



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

EPA Reg. Number:

89167-99

Date of Issuance:

3/29/21

NOTICE OF PESTICIDE:

Registration
 Reregistration
(under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

AX IMAZAMOX AG

Name and Address of Registrant (include ZIP Code):

AXION AG PRODUCTS, LLC.
1880 FALL RIVER DRIVE, SUITE 100
LOVELAND, CO 80538

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is unconditionally registered in accordance with FIFRA section 3(c)(5) provided that you:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product when the Agency requires all registrants of similar products to submit such data.

Signature of Approving Official:

For
Erik Kraft, Product Manager 24
Fungicide and Herbicide Branch, Registration Division (7505P)
Office of Pesticide Programs

Date:

3/29/21

2. Make the following label changes before you release the product for shipment:
 - Revise the EPA Registration Number to read, “EPA Reg. No. 89167-99.”
3. Submit one copy of the revised final printed label for the record before you release the product for shipment.

Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. Please also note that the record for this product currently contains the following CSFs:

- Basic CSF dated 02/25/2021

If you have any questions, please contact Sayed Islam by phone at 703-347-0290, or via email at islam.sayed@epa.gov



For
Erik Kraft, Product Manager 24
Fungicide Herbicide Branch, Registration Division (7505P)

Enclosure

[Note to reviewer: [Text] in brackets denotes optional or explanatory language]
[Note to reviewer: {Text} in braces denotes where in the final label text will appear]
{BOOKLET FRONT PANEL LANGUAGE}

IMAZAMOX	GROUP	2	HERBICIDE
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AX IMAZAMOX AG

HERBICIDE

[FOR USE ON ALFALFA, BEANS (DRY), CHICORY, CLOVER GROWN FOR NONFOOD AND NONFEED, CLOVER GROWN FOR SEED, EDAMAME, LIMA BEAN (SUCCULENT), PEAS (DRY), PEA (ENGLISH), SNAP BEAN, AND SOYBEAN]

ACTIVE INGREDIENT:	% BY WT.
Ammonium salt of imazamox: 2-[4,5-dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1H-imidazol-2-yl]-5-(methoxymethyl)-3-pyridinecarboxylic acid*	12.1%
OTHER INGREDIENTS:	87.9%
TOTAL:	100.0%

* Equivalent to 11.4% 2-[4,5-dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1H-imidazol-2-yl]-5-(methoxymethyl)-3-pyridinecarboxylic acid

Contains 1 lb. of active ingredient per gallon as the free acid.

KEEP OUT OF REACH OF CHILDREN
CAUTION / PRECAUCIÓN
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.)

For Chemical Spill, Leak, Fire, or Exposure, Call CHEMTREC (800) 424-9300.

SEE INSIDE BOOKLET FOR ADDITIONAL PRECAUTIONARY STATEMENTS.]

[See inside booklet for additional Precautionary Statements and Directions for Use.]

[See inside label booklet for First Aid, Precautionary Statements and Directions for Use.]

EPA Reg. No.: 89167-00

EPA Est. No.: _____

Net Contents: ____ Gal (____ L)

Manufactured For:
AXION AG PRODUCTS, LLC
1880 Fall River Drive, Suite 100
Loveland, CO 80538

ACCEPTED 03/29/2021 Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 89167-99
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032421

{LANGUAGE INSIDE BOOKLET}

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 to 20 minutes.• Call a poison control center or doctor for treatment advice.
IF IN EYES:	<ul style="list-style-type: none">• Hold eyes -open and rinse slowly and gently with water for 15 to 20 minutes.• Remove contact lenses, if present, after first 5 minutes; then continue rinsing eyes.• Call a poison control center or doctor for treatment advice.
IF INHALED:	<ul style="list-style-type: none">• 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.
HOTLINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For emergency information concerning this product, call the National Pesticides Information Center (NPIC) at 1-800-858-7378 or your poison control center at 1-800-222-1222 . For Chemical Spill, Leak, Fire or Exposure, call CHEMTREC 800-424-9300 .	

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION

Harmful if absorbed through skin or inhaled. Avoid breathing spray mist. Avoid contact with skin, eyes, or clothing. Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

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

User Safety Requirements

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

USER SAFETY RECOMMENDATIONS
Users should: <ul style="list-style-type: none">• Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.• Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This pesticide may be hazardous to plants outside the treated area. **DO NOT** apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark except as directed in this label. Off-site movement from spray drift, volatilization, and runoff may be hazardous to neighboring crops and vegetative habitat utilized for food and cover by wildlife and aquatic organisms. **DO NOT** contaminate water when disposing of equipment washwater or rinsate.

Non-Target Organism Advisory Statement

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.

Groundwater Advisory

This chemical has properties and characteristics associated with chemicals detected in groundwater. 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 rainwater. 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 including ponds, streams, and springs will reduce the potential loading of [name of chemical] 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.

PHYSICAL-CHEMICAL HAZARDS

DO NOT mix or allow coming into contact with oxidizing agent. Hazardous chemical reaction may occur.

DIRECTIONS FOR USE

It is a violation of federal law to use this product in a manner inconsistent with its labeling. This label must be in the possession of the user at the time of pesticide application. **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.

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 4 hours.

EXCEPTION: If the product is soil-injected or soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

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, including plants, soil, or water, is:

- Coveralls
- Chemical-resistant
- Shoes plus socks

Ensure spray drift to nontarget species does not occur.

DO NOT apply **AX IMAZAMOX AG** in any manner not specifically described in this label.

DO NOT apply this product through any type of irrigation system.

When applied by either ground or air, **AX IMAZAMOX AG** spray drift or other indirect contact may injure sensitive crops, including non-Clearfield canola, lentil, rice, sunflower, or wheat; leafy vegetables; and sugar beet.

Spray equipment used for **AX IMAZAMOX AG** application must be drained and thoroughly cleaned with water before being used to apply other products.

Observe all cautions on this label and on the labels of products used in combination with **AX IMAZAMOX AG**.

DO NOT use **AX IMAZAMOX AG** other than in accordance with the instructions set forth on this label. Keep containers closed to avoid spills and contamination.

PRODUCT INFORMATION

AX IMAZAMOX AG, a soluble liquid, is a postemergence herbicide to control and suppress many broadleaf and grass weeds and sedges, as listed in this label.

The mode of weed-killing activity involves uptake of **AX IMAZAMOX AG** by foliage and/or weed roots and rapid translocation to the growing points. After application of this product, susceptible weeds may show yellowing, and weed growth will stop. Susceptible weeds stop growing and either die or are not competitive with the crop.

