

PULL HERE TO OPEN ▲

BROMOXYNIL	GROUP	6	HERBICIDE
MCPA	GROUP	4	HERBICIDE

Bison®

FOR CONTROL OF CERTAIN BROADLEAF WEEDS IN WHEAT, BARLEY, OATS, RYE, FLAX, CONSERVATION RESERVE PROGRAM (CRP) AREAS, AND GRASSES GROWN FOR SEED OR SOD PRODUCTION

ACTIVE INGREDIENT:

2-ethylhexyl ester of 2-methyl-chlorophenoxyacetic acid**	34.0%
Octanoic acid ester of bromoxynil*	
(3,5-dibromo-4-hydroxybenzotrile)	31.7%
OTHER INGREDIENTS***:	34.3%
TOTAL	100.0%

*Bromoxynil octanoate equivalent to 21.8% of bromoxynil, or not less than 2 lbs. of bromoxynil per gal.

**Equivalent to 21.8% 2-methyl-chlorophenoxyacetic acid, or not less than 2 lbs. MCPA acid per gal.

***Contains Petroleum Distillate

KEEP OUT OF REACH OF CHILDREN WARNING / AVISO

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 SWALLOWED:

- Call a poison control center or doctor immediately for treatment advice.
- Do not give any liquid to person.
- Do not give anything by mouth to an unconscious person.
- Do not induce vomiting unless told to by a poison control center or doctor.

IF IN EYES:

- 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.
- Call a poison control center or doctor for treatment advice.

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 INHALED:

- Move person to fresh air.
- If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.
- Call a poison control center or doctor for further treatment advice.

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may contact 1-877-424-7452 for emergency medical treatment information.

Note to Physician: The product contains petroleum distillate - vomiting may cause aspiration pneumonia.

NET CONTENTS: 2.5 GALLONS (9.46 L)

EPA Reg. No. 9779-347
EPA Est. No. 42750-MO-001
40602AS0022

DISTRIBUTED BY:
WINFIELD SOLUTIONS, LLC
P.O. BOX 64589
ST. PAUL, MN 55164-0589

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PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING: May be fatal if swallowed. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Avoid breathing spray mist.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to wildlife and fish, aquatic invertebrates and aquatic plants. Use with care when applying to areas frequented by wildlife or adjacent to any body of water. 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 apply when weather conditions favor drift from target areas. Do not contaminate water when disposing of equipment washwaters or rinsate. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas.

PHYSICAL AND CHEMICAL HAZARDS

Do not use or store near heat or open flame.

NOTICE

BISON® Herbicide contains low volatile ethylhexyl ester of MCPA. At high air or ground surface temperatures, vapors from this product may cause injury to susceptible plants. This fact should be considered when applying BISON®.

STORAGE AND DISPOSAL

Pesticide Storage: Do not contaminate water, food or feed by storage or disposal. Store at temperatures above 3°F. If allowed to freeze, remix before using.

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: Use label language appropriate for container size and type. **Nonrefillable containers.** Do not reuse or refill this container. Clean container promptly after emptying.

Nonrefillable container equal to or less than 5 gallons. 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 ¼ 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 or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Nonrefillable container greater than 5 gallons. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ 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 or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

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

ITEM # 10014648

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING: May be fatal if swallowed. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Avoid breathing spray mist.

Personal Protective Equipment (PPE):

Mixers, loaders, applicators, flaggers and other handlers must wear:

- Long-sleeved shirt and long pants,
- Shoes plus socks, and
- Chemical-resistant gloves made of barrier laminate, nitrile rubber \geq 14 mils, neoprene rubber \geq 14 mils, or viton \geq 14 mils.

Additionally, mixers and loaders supporting aerial application to noncropland must also wear:

- A chemical-resistant apron.

See **ENGINEERING CONTROLS** for additional requirements.

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

ENGINEERING CONTROLS

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

Pilots must use an enclosed cockpit that meets the requirements listed in the WPS for agricultural pesticides [40 CFR 170.240(d)(6)].

Handlers must use closed mixing/loading systems during mixing/loading liquids for aerial applications to fallow land and high acreage field crops (barley, flax, oats, rye, wheat, grass grown for seed).

If you will handle a total of 60 gallons or more of this product per day, you must use a mechanical transfer system for all mixing and loading operations. However, as noted above, for aerial applications and regardless of total gallonage, handlers must always use closed mixing/loading systems during mixing and loading liquids for application to fallow land; and high acreage field crops (barley, flax, oats, rye, wheat grass grown for seed).

If this product is packaged in a 30 gallon drum, you must use a mechanical transfer system which terminates in a drip-free hard coupling which may be used only with a spray or mix tank which has been fitted with a compatible coupling. If you do not presently own or have access to a mechanical transfer system with this type of coupling, contact your dealer for information on how to obtain such a system or to modify your present system. When using a mechanical transfer system, do not remove or disconnect the pump or probe from the container until the container has been emptied and rinsed. The pump or probe system must be used to rinse the empty container and to transfer the rinsate directly to the mixing or spray tank.

Application from a tractor with a completely enclosed cab or aerial application is required whenever this product is applied to 360 or more acres in a day. The closed systems and enclosed cabs must be used 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 the WPS. To reduce exposure to residues, wash the spray rig, tractor, and all other equipment used to handle or apply this product with water daily or before using the equipment for any other purpose.

USER SAFETY RECOMMENDATIONS

Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove PPE/clothing immediately if pesticide gets inside. Remove PPE immediately after handling this product. Then wash thoroughly and put on clean clothing. Wash the outside of gloves before removing.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to wildlife and fish, aquatic invertebrates and aquatic plants. Use with care when applying to areas frequented by wildlife or adjacent to any body of water. 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 apply when weather conditions favor drift from target areas. Do not contaminate water when disposing of equipment washwaters or rinsate. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas.

Groundwater Advisory

MCPA is known to leach through soil into groundwater under certain conditions as a result of label use. This chemical may leach into groundwater if used in areas where soils are permeable, particularly where the water table is shallow.

