with an insecticide. In order to do so, the specified application time of the insecticide product must coincide with the specified application time of this product.

NOTE: Bentazon 4 Herbicide must NOT be tank mixed with Sevin® or malathion insecticides.

Bentazon 4 Herbicide may be tank mixed with one of the following insecticides: dimethoate, Pounce®, Pydrin® or Lorsban® 4E.

Applying a tank mix of this product plus an insecticide may increase the likelihood of crop damage. The conditions in which this product is mixed with an insecticide product may vary. Certain conditions may reduce mixing quality. Test the proposed combination of insecticide and Bentazon 4 Herbicide in accordance with the Compatibility Test for Mix Components section, prior to application.

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. Do not store or use near oxidizing agents.

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:

Nonrefillable Container (five gallons or less): Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or reconditioning if appropriate or puncture and dispose of in a sanitary landfill or by incineration.

Nonrefillable Container (greater than five gallons): Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling if available or reconditioning if appropriate or puncture and dispose of in a sanitary landfill or by incineration.

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If terms of the following Warranty Disclaimer, Inherent Risks of Use, and Limitation of Remedies are not acceptable, return unopened package at once to the seller for a full refund of purchase price paid. Otherwise, use by the buyer or any other user constitutes acceptance of the terms under Warranty Disclaimer, Inherent Risks of Use and Limitations of Remedies.

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It is impossible to eliminate all risks associated with use of this product. Crop injury, lack of performance, or other unintended consequences may result because of such factors as use of the product contrary to label instructions (including conditions noted on the label, such as unfavorable temperatures, soil conditions, etc.), abnormal conditions (such as excessive rainfall, drought, tornadoes, hurricanes), presence of other materials, the manner of application, or other factors, all of which are beyond the control of Tacoma Ag, LLC or the seller. All such risks shall be assumed by buyer.

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The exclusive remedy for losses or damages resulting from this product (including claims based on contract, negligence, strict liability, or other legal theories), shall be limited to, at Tacoma Ag, LLC's election, one of the following: (1) Refund of purchase price paid by buyer or user for product bought, or (2) Replacement of amount of product used.

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NOTES

NOTES

BENTAZON 4

Herbicide

PEEL BACK BOOK HERE ▲

This product may be used as a postemergence application to control sedges and broadleaf weeds in peanuts, corn, beans, clover grown for seed (Washington and Oregon Only), peas, rice, soybeans, sorghum, spearmint and peppermint.

ACTIVE INGREDIENT:

Sodium salt of bentazon* [sodium 3-(1-methylethyl)-1*H*-2,1,3-benzothiadiazin-4(3*H*)-one 2,2-dioxide] 44.0%

OTHER INGREDIENTS: 56.0%

TOTAL: 100.0%

*Equivalent to 4 pounds of bentazon per gallon

KEEP OUT OF REACH OF CHILDREN

CAUTION

FIRST AID	
If on skin or clothing:	<ul style="list-style-type: none"> • 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 swallowed:	<ul style="list-style-type: none"> • 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:	<ul style="list-style-type: none"> • Hold eye 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 eye. • 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. You may also contact CHEMTREC at 1-800-424-9300 for emergency medical treatment information.	

See label booklet for additional Precautionary Statements and Directions for Use including Storage and Disposal instructions.

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Manufactured for:

Tacoma Ag, LLC
P.O. Box 14073
Durham, NC 27709

Net Contents: 2.5 Gallons