Adequate soil moisture is important for optimum **AX IMAZAMOX AG** activity. When adequate soil moisture is present, this product will provide residual activity on susceptible germinating weeds. Activity on established weeds will depend on the weed species and the location of its root system in the soil. A timely cultivation after application of this product may improve weed control.

Occasionally, internode shortening and/or temporary yellowing of crop plants may occur following **AX IMAZAMOX AG** application. These effects can be more pronounced if crops are growing in stressful environmental or hot and humid conditions. These effects occur infrequently and are temporary. Normal growth and appearance will resume within 1 to 2 weeks.

DO NOT tank mix organophosphate or carbamate insecticides with **AX IMAZAMOX AG** on listed crops unless otherwise specified in writing by AXION AG PRODUCTS. When organophosphate (including chlorpyrifos) or carbamate insecticides are tank mixed with this product, temporary injury may result to the treated crop. Separate organophosphate and **AX IMAZAMOX AG** application by at least 7 days to reduce potential for injury.

Use of **AX IMAZAMOX AG** is expected to result in normal growth of rotational crops in most situations; however, various environmental and agronomic factors make it impossible to eliminate all risks associated with the use of this product and, therefore, rotational crop injury is always possible.

Replanting

If replanting is necessary in a field previously treated with **AX IMAZAMOX AG**, the field may be replanted to beans (dry), **Clear-field**® canola, **Clearfield** corn, **Clearfield** lentil, **Clearfield** rice, **Clearfield** and **Clearfield**® Plus sunflower, **Clearfield** and **Clearfield Plus** wheat, edamame, pea (English), peas (dry), lima bean (succulent), snap bean, or soybean. Rework the soil no deeper than 2 inches. **DO NOT** apply a second treatment of this product. **DO NOT** apply imazethapyr or **AX IMAZAMOX AG** if edamame or soybeans are replanted.

RESISTANCE MANAGEMENT

For resistance management, this product is a Group 2 herbicide. Any weed population may contain or develop plants naturally resistant to this product and other Group 2 herbicides. The resistant biotypes may dominate the weed population if these herbicides are used repeatedly in the same field. Follow appropriate resistance management strategies.

Weed Management

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

- Rotate the use of this product or other Group 2 herbicides within a growing season sequence or among growing seasons with different herbicide groups that control the same weeds in the 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 before and after herbicide application to monitor weed populations for early signs of resistance development. Indicators of possible herbicide resistance include: (1) failure to control a weed species normally controlled by the herbicide at the dose applied, especially if control is achieved on adjacent weeds; (2) a spreading patch of non-controlled plants of a particular weed species; (3) 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 including 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 or certified crop advisors for additional pesticide resistance-management and/or integrated weed-management recommendations for specific crops and weed biotypes.
- For further information or to report suspected resistance, contact AXION AG PRODUCTS at 844-425-8488.

Management of Resistant Biotypes

Since the occurrence of resistant weeds cannot be determined until after product use and scientific confirmation, manufacturer is not responsible for any losses that may result from the failure of this product to control resistant weed biotypes.

The following good agronomic practices are recommended to reduce the spread of resistant biotypes:

- If a naturally occurring resistant biotype is present in your application site, this product must be tank-mixed or applied sequentially with an appropriately labeled herbicide with a different mode of action to achieve control.
- Cultural and mechanical control practices (e.g. crop rotation or tillage) may also be used as appropriate.
- Scout treated application site after herbicide applications and control escaping weeds including resistant biotypes before they set seed.
- Thoroughly clean equipment before leaving fields known to contain resistant biotypes.
- Contact your local sales representative, crop advisor, or extension agent to find out if suspected resistant weeds to these Mode of Actions have been found in your region. **DO NOT** assume that each listed weed is being controlled by multiple mechanisms of action. Co-formulated active ingredients are intended to broaden the spectrum of weeds that are controlled. Some weeds may be controlled by only one of the active ingredients in this product.

Integrated Pest (Weed) Management

This product may be integrated into an overall weed pest management strategy whenever the use of an herbicide is required. Whenever possible follow practices known to reduce weed development (tillage, crop competition) and herbicide use (weed scouting, proper application timing, banding). Consult local agricultural and weed authorities for additional IPM strategies established for your area.

AX IMAZAMOX AG has no preharvest interval (PHI) for any crop.

MIXING INSTRUCTIONS

Postemergence application of AX IMAZAMOX AG requires the addition of an adjuvant AND a nitrogen fertilizer solution unless otherwise directed in this label.

Adjuvants

Crop Oil Concentrate (COC), Methylated Seed Oil (MSO), or High Surfactant Oil Concentrate (HSOC)

Petroleum-based or vegetable seed-based crop oil concentrate may be used. Methylated seed oil is advised when weeds are under moisture or temperature stress.

Use MSO or COC at 1 to 2 gallons per 100 gallons of spray solution [1% to 2% volume/volume (v/v)].

Use HSOC at 0.5 gallon per 100 gallons of spray solution (0.5% v/v).

OR

Surfactant

Use nonionic surfactant (NIS) containing at least 80% active ingredient. Apply NIS at 1 quart per 100 gallons of spray solution (0.25% v/v). Organosilicone surfactant may be used in place of NIS.

AND

Nitrogen Fertilizer

Specified nitrogen-based fertilizers include liquid fertilizers [including liquid ammonium sulfate (AMS), 28% N, 32% N, or 10-34-0] at 2.5 gallons per 100 gallons of spray solution. Instead of liquid fertilizer, spray-grade ammonium sulfate may be used at 12 to 15 pounds per 100 gallons of spray solution.

When targeting feral rye or other weeds under moisture or temperature stress, using higher nitrogen fertilizer rates [urea ammonium nitrate (UAN) at 5% v/v or 20 pounds AMS per 100 gallons] may improve weed control. Additional crop response may be observed when higher fertilizer rates are used.

Nitrogen fertilizer is not required when applied in use areas south of Interstate Highway 40, except in the states of Arizona, California, New Mexico, Oklahoma, and Texas.

Liquid Fertilizer as a Carrier

DO NOT apply AX IMAZAMOX AG in liquid fertilizer as a carrier unless specifically allowed for a given crop. Refer to **Crop-specific Information** section for adjuvant directions and/or restrictions by crop.

Additional Mixing Instructions for Dry Beans and Dry Peas [other than English Pea, Lima Bean (Succulent), Snap Bean, and Clear-field® Lentil].