Surface Water Advisory

This product may impact surface water quality due to runoff of rain water. This is especially true for poorly draining soils and soils with shallow ground water.

This product is classified as having high potential for reaching surface water via runoff for several months or more after application.

A level, well-maintained vegetative buffer strip between areas to which this product is applied and surface water features such as ponds, streams, and springs will reduce the potential loading of MCPA from runoff water and sediment. Runoff of this product will be reduced by avoiding applications when rainfall or irrigation is expected to occur within 48 hours.

Non-Target Organism Advisory

This product is toxic to plants and may adversely impact the forage and habitat of non-target organisms, including pollinators, in areas adjacent to the treated site. Protect the forage and habitat of non-target organisms by following label directions intended to minimize spray drift.

Reporting Ecological Incidents

To report ecological incidents, including mortality, injury, or harm to plants and animals, call 1-855-494-6343.

PHYSICAL AND CHEMICAL HAZARDS

Do not use or store near heat or open flame.

NOTICE

BISON® Herbicide contains low volatile ethylhexyl ester of MCPA. At high air or ground surface temperatures, vapors from this product may cause injury to susceptible plants. This fact should be considered when applying BISON®.

USE DIRECTIONS

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Read entire label before using this product. 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.

Endangered Species Protection Requirements

It is a Federal offense to use any pesticide in a manner that results in an unauthorized "take" (e.g., kill or otherwise harm) of an endangered species and certain threatened species, under the Endangered Species Act section 9. When using this product, you must follow the measures contained in the Endangered Species Protection Bulletin for the area in which you are applying the product. You must obtain a Bulletin no earlier than six months before using this product. To obtain Bulletins, consult <http://www.epa.gov/esspp/>, call 1-844-447-3813, or email ESPP@epa.gov. You must use the Bulletin valid for the month in which you will apply the product.

AGRICULTURAL USE REQUIREMENTS

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

Do not enter or allow worker entry into treated areas (including sod farms) during the restricted-entry interval (REI) of 24 hours, with the exception of grass. For grass, do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 2 days.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is: coveralls, chemical-resistant gloves made of barrier laminate, nitrile rubber \geq 14 mils, neoprene rubber \geq 14 mils, or viton \geq 14 mils, chemical-resistant footwear plus socks, and protective eyewear.

NON-AGRICULTURAL USE REQUIREMENTS

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

Do not allow people or pets to enter the treated area until sprays have dried.

PRODUCT INFORMATION

BISON[®] is formulated as an emulsifiable concentrate containing the equivalent of 2 lbs. per gallon of bromoxynil and 2 pounds per gallon of MCPA acid. BISON[®] is a selective postemergence herbicide for control of important broadleaf weeds infesting wheat, barley, oats, rye, flax, CRP (Conservation Reserve Program) areas, and grasses grown for seed. Optimum weed control is obtained when BISON[®] is applied to actively growing weed seedlings. BISON[®] is primarily a contact herbicide; therefore, thorough coverage of the weed seedlings is essential for optimum control.

BISON[®] has little residual activity. Therefore, subsequent flushes of weeds will not be controlled by the initial treatment. Generally, crops that form a good canopy will help shade subsequent weed flushes. However, certain crops or short-straw varieties, for example, Yaccora Rojo wheat, may not develop the crop canopy fast enough to shade the subsequent flushes of weeds.

Occasional transitory leaf burn may occur. The temporary leaf burn is similar to that seen with liquid fertilizer. Because the activity of BISON[®] is mainly contact, recovery of the crop is generally rapid with no lasting effect. Frequency and amount of leaf burn may be greater when crops are stressed by abrasive winds, cool to cold evening temperatures or mechanical injury, such as that caused by hail, sleet, or insect feeding. To reduce the potential for temporary leaf burn, applications should be made to dry foliage in the recommended spray volumes per acre when weather conditions are not extreme.

General Use Restrictions

- Do not apply with backpack or hand-held application equipment.
- Do not apply to residential, playground, school yard or golf course turf.
- Aerial applications to fallow land is restricted within 25 feet of residential areas (e.g., homes, schools, playgrounds, shopping areas, hospitals, etc.).

MIXING, LOADING AND HANDLING INSTRUCTIONS

See the **ENGINEERING CONTROLS** section for additional information.

BISON[®] ALONE: Fill the spray tank 1/2 to 3/4 full with clean water. Begin agitation and add the recommended amount of BISON[®]. Add water to the spray tank to the desired level. Maintain sufficient agitation to ensure a uniform spray mixture during application.

TANK MIXTURES: BISON[®] can be applied in tank mixture with many other herbicides and insecticides registered for use on approved crops. It is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture. Refer to the specific crop section for rate directions and other restrictions.

To apply BISON[®] in mixture with another product, fill the spray tank 1/2 to 3/4 full with clean water and begin agitation. If tank mixing with wettable powder, soluble powder, flowable or dry flowable products, add the powder or flowable product first. After the other herbicide is thoroughly mixed with water, add the directed amount of BISON[®] and add water to the spray tank to the desired level. If tank mixing with other product types, add the BISON[®] first before adding the other product. Always mix one product in water thoroughly before adding another product or compatibility problems may occur. Never mix two products together without first mixing in water.

Maintain sufficient agitation while mixing and during application to ensure a uniform spray mixture. If spray mixture is allowed to remain without agitation for short periods of time, be sure to agitate until uniformly mixed before application.

If tank mixing with products other than those listed within each crop section, a compatibility test is recommended to ensure satisfactory spray preparation. To test for compatibility, use a small container and mix a small amount (0.5 to 1 quart) of spray, combining all ingredients in the same ratio as the anticipated use. If any indications of physical incompatibility develop, do not use this mixture for spraying. Indications of incompatibility usually will appear within 5 to 15 minutes after mixing. To ensure maximum crop safety and weed control, follow all cautions and limitations on this label and the labels of products used in the tank mixture with BISON[®].