AX IMAZAMOX AG application may be made to dry beans and dry peas either with or without the addition of a fertilizer. The addition of nitrogen-based fertilizer, including ammonium sulfate or liquid fertilizer (including 28-0-0), may improve weed control but also increases the likelihood of dry beans and dry peas response. When nitrogen is added to the mixture, add sodium bentazon (refer to label for rates) to minimize crop response. For application to dry peas, **ALWAYS** add sodium bentazon to the spray mixture. For enhanced grass activity, add crop oil or methylated seed oil instead of surfactant. **ALWAYS** add sodium bentazon at the rates indicated on label when crop oils and/or fertilizers are used in the spray mixture. sodium bentazon application at higher rates may reduce grass control.

See application information within **English Pea; Lima Bean (Succulent); and Snap Bean** in **Crop-specific Information** section for additional mixing instructions.

Tank Mix Instructions

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.

When applying **AX IMAZAMOX AG** as the only herbicide:

1. Fill spray tank 1/2 to 3/4 full with clean water.
2. While agitating, add **AX IMAZAMOX AG** to the spray tank.
3. Add adjuvants.
4. Fill remainder of spray tank with water.

If other herbicides or other spray tank components are tank mixed with **AX IMAZAMOX AG**, while agitating, add components in the following order and thoroughly mix after adding each component.

1. Fill spray tank 1/2 to 3/4 full with clean water.
2. Add soluble-packet products and thoroughly mix.
3. Add WP (wetttable powder), DG (dispersible granule), DF (dry flowable), or liquid flowable formulations not in soluble packets.
4. Add **AX IMAZAMOX AG** and thoroughly mix.
5. Add other aqueous solution products.
6. Add EC (emulsifiable concentrate) products.
7. Add surfactant or crop oil to the spray tank.
8. Add nitrogen fertilizer solution.
9. While agitating, fill the remainder of the tank with water.

When **AX IMAZAMOX AG** is used in combination with another herbicide, refer to the respective label for rates, methods of application, proper timing, weeds controlled, restrictions, and precautions. Always use in accordance with the most restrictive label restrictions and precautions. **DO NOT** exceed label rates. **AX IMAZAMOX AG** cannot be mixed with any product containing a label prohibiting such mixtures.

Cleaning Spray Equipment

To avoid injury to sensitive crops, spray equipment used for **AX IMAZAMOX AG** application must be drained and thoroughly cleaned with water before being used to apply other products.

SPRAYING INSTRUCTIONS

DO NOT apply when spray may be carried to sensitive crops. Sensitive crops include, but are not limited to, leafy vegetables and sugar beet.

Ground Application

Uniformly apply with properly calibrated ground equipment in 10 or more gallons of water per acre. A spray pressure of 20 to 40 PSI is advised.

To ensure thorough coverage, use a minimum of 20 gallons of water per acre when applying **AX IMAZAMOX AG** to minimum-till or no-till crops. Use higher gallonage for fields with dense vegetation or heavy crop residue.

Adjust the boom height to ensure proper coverage of weed foliage (according to the manufacturer's instructions). Use flat-fan nozzle tips or similar appropriate nozzle tips to ensure thorough coverage. Avoid overlaps when spraying.

Ground Application with a Low-volume Sprayer

AX IMAZAMOX AG may be applied with a low-volume sprayer. When applying this product with a low-volume sprayer, spray weeds before they reach the maximum size listed in this label. Weed control depends on thorough spray coverage. The sprayer must be calibrated to deliver the specified spray volume and pressure to ensure thorough spray coverage of weeds.

When applying **AX IMAZAMOX AG** with a low-volume sprayer, apply a minimum of 10 gallons per acre of spray solution with a nozzle pressure between 40 to 60 PSI for optimum coverage.

Aerial Application

AX IMAZAMOX AG may be applied by air to all crops listed on this label.

Uniformly apply with properly calibrated equipment in 5 or more gallons of water per acre. **The addition of an adjuvant AND a nitrogen fertilizer solution are required for optimum weed control, unless otherwise directed in this label.**

MANDATORY SPRAY DRIFT

Aerial Applications

- **DO NOT** release spray at a height greater than 10 feet above the vegetative canopy, unless a greater application height is necessary for pilot safety.
- For applications prior to the emergence of crops and target weeds, applicators are required to use a coarse or coarser droplet size (ASABE S572.1).
- For all other applications, applicators are required to use a medium or coarser droplet size (ASABE S572.1).
- Applicators must use 1/2 swath displacement upwind at the downwind edge of the field.
- **DO NOT** apply when wind speeds exceed 15 mph at the application site. If the windspeed is greater than 10 mph, the boom length must be 65% or less of the wingspan for fixed wing aircraft and 75% or less of the rotor diameter for helicopters. Otherwise, the boom length must be 75% or less of the wingspan for fixed-wing aircraft and 90% or less of the rotor diameter for helicopters.
- **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 3 feet above the ground or crop canopy unless making a turf, pasture, or rangeland application, in which case applicators may apply with a nozzle height no more than 4 feet above the ground.
- For applications prior to the emergence of crops and target weeds, applicators are required to use a coarse or coarser droplet size (ASABE S572.1).
- For all other applications, applicators are required to use a medium or coarser spray droplet size (ASABE S572.1).
- **DO NOT** apply when wind speeds exceed 15 miles per hour at the application site.
- **DO NOT** apply during temperature inversions.

Boom-less Ground Applications

- Applicators are required to use a medium or coarser droplet size (ASABE S572.1) for all applications.
- **DO NOT** apply when wind speeds exceed 15 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. To reduce fine droplets, nozzles must be oriented parallel with the airflow in flight.

Boom-less Ground Applications

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

Handheld Technology Applications

- Take precautions to minimize spray drift.

BOOM HEIGHT - Ground Boom

For ground equipment, the boom must 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.

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 an 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. Avoid applications during temperature inversions.

WIND

Drift potential increases with wind speed. AVOID APPLICATIONS DURING GUSTY WIND CONDITIONS.

Applicators need to be familiar with local wind patterns and terrain that could affect spray drift.

Application Information

Apply **AX IMAZAMOX AG** as a postemergence treatment when weeds are actively growing and before they exceed the maximum specified size (see **Crop-specific Information** section weeds controlled tables by crop).

Delay application until the majority of weeds are at the specified growth stage. Apply **AX IMAZAMOX AG** when weeds are small and actively growing; however, delay application in seedling alfalfa, dry beans, and dry peas until minimum growth stages have occurred. Refer to the crop-specific sections **Alfalfa** (see **Seedling Alfalfa**) and **Dry Beans and Dry Peas**.

An adjuvant (either surfactant **OR** crop oil concentrate) **AND** nitrogen fertilizer must be added to the spray solution for optimum weed control. See **Adjuvants** section under **Mixing Instructions** for specific instructions.

When **AX IMAZAMOX AG** is applied postemergence, absorption will occur through both roots and foliage. Susceptible weeds' stop growing and either die or are not competitive with the crop. This product not only controls many existing broadleaf and grass weeds when applied postemergence, it also provides activity on susceptible weeds that may emerge shortly after application.

Weeds are most easily controlled when actively growing. Under cold temperature conditions (less than 40° F maximum daytime temperature), weed control may be less.

For improved weed control, cultivate (where possible) 7 to 10 days after a postemergence **AX IMAZAMOX AG** application. This timely cultivation will enhance residual weed control activation, especially under dry conditions.

Apply **AX IMAZAMOX AG** a minimum of 1 hour before rainfall or overhead irrigation.

CROP-SPECIFIC INFORMATION

Alfalfa

Apply **AX IMAZAMOX AG** early postemergence when weeds are actively growing and before they exceed a height of 3 inches, unless otherwise indicated.

Delay application until the majority of the weeds are at the specified growth stage. Apply **AX IMAZAMOX AG** to actively growing crop and weeds.

Use Rate

Apply **AX IMAZAMOX AG** early postemergence at a broadcast rate of 4 to 6 fluid ounces (0.031 to 0.047 lb ai) per acre to seedling or established alfalfa grown for forage, hay, or seed. At the specified application rate, 1 gallon of **AX IMAZAMOX AG** will treat 21 to 32 acres.

Seedling Alfalfa

Apply **AX IMAZAMOX AG** when seedling alfalfa is in the second trifoliolate stage or larger and when the majority of weeds are 1 -inch to 3-inches tall. When applied to alfalfa grown for seed, apply this product before bud formation. For prostrate growing weeds (including mustards and filaree), apply **AX IMAZAMOX AG** before the rosette exceeds 3 inches. When this product is applied to seedling alfalfa, there may be a temporary reduction in growth. Alfalfa soon outgrows any effects of the herbicide.

Established Alfalfa

Apply **AX IMAZAMOX AG** to established alfalfa in fall, winter, or spring to dormant or semi-dormant alfalfa, or between cuttings. Apply before significant alfalfa growth or regrowth (3 inches) to allow this product to reach target weeds.

Alfalfa Restrictions

- **DO NOT** make more than 1 application per year.
- **DO NOT** apply more than 6 fluid ounces (0.047 lb ai) per acre per application.
- **DO NOT** apply more than 6 fluid ounces (0.047 lb ai) per acre per year.
- **DO NOT** make sequential applications of imazethapyr followed by **AX IMAZAMOX AG** (or **AX IMAZAMOX AG** followed by imazethapyr) within a 60-day time frame because of increased potential for alfalfa crop response.

Weeds Controlled (Alfalfa)

AX IMAZAMOX AG will control or suppress listed weeds when applied postemergence at the specified rates listed as follows.

Broadleaf Weeds Controlled by AX IMAZAMOX AG in Alfalfa

	Application Rate (fl ozs/A)		
	4 (0.031 lb ai /A)	5 (0.039 lb ai /A)	6 (0.047 lb ai /A)
	Maximum Weed Size (inches)		
Bedstraw		3	3
Beet, wild	3	3	3
Buckwheat, wild		3	3
Buttercup		3	3
Canola, volunteer (non-Clearfield®)	3	3	3
Cocklebur, common	3	3	3
Filaree,			3
redstem			3
whitestem			3

	Application Rate (fl ozs/A)		
	4 (0.031 lb ai /A)	5 (0.039 lb ai /A)	6 (0.047 lb ai /A)
	Maximum Weed Size (inches)		
Flixweed	3	3	3
Henbit			2
Jimsonweed	3	3	3
Knotweed, prostrate		3	3
Kochia*		3	3
Lambsquarters, common	3**	3	3
Lettuce, miner's		3	3
Mallow,			
common	3	3	3
Venice		1	1
Morningglory, entireleaf	3	3	3
ivyleaf	3	3	3
smallflower	3	3	3
tall	3	3	3
Mustard,			
black	3	3	4
tumble	3	3	3
wild	3	3	4
Nettle, burning		2	2
Nettleleaf goosefoot	3	3	3
Nightshade,			
black	3	5	5
Eastern black	3	5	5
hairy	3	4	5
Pennycress, field	3	3	3
Pigweed,			
redroot	3	4	5
smooth	3	4	4
spiny	3	3	3
Purslane, common			3
Radish, wild	3	3	3
Rocket,			
London		3	3
yellow		4	4
Shepherd's-purse			3
Smartweed,			
ladysthumb	3	3	3
Pennsylvania	3	3	3
swamp		3	3
Spurge, prostrate		3	3
Sunflower, common		3	3
Swinecress		3	3
Tansymustard, green	3	3	4
Thistle, Russian		3	3
Velvetleaf	3	4	5
Willoweed panicle		3	3

	Application Rate (fl ozs/A)		
	4 (0.031 lb ai /A)	5 (0.039 lb ai /A)	6 (0.047 lb ai /A)
	Maximum Weed Size (inches)		
* This product controls non-ALS-resistant kochia only.			
** This product controls common lambsquarters at 4 fluid ounces (0.031 lb ai) per acre east of the Rocky Mountains.			

Broadleaf Weeds Suppressed by AX IMAZAMOX AG in Alfalfa

	Application Rate (fl ozs/A)		
	4 (0.031 lb ai /A)	5 (0.039 lb ai /A)	6 (0.047 lbs ai/A)
	Maximum Weed Size (inches)		
Chickweed, common	3	3	3
Dandelion			3
Dock, curly		3	3
Dodder*			3
Fiddleneck			3
Ragweed, common		3	3
giant		3	3
Thistle, Canada			3
Shepherd's-purse	3	3	
* For suppression of dodder, apply this product after dodder has emerged until soon after dodder attaches to alfalfa.			