SPRAYABLE LIQUID FERTILIZERS AND SPRAY ADDITIVES

BISON[®] can be applied in combination with sprayable liquid fertilizer or spray additives such as surfactants or crop oil concentrate. When an adjuvant is to be used with this product, Winfield Solutions, LLC recommends the use of a Council of Producers & Distributors of Agrotechnology certified adjuvant.

When tank mixing with liquid fertilizer, always add the fertilizer to the spray tank first and agitate thoroughly before adding BISON[®]. Always predetermine the compatibility with liquid fertilizer by mixing small proportional quantities in advance. Agitation must be maintained during filling and application operations to ensure that BISON[®] is evenly mixed with the fertilizer. Leaf burn may occur when BISON[®] is applied with liquid fertilizer, but new leaves are not adversely affected.

NOTE: Fertilizers and spray additives can increase foliage leaf burn when applied with BISON®. Do not apply fertilizers or spray additives with BISON® if leaf burn is a major concern due to environmental conditions, crop or variety sensitivity to BISON®.

APPLICATION PROCEDURES

BISON® can be applied to registered use areas by ground, aerial and sprinkler irrigation equipment.

GROUND APPLICATION

Use a standard herbicide boom sprayer that provides uniform and accurate application. Sprayer should be equipped with screens no finer than 50 mesh in the nozzle tips and in-line strainers.

Select a spray volume and delivery system that will ensure thorough and uniform spray coverage. Raindrop® nozzles and flood nozzles are not recommended as weed control with BISON® may be reduced. In general, a spray volume of 10 to 20 gallons per acre (GPA) is recommended for optimum spray coverage. A minimum of 5 GPA with a minimum spray pressure of 50 psi and a maximum ground speed of 10 mph may be used with higher speed, low volume ground application if ground terrain, crop and weed density allow effective spray distribution. When using higher speed equipment, a maximum ground speed of 10 mph is suggested if field conditions cause excessive boom movement during application which results in poor spray coverage.

Ground applications made when dry, dusty field conditions exist may provide reduced weed control in wheel track areas. Applications using less than 10 gallons per acre may result in reduced weed control.

When weed infestations are heavy, use of higher spray volumes and spray pressure will be helpful in obtaining uniform weed coverage. When the crop is large enough to interfere with the spray pattern, drop nozzles should be used to obtain uniform weed coverage. If you are unsure of the infestation level or size of crop, consult your local extension service.

See the **SPRAY DRIFT MANAGEMENT** section of the label for mandatory spray drift mitigation measures and spray drift advisories.

AERIAL APPLICATION

Unless otherwise specified on this label use a minimum spray volume of 5 gallons per acre. A minimum spray volume of 3 gallons per acre may be used if crop canopy and weed density allow adequate spray coverage. Aerial applications using less than 5 gallons of spray volume per acre may result in reduced weed control.

Human flaggers are prohibited unless in an enclosed vehicle.

Aerial applications to fallow land is restricted within 25 feet of residential areas (e.g., homes, schools, playgrounds, shopping areas, hospitals, etc.).

See the **SPRAY DRIFT MANAGEMENT** section of the label for mandatory spray drift mitigation measures and spray drift advisories.

SPRAY DRIFT MANAGEMENT

Avoiding spray drift at the application site is the responsibility of the applicator. The interaction of many equipment-and-weather-related factors determine the potential for spray drift. The applicator and the grower are responsible for considering all these factors when making decisions.

Where states have more stringent regulations, they should be observed.

MANDATORY SPRAY DRIFT MANAGEMENT

Aerial Applications:

- Do not release spray at a height greater than 10 ft above the ground or vegetative canopy, unless a greater application height is necessary for pilot safety.
- Applicators must use ½ swath displacement upwind at the downwind edge of the field.
- Do not apply when wind speeds exceed 10 miles per hour at the application site.
- Applicators are required to select a nozzle and pressure that delivers a medium or coarser droplet size (ASABE S572 and S641).
- The distance of the outer most nozzles on the boom must not exceed 75% of the length of the wingspan or 90% of the rotor diameter
- Do not apply during temperature inversions.

Ground Boom Applications:

- User must only apply with the release height recommended by the manufacturer, but no more than 4 feet above the ground or crop canopy.
- Applicators are required to select a nozzle and pressure that delivers a medium or coarser droplet size (ASABE S572).
- Do not apply when wind speeds exceed 10 miles per hour at the application site.
- Do not apply during temperature inversions.

Boomless Ground Applications:

- Applicators are required to select a nozzle and pressure that delivers a medium or coarser droplet size (ASABE S572).
- Do not apply when wind speeds exceed 10 miles per hour at the application site.
- Do not apply during temperature inversions.

SPRAY DRIFT ADVISORIES

THE APPLICATOR IS RESPONSIBLE FOR AVOIDING OFF-SITE SPRAY DRIFT. BE AWARE OF NEARBY NON-TARGET SITES AND ENVIRONMENTAL CONDITIONS.

Importance of Droplet Size

An effective way to reduce spray drift is to apply large droplets. Use the largest droplets that provide target pest control. While applying larger droplets will reduce spray drift, the potential for drift will be greater if applications are made improperly or under unfavorable environmental conditions.

Controlling Droplet Size – Ground Boom

- **Volume** - Increasing the spray volume so that larger droplets are produced will reduce spray drift. Use the highest practical spray volume for the application. If a greater spray volume is needed, consider using a nozzle with a higher flow rate.
- **Pressure** - Use the lowest spray pressure recommended for the nozzle to produce the target spray volume and droplet size.
- **Spray Nozzle** - Use a spray nozzle that is designed for the intended application. Consider using nozzles designed to reduce drift.

Controlling Droplet Size – Aircraft

- **Adjust Nozzles** - Follow nozzle manufacturers' recommendations for setting up nozzles. Generally, to reduce fine droplets, nozzles should be oriented parallel with the airflow in flight.

Boom Height – Ground Boom

For ground equipment, the boom should remain level with the crop and have minimal bounce.

Release Height – Aircraft

Higher release heights increase the potential for spray drift.

Shielded Sprayers

Shielding the boom or individual nozzles can reduce spray drift. Consider using shielded sprayers. Verify that the shields are not interfering with the uniform deposition of the spray on the target area.

Boomless Ground Applications

Setting nozzles at the lowest effective height will help to reduce the potential for spray drift.

Temperature and Humidity

When making applications in hot and dry conditions, use larger droplets to reduce effects of evaporation.

Temperature Inversions

Drift potential is high during a temperature inversion. Temperature inversions are characterized by increasing temperature with altitude and are common on nights with limited cloud cover and light to no wind. The presence of an inversion can be indicated by ground fog or by the movement of smoke from a ground source or a aircraft smoke generator. Smoke that layers and moves laterally in a concentrated cloud (under low wind conditions) indicates an inversion, while smoke that moves upward and rapidly dissipates indicates good vertical air mixing.

Wind

Drift potential generally increases with wind speed. Applicators need to be familiar with local wind patterns and terrain that could affect spray drift.

Sensitive Areas

The pesticide must only be applied when the potential for drift to adjacent sensitive areas (e.g. residential areas, bodies of water, known habitat for threatened or endangered species, non-target crops) is minimal (e.g. when wind is blowing away from the sensitive areas).

SPRINKLER IRRIGATION APPLICATION

BISON® Herbicide can be applied through sprinkler irrigation systems to small grains (wheat, barley, oats and rye) and grasses grown for seed or sod.

Important: Apply BISON® Herbicide through fixed pipe, overhead sprinkler, or hand-moved pipe irrigation systems only. If hand moved pipe is used for chemigation, the pipe must not be handled in any way until 24 hours after chemigation has been completed and residues have been flushed from the system. When applying by chemigation, no person may enter the application site unless in an enclosed vehicle. Do not apply this product through any other type of irrigation system.

SPECIFIC REQUIREMENTS FOR APPLICATION THROUGH AUTOMATED SPRINKLER IRRIGATION SYSTEM

1. The system must contain a functional check valve, vacuum relief valve, and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.
2. The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
3. The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
4. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
5. The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.
6. Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.
7. Do not apply when wind speed favors drift beyond the area intended for treatment.
8. Agitation is recommended in the pesticide supply tank when applying the BISON® Herbicide.
9. BISON® Herbicide should be applied continuously for the duration of the water application with center pivot and continuous lateral move systems. Application of BISON® Herbicide should be made during the last 30-45 minutes of the irrigation set with other overhead sprinkler systems.
10. For best performance, set the sprinkler system to deliver approximately 0.5 inch or less of water per acre.
11. Remove scale, pesticide residues and other foreign matter from the supply tank and entire injector system. Flush with clean water.
12. If BISON® Herbicide is diluted in the supply tank, fill the tank with half of the water amount desired, add the BISON® and then add remaining water amount with agitation. Always dilute with at least 4 parts water to 1 part BISON®.
13. Start the sprinklers and then inject BISON® Herbicide into the irrigation line. BISON® should be injected with a positive displacement pump into the main line at least 8 feet ahead of a right angle turn to insure adequate mixing. Refer to the BISON® Herbicide label for detailed information on application rates and timings.

CHEMIGATION USER PRECAUTIONS

Application of more than 0.5 inch/acre of irrigation water may result in decreased product performance on certain soils.

Do not apply when conditions favor drift, when system connections or fittings leak, or when nozzles do not provide uniform distribution.

Allow sufficient time for pesticide to be flushed through all the lines and nozzles before turning off irrigation water.

Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from non-uniform distribution of treated water.

Do not connect an irrigation system used for pesticide application to a public water system.

If you have questions about calibration, you should contact State Extension Service specialists, equipment manufacturers or other experts.

A person knowledgeable of the chemigation system and responsible for its operations, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.

WEED LIST

Postemergence application of BISON® Herbicide will control the following weeds when sprayed in the seedling stage. Maximum weed stage of growth is listed under BISON® DIRECTIONS.

MOST SUSCEPTIBLE BROADLEAF WEED SPECIES

Annual sowthistle	<i>(Sonchus oleraceus)</i>	London rocket	<i>(Sisymbrium irio)</i>
Black mustard	<i>(Brassica nigra)</i>	Marshelder	<i>(Iva xanthifolia)</i>
Black nightshade	<i>(Solanum nigrum)</i>	Pennsylvania smartweed	<i>(Polygonum strumarium)</i>
Common cocklebur	<i>(Xanthium strumarium)</i>	Pepperweed spp.	<i>(Lepidium app.)</i>
Common lambsquarters	<i>(Chenopodium album)</i>	Redroot pigweed	<i>(Amaranthus retroflexus)</i>
Common tarweed	<i>(Hemizonia congesta)</i>	Russian thistle	<i>(Salsola kali)</i>
Cow cockle	<i>(Saponaria vaccaria)</i>	Shepherdspurse	<i>(Capsella bursa-pastoris)</i>
Cutleaf nightshade	<i>(Solanum triflorum)</i>	Silverleaf nightshade	<i>(Solanum elaeagnifolium)</i>
Eastern black nightshade	<i>(Solanum ptycanthum)</i>	Smooth pigweed	<i>(Amaranthus hybridus)</i>
Coast fiddleneck	<i>(Amsinckia intermedia)</i>	Spiny pigweed	<i>(Amaranthus spinosus)</i>
Field pennycress	<i>(Thlaspi arvense)</i>	¹ Sunflower	<i>(Helianthus annuus)</i>
Green smartweed	<i>(Polygonum scabrum)</i>	Tall Waterhemp	<i>(Amaranthus tuberculatus)</i>
Hairy nightshade	<i>(Solanum sarachoides)</i>	Tartary buckwheat	<i>(Fagopyrum tataricum)</i>
Horned Poppy	<i>(Glaucium corniculatum)</i>	Tumble mustard	<i>(Sisymbrium altissimum)</i>
Jimsonweed	<i>(Datura stramonium)</i>	Wild buckwheat	<i>(Polygonum convolvulus)</i>
Ladythumb	<i>(Polygonum persicaria)</i>	Wild mustard	<i>(Brassica kaber)</i>
Lanceleaf sage	<i>(Salvia reflexa)</i>	Yellow rocket	<i>(Barbarea vulgaris)</i>

¹For control of sunflower, delay application until first sunflower seedlings emerging are 4 inches in height.