Grass Weeds Controlled by AX IMAZAMOX AG in Alfalfa

	Application Rate (fl ozs/A)		
	4 (0.031 lb ai/A)	5 (0.039 lb ai /A)	6 (0.047 lb ai /A)
	Maximum Weed Size (inches)		
Barnyardgrass		3	3
Blackgrass	3	3	3
Brome, California	3	3	3
cheat	3	3	3
downy	3	3	3
Japanese	3	3	3
Canarygrass, littleseed	3	3	3
Cereals, volunteer barley	3	3	3
oat	3	3	3
wheat (non-Clearfield®)	3	3	3
Corn, volunteer	4	5	6
Crabgrass, large		3	3
Darnel, Persian	3	3	3
Foxtail, giant	3	4	5
green	3	3	4
yellow	3	3	4
Johnsongrass, seedling		3	3

	Application Rate (fl ozs/A)		
	4 (0.031 lb ai/A)	5 (0.039 lb ai /A)	6 (0.047 lb ai /A)
	Maximum Weed Size (inches)		
Jointed goatgrass	3	3	3
Lovegrass	3	3	3
Millet, wild proso		3	3
Oat, wild	3	3	3
Rye, feral or cereal		3	3
Ryegrass, Italian	3	3	3
Shattercane	3	4	5

Grass Weeds and Sedges Suppressed by AX IMAZAMOX AG in Alfalfa

	Application Rate (fl ozs/A)		
	4 (0.031 lb ai /A)	5 (0.039 lb ai /A)	6 (0.047 lb ai /A)
	Maximum Weed Size (inches)		
Grass Weeds			
Bluegrass, annual			3
Johnsongrass, rhizome			3
Sedges			
Nutsedge, purple			3
common			3
Quackgrass			3

Tank Mix 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 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.

To control weeds not listed on the **AX IMAZAMOX AG** label, other herbicides may be tank mixed with this product. When this product is used in combination with another herbicide, refer to the respective label for rates, methods of application, proper timing, weeds controlled, restrictions, and precautions. Always use in accordance with the most restrictive label restrictions and precautions. **DO NOT** exceed label rates.

Chicory[*]

[***DO NOT** use on chicory in California.]

Apply **AX IMAZAMOX AG** early postemergence when weeds are actively growing and before they exceed a height of 3 inches, unless otherwise indicated. Apply this product early postemergence when chicory has at least 2, and no more than 4, fully expanded true leaves present. **DO NOT** apply to chicory subjected to stress conditions, including hail damage, flooding, drought, injury from other herbicides, or widely fluctuating temperatures, or crop injury may result.

THIS PRODUCT WHEN USED IN CHICORY MAY LEAD TO CROP INJURY, LOSS, OR DAMAGE. AXON AG PRODUCTS ADVISES THAT THE USER AND/OR GROWER TEST THIS PRODUCT TO DETERMINE ITS SUITABILITY FOR SUCH INTENDED USE.

Use Rate

Apply **AX IMAZAMOX AG** early postemergence to chicory at a broadcast rate of 4 fluid ounces (0.031 lb ai) per acre. At this rate, 1 gallon of this product will treat 32 acres of chicory. The use of a soil-applied grass herbicide is advised before application of this product.

Application of **AX IMAZAMOX AG** requires the addition of a surfactant. Refer to **Mixing Instructions** section for specific surfactant types and rates.

Addition of nitrogen fertilizer, including 28-0-0 or 32-0-0 liquid fertilizer, may improve weed control but also increases the likelihood of injury to chicory. Add liquid fertilizer at 2.5% v/v.

Chicory Restrictions

- **DO NOT** make more than 1 application per year.
- **DO NOT** apply more than 4 fluid ounces (0.031 lb ai) per acre per application.
- **DO NOT** apply more than 4 fluid ounces (0.031 lb ai) per acre per year.

Weeds Controlled (Chicory)**Broadleaf Weeds Controlled by AX IMAZAMOX AG in Chicory**

	AX IMAZAMOX AG at 4 fl ozs/A (0.031 lb ai /A) + surfactant
	Maximum Weed Size (inches)
Beet, wild	3
Flixweed	3
Jimsonweed	3
Lambsquarters	3
Mustard,	
black	3
tumble	3
wild	3
Nightshade,	
black	3
Eastern black	3
hairy	3
Pennycress, field	3
Pigweed,	
redroot	3
smooth	3
spiny	3
Radish, wild	3
Shepherd's-purse	3
Tansymustard, green	3

Grass Weeds Controlled by AX IMAZAMOX AG in Chicory

	AX IMAZAMOX AG at 4 fl ozs/A (0.031 lb ai /A) + surfactant
	Maximum Weed Size (inches)
Brome,	
cheat	3
downy	3
Japanese	3
Cereals, volunteer	

barley	3
oat	3
wheat (non-Clearfield®)	3
Darnel, Persian	3
Foxtail,	
giant	3
green	3
yellow	3
Jointed goatgrass	3
Oat, wild	3
Shattercane	3

Grass Weeds and Sedges Suppressed by AX IMAZAMOX AG in Chicory

	AX IMAZAMOX AG at 4 fl ozs/A (0.031 lb ai /A) + surfactant
	Maximum Weed Size (inches)
Grass Weeds	
Crabgrass,	
large	3
smooth	3
Sedges	
Nutsedge,	
purple	3
yellow	3
Quackgrass	3

Clover Grown for Nonfood and Nonfeed[*]

[*Not for use in California.]

Application Instructions

Apply AX IMAZAMOX AG early postemergence at a rate of 4 to 5 fluid ounces (0.031 to 0.039 lb ai) per acre with a spray adjuvant; when clover has a minimum of 2 trifoliate leaves; and when the majority of weeds are 1 -inch to 3-inches tall.

Mixing Instructions per 1000 square feet

To treat 1000 square feet, mix the following amount of AX IMAZAMOX AG per gallon of spray mixture.

One gallon of spray mixture will treat 1000 square feet.

AX IMAZAMOX AG Rate fl ozs/A	AX IMAZAMOX AG Rate (fl ozs/1000 sq ft)	Teaspoons* Per 1000 sq ft
4 (0.031 lb ai /A)	0.09	0.5
5 (0.039 lb ai /A)	0.15	0.9

*One teaspoon = 0.167 fluid ounces

Clover Grown for Nonfood and Nonfeed Restrictions

- **DO NOT** make more than 1 application per year.
- **DO NOT** apply more than 5 fluid ounces (0.039 lb ai) per acre per application.
- **DO NOT** apply more than 5 fluid ounces (0.039 lb ai) per acre per year.
- Not for use on clover grown for seed. See **Clover Grown for Seed** section for use directions.