SUSCEPTIBLE BROADLEAF WEED SPECIES

Blue (purple) mustard	<i>(Chlorispora tenella)</i>	Kochia	<i>(Kochia scoparia)</i>
Common groundsel	<i>(Senecio vulgaris)</i>	Mayweed	<i>(Anthemis cotula)</i>
Common ragweed	<i>(Ambrosia artemisiifolia)</i>	Prostrate knotweed	<i>(Polygonum aviculare)</i>
Corn chamomile	<i>(Anthemis arvensis)</i>	Puncture vine	<i>(Tribulus terrestris)</i>
Corn groundsel	<i>(Lithospermum arvense)</i>	Tall morningglory	<i>(Ipomoea purpurea)</i>
Fumitory	<i>(Fumaria officinalis)</i>	Tansy mustard	<i>(Descurainia pinnata)</i>
Giant ragweed	<i>(Ambrosia trifida)</i>	Tarweed	<i>(Hemizonia spp.)</i>
Hemp sesbania	<i>(Sesbania exaltata)</i>	Velvetleaf	<i>(Abutilon theophrasti)</i>
Henbit	<i>(Lamium amplexicaule)</i>	Volunteer Canola	<i>(Brassica napus)</i>
Ivyleaf morningglory	<i>(Ipomoea hederacea)</i>	Wild radish	<i>(Raphanus raphanistrum)</i>
Knawel	<i>(Scleranthus annuus)</i>		

Weeds germinating after spraying will not be controlled.

WEED SUPPRESSION

Canada thistle	<i>(Cirsium arvense)</i>
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BISON® Herbicide applied at 1 1/2 pints per acre provides burn down of top growth. Regrowth may occur. Make applications when Canada thistle is 8 inches tall to the bud stage.

WEED RESISTANCE MANAGEMENT

Bison® contains both a Group 4 herbicide (MCPA) and a Group 6 herbicide (Bromoxynil). Any weed population may contain plants naturally resistant to Group 4 and/or Group 6 herbicides. The resistant biotypes may dominate the weed population if these herbicides are used repeatedly in the same field. Appropriate resistance-management strategies should be followed.

To delay herbicide resistance, take one or more of the following steps:

- Rotate the use of this product or other Group 4 and Group 6 herbicides, within a growing season sequence or among growing seasons, with different herbicide groups that control the same weeds in a field.
- Use tank mixtures with herbicides from a different group if such use is permitted; where information on resistance in target weed species is available use the less resistance-prone partner at a rate that will control the target weed(s) equally as well as the more resistance-prone partner. Consult your local extension service or certified crop advisor if you are unsure as to which active ingredient is currently less prone to resistance.
- Adopt an integrated weed-management program for herbicide use that includes scouting and uses historical information related to herbicide use and crop rotation, and that considers tillage (or other mechanical control methods), cultural (e.g., higher crop seeding rates; precision fertilizer application method and timing to favor the crop and not the weeds), biological (weed-competitive crops or varieties) and other management practices.
- Scout fields prior to application to identify the weed species present and their growth stage to determine if the intended application will be effective.
- Scout fields after herbicide application to monitor weed populations for early signs of resistance development. Indicators of possible herbicide resistance include:
 - Failure to control a weed species normally controlled by the herbicide at the dose applied, especially if control is achieved on adjacent weeds.
 - A spreading patch of non-controlled plants of a particular weed species.
 - Surviving plants mixed with controlled individuals of the same species.

If resistance is suspected, prevent weed seed production in the affected area by an alternative herbicide from a different group or by a mechanical method such as hoeing or tillage. Prevent movement of resistant weed seeds to other fields by cleaning harvesting and tillage equipment when moving between fields, and planting clean seed.

- If a weed pest population continues to progress after treatment with this product, discontinue use of this product, and switch to another management strategy or herbicide with a different mode of action, if available.
- Contact your local extension specialist, certified crop advisors, and/or Winfield Solutions, LLC representative for pesticide resistance management and/or integrated weed management recommendations for specific crops and resistant weed biotypes.
- For further information or to report suspected resistance, contact your Winfield Solutions, LLC representative.

WHEAT, BARLEY, OATS AND RYE BISON® DIRECTIONS

PRODUCT	APPLICATION TIMING AND SPECIFIC COMMENTS		
	RATE	CROP	WEEDS
BISON®	1 pint/A	Fall seeded wheat, barley, oats and rye throughout the United States.	MOST SUSCEPTIBLE BROADLEAF WEEDS Apply to weeds up to their 8 leaf stage or 4 inches in height, whichever comes first. If weed forms rosette, apply before weeds exceed 2 inches in diameter.
	1 1/2 - 2 pints/A	Apply to wheat, barley, oats and rye from the 3 leaf stage but before the crop reaches the boot stage and weeds are in growth stages specified under WEEDS.	SUSCEPTIBLE BROADLEAF WEEDS Apply to weeds up to the 4 leaf stage or 2 inches in height, whichever comes first. If weed forms rosette, apply before weeds exceed 1 inch in diameter.
	2 pints/A		Apply to HENBIT, KNAWEL and MAYWEED up to the 4 leaf stage or 2 inches in height, whichever comes first. Apply to KOCHIA and TANSY MUSTARD for improved control when these weeds exceed the recommended stage of growth or are growing under cool, dry conditions.
	1 - 1 1/2 pints/A	Spring seeded wheat and barley except in Idaho, Oregon, Washington, Colorado, Wyoming and Montana.	MOST SUSCEPTIBLE AND SUSCEPTIBLE BROADLEAF WEEDS Apply to weeds that do not exceed the 8 leaf stage or 4 inches in height, whichever comes first. If weed forms rosette, apply before weeds exceed 2 inches in diameter. Apply to KOCHIA up to 2 inches in height
	1 1/2 - 2 pints/A	Apply to wheat, barley, oats and rye from the 3 leaf stage but before the crop reaches the boot stage and when weeds are in growth stages specified under WEEDS.	Apply to KOCHIA that is 2-4 inches in height.
	1 pint/A	Spring seeded wheat, barley, oats and rye in Idaho, Oregon, Washington, Colorado, Wyoming and Montana.	MOST SUSCEPTIBLE BROADLEAF WEEDS Apply to weeds up to the 8 leaf stage or 4 inches in height, whichever comes first. If weed forms rosette, apply before weeds exceed 2 inches in diameter.
	1 1/2 - 2 pints/A	Apply to wheat, barley, oats and rye from the 3 leaf stage but before the crop reaches the boot stage and weeds are in growth stages specified under WEEDS.	SUSCEPTIBLE BROADLEAF WEEDS Apply to weeds up to the 4 leaf stage or 2 inches in height, whichever comes first. If weed forms rosette, apply before weeds exceed 1 inch in diameter.
	2 pints/A		Apply to HENBIT, KNAWEL and MAYWEED up to the 4 leaf stage or 2 inches in height, whichever comes first. Apply to KOCHIA and TANSY MUSTARD for improved control when these weeds exceed the recommended stage of growth or are growing under cool, dry conditions.
Post-harvest 3/4 - 2 pints/A	Make applications following harvest of wheat, barley, oats and rye in the states of North Dakota, South Dakota, Minnesota, and Montana. Do not plant any rotational crop until the following use season.	Apply 3/4 to 1 pint/A to MOST SUSCEPTIBLE BROADLEAF WEEDS up to the 8 leaf stage or 4 inches in height, whichever comes first. Apply 1 1/2 to 2 pints/A to SUSCEPTIBLE BROADLEAF WEEDS up to the 4 leaf stage or 2 inches in height, whichever comes first. For control of both grasses and broadleaf weeds, tank mix Bison® with Roundup® or Roundup + 2,4-D such as Weedone® or Weedar® brand herbicides. It is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture.	

WHEAT, BARLEY, OATS AND RYE BISON® TANK MIXTURE DIRECTIONS

PRODUCT	RATE	APPLICATION TIMING AND SPECIFIC COMMENTS	
		CROP	WEEDS
BISON® + MCPE Phenoxy Herbicide *See Tank Mix Precaution below.	3/4 - 2 pints/A + 1/4 - 1/2 pint/A	Apply to spring seeded wheat, barley, oats and rye from tillering stage, but before boot stage.	For control of MOST SUSCEPTIBLE and SUSCEPTIBLE weeds and improved control of redroot pigweed and kochia. Apply to weeds up to the 8 leaf stage, 3 inches in height or 2 inches in diameter, whichever comes first. Apply to kochia and redroot pigweed up to 2 inches in height or diameter.
BISON® + Glean® + nonionic surfactant *See Tank Mix Precaution below.	3/4 - 1 1/2 pints/A + 1/6 - 1/3 oz/A + 1 qt/100 gal of water	Apply to wheat and barley from the 3-leaf stage but before the crop reaches the boot stage. Refer to Glean label for crop rotation and other restrictions.	This tank mix improves control of broadleaf weeds such as henbit, tansy mustard and chickweed. Apply to weeds up to the 8 leaf stage, 4 inches in height or 2 inches in diameter, whichever comes first.
BISON® + Finesse® + nonionic surfactant *See Tank Mix Precaution below.	3/4 - 1 1/2 pints/A + 1/6 - 1/3 oz/A + 1 qt/100 gal of water	Apply to wheat and barley from the 3-leaf stage but before the crop reaches the boot stage. Refer to Finesse label for crop rotation and other restrictions.	This tank mix improves control of broadleaf weeds such as henbit, tansy mustard and chickweed. Apply to weeds up to the 8 leaf stage, 4 inches in height or 2 inches in diameter, whichever comes first.
BISON® + Ally® + nonionic surfactant *See Tank Mix Precaution below.	3/4 - 1 1/2 pints/A + 1/10 oz/A + 1 qt/100 gal of water	Apply to wheat and barley from the 3-leaf stage but before the crop reaches the boot stage. Refer to Ally label for crop rotation and other restrictions.	This tank mix improves control of broadleaf weeds such as henbit, tansy mustard and chickweed. Apply to weeds up to the 8 leaf stage, 4 inches in height or 2 inches in diameter, whichever comes first.

(continued)

WHEAT, BARLEY, OATS AND RYE (continued)