Weeds Controlled (Clover Grown for Nonfood and Nonfeed)

Broadleaf Weeds Controlled by AX IMAZAMOX AG in Clover Grown for Nonfood and Nonfeed

	Maximum Weed Size (inches)
Bedstraw	3
Beet, wild	3
Buckwheat, wild	3
Buttercup	3
Canola, volunteer (non-Clearfield®)	3
Cocklebur, common	3
Flixweed	3
Jimsonweed	3
Knotweed, prostrate	3
Kochia*	3
Lambsquarters, common	3
Lettuce, miner's	3
Mallow,	
common	3
Venice	1
Morningglory,	
entireleaf	3
ivyleaf	3
smallflower	3
tall	3
Mustard,	
black	3
tumble	3
wild	3
Nettle, burning	2
Nettleleaf goosefoot	3
Nightshade,	
black	5
Eastern black	5
hairy	4
Pennycress, field	3
Pigweed,	
redroot	4
smooth	4
spiny	3
Radish, wild	3
Rocket,	
London	3
yellow	4
Smartweed,	
ladysthumb	3
Pennsylvania	3
swamp	3
Spurge, prostrate	3
Sunflower, common	3

	Maximum Weed Size (inches)
Swinecress	3
Tansymustard, green	3
Thistle, Russian	3
Velvetleaf	4
Willoweed panicle	3
* This product controls non-ALS-resistant kochia only.	

Broadleaf Weeds Suppressed by AX IMAZAMOX AG in Clover Grown for Nonfood and Nonfeed

	Maximum Weed Size (inches)
Chickweed, common	3
Dock, curly	3
Ragweed, common	3
giant	3
Shepherd's-purse	3

Grass Weeds Controlled by AX IMAZAMOX AG9 herbicide in Clover Grown for Nonfood and Nonfeed

	Maximum Weed Size (inches)
Barnyardgrass	3
Blackgrass	3
Brome, California	3
cheat	3
downy	3
Japanese	3
Canarygrass, littleseed	3
Cereals, volunteer	
barley	3
oat	3
wheat (non-Clearfield®)	3
Corn, volunteer	5
Crabgrass, large	3
Darnel, Persian	3
Foxtail, giant	4
green	3
yellow	3
Johnsongrass, seedling	3
Jointed goatgrass	3
Lovegrass	3
Millet, wild proso	3
Oat, wild	3
Rye, feral or cereal	3
Ryegrass, Italian	3
Shattercane	4

Clover Grown for Seed

For use only in Oregon and Washington.

Application Timing

Apply **AX IMAZAMOX AG** early postemergence in a tank mix, as described below, when clover has a minimum of 2 trifoliolate leaves and when the majority of weeds are 1 -inch to 3-inches tall. Application of this product must be made before clover bloom.

Use Rate

Apply **AX IMAZAMOX AG** early postemergence to clover grown for seed at a broadcast rate of 5 fluid ounces (0.039 lb ai) per acre.

Application of **AX IMAZAMOX AG** in clover grown for seed requires the addition of an adjuvant, nitrogen fertilizer, and sodium bentazon.

Adjuvants

- **Nohionic surfactant** - Use NIS containing at least 80% active ingredient. Apply NIS at 0.25% v/v (1 quart per 100 gallons of spray solution).
- OR**
- **Crop oil concentrate** - Use COG at 1 pint per acre (0.5 gallon per 100 gallons of spray solution).
- OR**
- **High surfactant oil concentrate** - Use HSOC at 0.5% v/v (0.5 gallon per 100 gallons of spray solution).

Nitrogen Fertilizer

Specified nitrogen-based fertilizers include liquid fertilizers (including 28% N, 32% N, or 10-34-0) at 2.5 gallons per 100 gallons of spray solution. Instead of liquid fertilizer, spray-grade ammonium sulfate may be used at 12 to 15 pounds per 100 gallons of spray solution.

Sodium bentazon

Add sodium bentazon (refer to label for use rates) to minimize crop response. sodium bentazon application at higher rates may reduce grass control. sodium bentazon may only be applied to clover grown for seed.

Apply **AX IMAZAMOX AG** plus sodium bentazon tank mix a minimum of 4 hours before rainfall or overhead irrigation.

Clover Grown for Seed Restrictions

- Application of this product must be made before clover bloom.
- **DO NOT** make more than 1 application per year.
- **DO NOT** apply more than 5 fluid ounces (0.039 lb ai) per acre per application.
- **DO NOT** apply more than 5 fluid ounces (0.039 lb ai) per acre per year.
- If arid conditions occur during the year of application, rotational crop injury may occur.
- **DO NOT** apply to clover subjected to stress conditions, including hail damage, flooding, drought, injury from other herbicides, or widely fluctuating temperatures, or crop injury may result.
- **DO NOT** apply to weeds under stress, including lack of moisture, previous herbicide injury, mechanical injury, or cold temperatures, or unsatisfactory weed control could result.
- Refer to sodium bentazon label for use rates, maximum amount per application, maximum number of applications per year and maximum amount per year.

Weeds Controlled (Clover Grown for Seed)

AX IMAZAMOX AG will control or suppress listed weeds when applied postemergence to 1 -inch to 3-inch weeds (unless otherwise indicated) at the specified rates listed as follows.

Broadleaf Weeds Controlled by AX IMAZAMOX AG in Clover Grown for Seed

	AX IMAZAMOX AG at 5 fl ozs/A (0.039 lb ai /A) + surfactant, COC, or HSOC + nitrogen-based fertilizer + Sodium bentazon
	Maximum Weed Size (inches)
Bedstraw	3
Beet, wild	3
Buttercup	3
Chickweed, common	3
Cocklebur, common	3
Flixweed	3
Jimsonweed	3
Mustard,	
black	3
tumble	3
wild	3
Nightshade,	
black	5
Eastern black	3
hairy	3
Pennycress, field	3
Pigweed,	
redroot	3
smooth	3
spiny	3
Puncturevine	3
Radish, wild	3
Shepherd's-purse	3
Tansymustard, green	3
Velvetleaf	3

Broadleaf Weeds Suppressed by AX IMAZAMOX AG in Clover Grown for Seed

	AX IMAZAMOX AG at 5 fl ozs/A (0.039 lb ai /A) + surfactant, COC, or HSOC + nitrogen-based fertilizer + Sodium bentazon
	Maximum Weed Size (inches)
Buckwheat, wild	3
Chickweed, common	3
Knotweed, prostrate	3
Kochia*	3
Lambsquarters, common	3
Lettuce, miner's	3
Morningglory,	
entireleaf	3
ivyleaf	3
smallflower	3
tall	3
Purslane, common	3

Rocket,	
London	3
yellow	3
Smartweed,	
ladysthumb	3
Pennsylvania	3
Spurge, prostrate	3
*This product controls non-ALS-resistant kochia only.	

Grass Weeds Controlled by AX IMAZAMOX AG in Clover Grown for Seed

	AX IMAZAMOX AG at 5 fl ozs/A (0.039 lb ai /A) + surfactant, COC, or HSOC + nitrogen-based fertilizer + Sodium bentazon
	Maximum Weed Size (inches)
Blackgrass	3
Brome,	
cheat	3
downy	3
Japanese	3
Canarygrass, littleseed	3
Cereals, volunteer	
barley	3
oat	3
wheat (non-Clearfield®)	3
Corn, volunteer*	2 to 8
Darnel, Persian	3
Foxtail,	
giant	3
green	3
yellow	3
Jointed goatgrass	3
Oat, wild	3
Ryegrass, Italian	3
Shattercane	3
*Except Clearfield corn	

Grass Weeds and Sedges Suppressed by AX IMAZAMOX AG in Clover Grown for Seed

	AX IMAZAMOX AG at 5 fl ozs/A (0.039 lb ai /A) + surfactant, COC, or HSOC + nitrogen-based fertilizer + Sodium bentazon
	Maximum Weed Size (inches)
Grass Weeds	
Barnyardgrass	3
Crabgrass,	
large	3
smooth	3
Johnsongrass, rhizome	3
Sedges	

Nutsedge,	
purple	3
yellow	3
Quackgrass	3

**Dry Beans and Dry Peas[*]
[other than English Pea, Lima Bean (Succulent), Snap Bean, and Clearfield® Lentil]**

[*DO NOT apply AX IMAZAMOX AG to dry beans and dry peas in California.]

AX IMAZAMOX AG may be applied to the following dry beans and dry peas:

Dry Beans		Dry Peas
Adzuki	Lima (dry)	Dry edible peas (field peas) Southern pea (cow pea)
Anasazi	Navy	
Black	Pink	
Black turtle	Pinto	
Cranberry	Red kidney	
Great Northern	Small red	
Lablab	Small white	

DO NOT apply AX IMAZAMOX AG to succulent pea, snap bean, or fresh lima bean (except as specifically directed below).

Reduced crop growth, quality, and yield; temporary yellowing; and/or delayed maturity may result from **AX IMAZAMOX AG** application to dry bean and dry pea crops listed on this label. Because crop maturity may be delayed, timing of harvest may need to be adjusted accordingly. **DO NOT** apply this product if planting is delayed and chance of frost before maturity is likely. Some varieties of dry beans and dry peas are more sensitive to **AX IMAZAMOX AG** than other varieties. Growers may check with the seed company regarding the safety of this product to their variety.

USE AX IMAZAMOX AG ONLY if proper agronomic practices have been used, including good soil fertility, proper crop rotation, disease and insect management, and tillage practices that eliminate compaction and hardpans. This product is effective in controlling weeds in conservation tillage and conventional tillage production systems. Apply this product postemergence before bloom stage but after dry beans have at least 1 fully expanded trifoliolate leaf and dry peas have at least 3 pairs of leaves. Delay application until the majority of weeds are at the specified growth stage. Base application timing on weed size and crop growth stage. Apply **AX IMAZAMOX AG** to actively growing crop and weeds.

THIS PRODUCT WHEN USED ON DRY BEANS AND DRY PEAS MAY LEAD TO CROP INJURY, LOSS, OR DAMAGE. AXION AG PRODUCTS ADVISES THAT THE USER AND/OR GROWER TEST THIS PRODUCT TO DETERMINE ITS SUITABILITY FOR SUCH INTENDED USE.

Use Rate

Apply **AX IMAZAMOX AG** postemergence to dry beans and dry peas at a broadcast rate of 4 fluid ounces (0.031 lb ai) per acre. At this application rate, one gallon will treat 32 acres of dry beans and dry peas.

Additional Mixing Instructions for Dry Beans and Dry Peas

AX IMAZAMOX AG application may be made to dry beans and dry peas with or without addition of fertilizer. Addition of nitrogen-based fertilizer, including ammonium sulfate or liquid fertilizers (including 28-0-0), may improve weed control but also increases the likelihood of dry bean response. When nitrogen and/or crop oil are added to the mixture, add sodium bentazon (refer to label for use rates) as a tank mix partner to minimize crop response.

For application to dry peas, **ALWAYS** add sodium bentazon to the spray mixture, regardless of additives used. For enhanced grass activity, add crop oil concentrate instead of surfactant. sodium bentazon at higher rates will enhance control of common lambsquarters and kochia. sodium bentazon application at higher rates may reduce grass weed control.

Dry Beans and Dry Peas Restrictions

- **DO NOT** apply this product to chickpea (garbanzo bean) or lentil.
- Application of this product must be made before dry beans and dry peas bloom.
- **DO NOT** make more than 1 application per year.
- **DO NOT** apply more than 4 fluid ounces (0.031 lb ai) per acre per application.
- **DO NOT** apply more than 4 fluid ounces (0.031 lb ai) per acre per year.

Weeds Controlled (Dry Beans and Dry Peas [other than English Pea, Lima Bean (Succulent), Snap Bean, and Clearfield® Lentil])

AX IMAZAMOX AG will control or suppress listed weeds when applied postemergence to 1 -inch to 3-inch weeds (unless otherwise indicated) at the specified rates listed as follows.

Broadleaf Weeds Controlled by AX IMAZAMOX AG in Dry Beans and Dry Peas [other than English Pea, Lima Bean (Succulent), Snap Bean, and Clear-field® Lentil]

	AX IMAZAMOX AG at 4 fl ozs/A (0.031 lb ai /A) + NIS	AX IMAZAMOX AG at 4 fl ozs/A (0.031 lb ai /A) + NIS or COC + nitrogen-based fertilizer + Sodium bentazon
	Maximum Weed Size (inches)	
Bedstraw		3
Beet, wild	3	3
Buttercup		3
Chickweed, common		3
Cocklebur, common		3
Flixweed	3	3
Jimsonweed	3	3
Lambsquarters, common*	3	3
Mustard,		
black	3	3
tumble	3	3
wild	3	3
Nightshade,		
black	3	3
Eastern black	3	3
hairy	3	3
Pennycress, field	3	3
Pigweed,		
redroot	3	3
smooth	3	3

spiny	3	3
Puncturevine		3
Radish, wild	3	3
Shepherd's-purse	3	3
Tansymustard, green	3	3
Velvetleaf		3
* This product controls common lambsquarters at 4 fluid ounces (0.031 lb ai) per acre east of the Rocky Mountains.		