BISON® TANK MIXTURE DIRECTIONS

PRODUCT	RATE	APPLICATION TIMING AND SPECIFIC COMMENTS	
		CROP	WEEDS
BISON® + Harmony® Extra + nonionic surfactant *See Tank Mix Precaution below.	3/4 - 1 1/2 pints/A + 3/10 - 1/2 oz/A + 1 qt/100 gal of water	Winter wheat. Apply from the 3 leaf stage but before the 3 rd node is detectable. Refer to the Harmony Extra label for crop rotation and other restrictions. Spring wheat and barley. Apply after the 3 leaf stage but before the 1st node is detectable. Refer to the Harmony Extra label for crop rotation and other restrictions.	This tank mix improves control of broadleaf weeds such as henbit, chickweed and redroot pigweed. Apply to weeds up to the 8 leaf stage, 4 inches in height or across, whichever comes first.
BISON® + Amber® + nonionic surfactant *See Tank Mix Precaution below.	3/4 - 1 1/2 pints/A + 0.28 - 0.56 oz/A + 0.25% v/v	Apply to wheat and barley from the 3 leaf stage, but before the flag leaf is visible. Refer to the Amber label for crop rotation and other restrictions.	This tank mix improves control of broadleaves such as henbit, tansy mustard, and pigweed. Apply to weeds up to the 4 leaf stage, 4 inches in height or 2 inches in diameter, whichever comes first.
BISON® + Express® + nonionic surfactant *See Tank Mix Precaution below.	3/4 - 1 1/2 pints/A + 1/6 - 1/3 oz/A + 1 qt/100 gal of water	Wheat and barley. Apply from the 3 leaf stage but before the flag is visible. Refer to the Express label for crop rotation and other restrictions.	This tank mix improves control of broadleaf weeds such as henbit, chickweed, redroot pigweed and suppression of Canada thistle. Apply to annual weeds up to the 8 leaf stage, 4 inches in height or across, whichever comes first, and to Canada thistle 4 to 8 inches tall with 2 to 6 inches of new growth.
BISON® + Curtail® or Curtail M *See Tank Mix Precaution below.	3/4 - 1 1/2 pints/A + 2 pints/A	Apply to wheat and barley after the crop begins to tiller up to the 1st node detectable.	This tank mix improves control of kochia, wild buckwheat and suppression of Canada thistle. Apply to annual broadleaf weeds up to the 8 leaf stage, 4 inches in height or 2 inches in diameter and to Canada thistle in the rosette to prebud stage.
BISON® + metribuzin (Dimetic® DF 75% or Sencor®) *See Tank Mix Precaution below.	1 pint/A + 1/8 - 3/16 pints/A	Winter wheat in Idaho, Oregon and Washington. Apply in spring after growth has started and secondary roots with a minimum of 3 to 4 tillers have been established, but before the forming of joints in the stem. Avoid application when crop has experienced winter kill, frost damage, disease or drought.	This tank mix improves control of broadleaf weeds such as chickweed, filaree, henbit. Apply to weeds up to the 4 leaf stage, 2 inches in height or diameter, whichever comes first. A recognized authority should be consulted concerning the use of this mixture in your area.
BISON® + Assert® *See Tank Mix Precaution below.	1 - 1 1/2 pints/A + 1 - 1 1/2 pints/A	Apply to wheat and barley from the 3 leaf stage but before boot stage. Refer to Assert label for crop rotation and other restrictions.	This tank mix will provide wild oat control in addition to broadleaf weeds. Apply to wild oats at the 1-4 leaf stage and broadleaf weeds up to the 8 leaf stage, 4 inches in height or 2 inches in diameter, whichever comes first. Use Assert at 1 1/2 pints/A west of the Rocky Mountains or if wild oats have initiated tillering. For spray volumes in excess of 10 GPA, add 0.3 fluid oz of nonionic surfactant for each gallon in excess of 10 GPA.

RESTRICTIONS: WHEAT, BARLEY, OATS AND RYE

- Do not graze treated fields within 45 days after application.
- Do not apply when crops are under moisture stress.
- Do not apply when crop canopy covers the weeds as poor control will result.
- Reduced weed control may occur when weeds are stressed from lack of moisture or cold temperatures.
- Refer to labels of products used in tank mixture for additional restrictions and precautions.
- Do not apply more than 2 pts. of this product (0.5 lb bromoxynil and 0.5 lb MCPA acid) per acre per year.
- Do not apply more than 0.5 lb of bromoxynil per acre per year or 0.75 lb. of MCPA acid equivalent per acre per year when applying alone or tank mixing with other products that contain MCPA or bromoxynil.
- Apply up to boot stage.
- **Plantback Interval** 30 days after the last application, wheat, barley, oats, and rye treated with MCPA may be replanted with any crop specified on an MCPA label or any crop for which a residue tolerance exists for MCPA. For crops not listed on an MCPA label, or on crops for which no residue tolerances for MCPA have been established, a 60 day plantback interval must be observed.

TANK MIX PRECAUTION:

- It is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture.

FLAX (*Linum usitatissimum* only) BISON® DIRECTIONS

PRODUCT	RATE	APPLICATION TIMING AND SPECIFIC COMMENTS	
		CROP	WEEDS
BISON®	0.9 pint/A	Apply to flax that is 2 to 8 inches in height. Do not apply Bison® to flax during or after the bud stage.	Apply to MOST SUSCEPTIBLE weeds that do not exceed the 4 leaf stage, 2 inches in height or 1 inch in diameter, whichever comes first.

RESTRICTIONS: FLAX (*Linum usitatissimum* only)

- Do not apply if temperatures are expected to exceed 85°F at or 3 days following application or crop injury may occur.
- Unacceptable crop injury may occur following Bison® application to flax grown on high organic, peat- type soils.
- Application under high humidity conditions can injure flax.
- Unless otherwise instructed, do not apply Bison® with crop oil concentrate, surfactants or nitrogen solutions.
- Do not use on ornamental flax.
- Do not apply more than 1 pt. of this product (0.25 lb bromoxynil and 0.25 lb MCPA acid) per acre per year.
- Plantback Interval:** 30 days after the last application, flax treated with MCPA may be replanted with any crop specified on an MCPA label or any crop for which a residue tolerance exists for MCPA. For crops not listed on an MCPA label, or on crops for which no residue tolerances for MCPA have been established, a 60 day plantback interval must be observed.

CONSERVATION RESERVE PROGRAM AREAS (CRP) BISON® DIRECTIONS

PRODUCT	RATE	APPLICATION TIMING AND SPECIFIC COMMENTS	
		CROP	WEEDS
BISON®	1 - 2 pints/A	Apply to grasses from the 3 leaf stage	Apply 1 pint/ A to MOST SUSCEPTIBLE and 1 1/2 - 2 pints/ A to SUSCEPTIBLE broadleaf weeds up to the 8-leaf stage, 4 inches in height or 2 inches in diameter, whichever comes first.

RESTRICTIONS: CRP AREAS

- Do not allow livestock to graze in treated areas or feed grass to livestock.
- If legumes are included in CRP area planting, severe injury to the legumes could result from treatment with Bison®.
- Do not apply more than 2 pts. of this product (0.5 lb bromoxynil and 0.5 lb MCPA acid) per acre per year.
- Do not apply more than 2 applications per year at the low rate (1 pt/A), with a minimum retreatment interval of 21 days, or 1 application per year at the high rate (2 pts/A).
- Do not apply more than 0.5 lb bromoxynil per acre per year or 1.5 lbs. acid equivalent MCPA per acre per year when applying alone or tank mixing with other products that contain bromoxynil or MCPA.

GRASSES GROWN FOR SEED OR SOD PRODUCTION BISON® DIRECTIONS Seedling and Established Grasses

PRODUCT	RATE/A	RATE/1000 sq. ft	APPLICATION TIMING AND SPECIFIC COMMENTS	
			CROP	WEEDS
BISON®	1 - 2 pints/A	0.375 - 0.75 fl. oz.	Apply to established and newly seeded grasses grown for seed or sod production before the boot stage. Established grasses tolerant to Bison® include bentgrasses, Kentucky bluegrass, fescues, ryegrasses, Bermuda grass, St. Augustine grass and zoysiagrass. Bison® may also be used on seedling grasses such as Merion, Park, Delta, or common Kentucky bluegrasses, Pennlawn, chewings, Illahee, or Alta fescues, orchard grass, Highland, Seaside, or Astoria bentgrasses, perennial ryegrasses, Bahiagrass and zoysiagrass.	Refer to the WEED LIST for a listing of susceptible broadleaf weeds. Optimal control will be obtained when weeds are treated in the seedling stage (less than 4 leaf stage, 2 inches in height, or 1 inch in diameter).
	Chemigation 2 pints/A	0.75 fl. oz.	Apply to established and newly seeded grasses grown for seed or sod production before the boot stage. Apply through automated sprinkler irrigation systems with mechanical transfer loading system only. See the SPRINKLER IRRIGATION APPLICATION section for complete details. Established grasses tolerant to Bison® include bentgrasses, Kentucky bluegrass, fescues, ryegrasses, Bermuda grass, St. Augustine grass and zoysiagrass. Bison® may also be used on seedling grasses such as Merion, Park, Delta, or common Kentucky bluegrasses, Pennlawn, chewings, Illahee, or Alta fescues, orchard grass, Highland, Seaside, or Astoria bentgrasses, perennial ryegrasses, Bahiagrass and zoysiagrass.	

RESTRICTIONS: Grasses grown for seed or sod production

- Do not allow livestock to graze in treated areas or feed treated grasses to livestock.
- Do not apply Bison® to grasses grown for seed or sod production with backpack or hand-held equipment.
- Do not apply more than 2 pts. of this product (0.5 lb bromoxynil and 0.5 lb MCPA acid) per acre per year.
- Do not apply more than 2 applications per year at the low rate (1 pt/A), with a minimum retreatment interval of 21 days, or 1 application per year at the high rate (2 pts/A).
- Do not apply more than 0.5 lb bromoxynil per acre per year or 1.5 lbs. acid equivalent MCPA per acre per year when applying alone or tank mixing with other products that contain MCPA or bromoxynil.
- For crops on this label or crops with an established MCPA tolerance there is a 30 day PBI. For all other crops there is a 60 day PBI.

STORAGE AND DISPOSAL

Pesticide Storage: Do not contaminate water, food or feed by storage or disposal. Store at temperatures above 3°F. If allowed to freeze, remix before using.

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: Use label language appropriate for container size and type.

Nonrefillable containers. Do not reuse or refill this container. Clean container promptly after emptying.

Nonrefillable container equal to or less than 5 gallons. 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 ¼ full with water and recap. Shake for 10 seconds. Pour rinse into application equipment or a mix tank or store rinse 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 or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Nonrefillable container greater than 5 gallons. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ 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 rinse into application equipment or a mix tank or store rinse for later use or disposal. Repeat this procedure two more times. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinse into application equipment or rinse collection system. Repeat this rinsing procedure two more times. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

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

WARRANTY DISCLAIMER

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Bison®



Herbicide

BROMOXNYL	GROUP	6	HERBICIDE
MCPA	GROUP	4	HERBICIDE

FOR CONTROL OF CERTAIN BROADLEAF WEEDS IN WHEAT, BARLEY, OATS, RYE , FLAX, CONSERVATION RESERVE PROGRAM (CRP) AREAS, AND GRASSES GROWN FOR SEED OR SOD PRODUCTION

ACTIVE INGREDIENT:

2-ethylhexyl ester of 2-methyl-chlorophenoxyacetic acid**	34.0%
Octanoic acid ester of bromoxynil* (3,5-dibromo-4-hydroxybenzonitrile)	31.7%
OTHER INGREDIENTS***:	34.3%
TOTAL	100.0%

*Bromoxynil octanoate equivalent to 21.8% of bromoxynil, or not less than 2 lbs. of bromoxynil per gal.

**Equivalent to 21.8% 2-methyl-chlorophenoxyacetic acid, or not less than 2 lbs. MCPA acid per gal.

***Contains Petroleum Distillate

KEEP OUT OF REACH OF CHILDREN WARNING / AVISO

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 SWALLOWED:**
- Call a poison control center or doctor immediately for treatment advice.
 - Do not give any liquid to person.
 - Do not give anything by mouth to an unconscious person.
 - Do not induce vomiting unless told to by a poison control center or doctor.
- IF IN EYES:**
- 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.
 - Call a poison control center or doctor for treatment advice.
- 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 INHALED:**
- Move person to fresh air.
 - If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.
 - Call a poison control center or doctor for further treatment advice.

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may contact 1-877-424-7452 for emergency medical treatment information.

Note to Physician: The product contains petroleum distillate – vomiting may cause aspiration pneumonia.

EPA Reg. No. 9779-347
EPA Est. No. 42750-MO-001
40602AS0022

NET CONTENTS: 2.5 GALLONS (9.46 L)

DISTRIBUTED BY:
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P.O. BOX 64589
ST. PAUL, MN 55164-0589



(01)00884464517836

ITEM # 10014648