Broadleaf Weeds Suppressed by AX IMAZAMOX AG in Dry Beans and Dry Peas [other than English Pea, Lima Bean (Succulent), Snap Bean, and Clearfield® Lentil]

	AX IMAZAMOX AG at 4 fl ozs/A (0.031 lb ai /A) + NIS	AX IMAZAMOX AG at 4 fl ozs/A (0.031 lb ai /A) + NIS or COC + nitrogen-based fertilizer + Sodium bentazon
Maximum Weed Size (inches)		
Buckwheat, wild		3
Chickweed, common	3	
Knotweed, prostrate		3
Kochia*		3
Lettuce, miner's		3
Morningglory, entireleaf		3
ivyleaf		3
smallflower		3
tall		
Pursh, common		
Rocket, London		3
yellow		3
Smartweed, ladysthumb		3
Pennsylvania		3
Spurge, prostrate		3
*This product controls non-ALS-resistant kochia only.		

Grass Weeds Controlled by AX IMAZAMOX AG in Dry Beans and Dry Peas [other than English Pea, Lima Bean (Succulent), Snap Bean, and Clearfield® Lentil]

	AX IMAZAMOX AG at 4 fl ozs/A (0.031 lb ai /A) + NIS	AX IMAZAMOX AG at 4 fl ozs/A (0.031 lb ai /A) + NIS or COC + nitrogen-based fertilizer + Sodium bentazon
	Maximum Weed Size (inches)	
Blackgrass		3
Brome, cheat	3	3
downy	3	3
Japanese	3	3
Canarygrass, littleseed		3
Cereals, volunteer		
barley	3	3
oat	3	3
wheat (non-Clearfield®)	3	3
Corn, volunteer*		2 to 8
Darnel, Persian	3	3
Foxtail, giant	3	3
green	3	3
yellow	3	3
Jointed goatgrass	3	3
Oat, wild	3	3
Ryegrass, Italian		3
Shattercane	3	3
*Except Clearfield corn		

Grass Weeds and Sedges Suppressed by AX IMAZAMOX AG in Dry Beans and Dry Peas [other than English Pea, Lima Bean (Succulent), Snap Bean, and Clearfield® Lentil]

	AX IMAZAMOX AG at 4 fl ozs/A (0.031 lb ai /A) + NIS	AX IMAZAMOX AG at 4 fl ozs/A (0.031 lb ai /A) + NIS or COC + nitrogen-based fertilizer + Sodium bentazon
	Maximum Weed Size (inches)	
Grass Weeds		
Barnyardgrass		3
Crabgrass, large	3	3
smooth	3	3
Johnsongrass, rhizome		3

Sedges		
Nutsedge,		
purple	3	3
yellow	3	3
Quackgrass	3	3

Edamame (Vegetable Soybean)[*]

[*Not for use on edamame in California.]

AX IMAZAMOX AG use on edamame may lead to crop injury or loss. Users or growers need to evaluate this product for crop response on the varieties being grown to determine if **AX IMAZAMOX AG** use is acceptable.

Use Rate

Early Postemergence Application. Apply **AX IMAZAMOX AG** to edamame at the broadcast rate of 4 fluid ounces (0.031 lb ai) per acre. Base application timing on weed size and crop growth stage. Apply to actively growing crop and weeds.

Apply **AX IMAZAMOX AG** after edamame emergence and before fourth trifoliolate when weeds are less than 3-inches tall. **DO NOT** apply this product after edamame begins flowering.

Nonionic surfactant containing at least 80% active ingredient needs to be used at a rate of 1 quart per 100 gallons of spray solution.

For weeds controlled or suppressed in edamame, refer to **Weeds Controlled (Dry Beans and Dry Peas [other than English Pea, Lima Bean (Succulent), Snap Bean, and Clearfield® Lentil])** in **Crop-specific Information** section.

Edamame Restrictions

- **DO NOT** apply after edamame begins flowering.
- **DO NOT** make more than 1 application per year.
- **DO NOT** apply more than 4 fluid ounces (0.031 lb ai) per acre per application.
- **DO NOT** apply more than 4 fluid ounces (0.031 lb ai) per acre per year.

English Pea[*]

[*Not for use on English pea in California.]

For postemergence use on English pea.

Use **AX IMAZAMOX AG ONLY** if proper agronomic practices have been used, including good soil fertility, proper crop rotation, disease and insect management, and tillage practices that eliminate compaction and hardpans.

Reduced crop growth, quality and yield, temporary yellowing and/or delayed maturity may result from an **AX IMAZAMOX AG** application to English peas. Because crop maturity may be delayed, timing of harvest may need to be adjusted accordingly. **DO NOT** apply this product if planting is delayed and a chance of frost before maturity is likely. Growers need to check with the seed company regarding the safety of this product to their variety.

THIS PRODUCT WHEN USED ON ENGLISH PEA MAY LEAD TO CROP INJURY, LOSS, OR DAMAGE. AXION AG PRODUCTS ADVISES THAT THE USER AND/OR GROWER TEST THIS PRODUCT TO DETERMINE ITS SUITABILITY FOR SUCH INTENDED USE.

Use Rate

Early Postemergence Application. Apply **AX IMAZAMOX AG** to English pea at the broadcast rate of 3 fluid ounces (0.023 lb ai) per acre. Base application timing on weed size and crop growth stage. Apply this product to actively growing crop and weeds.

Apply **AX IMAZAMOX AG** postemergence to English peas at least 3-inches tall but before 5 nodes before flowering. The use of trifluralin before application of this product may increase the likelihood and severity of crop injury.

Nonionic surfactant must be added to the spray solution. NIS must contain at least 80% active ingredient and be used at 1 quart per 100 gallons of spray solution.

Addition of nitrogen-based fertilizer, including ammonium sulfate, or liquid fertilizers (including 28-0-0) may improve weed control but also increases the likelihood of English pea response.

When nitrogen-based fertilizer is added to the mixture, add sodium bentazon as a tank mix partner (refer to label for use rates) to minimize crop response. Specified nitrogen-based fertilizers include liquid fertilizers (including 28% N, 32% N, or 10-34-0) at 2.5 gallons per 100 gallons of spray solution.

Instead of liquid fertilizer, spray-grade ammonium sulfate may be used at 12 to 15 pounds per 100 gallons of spray solution.

For enhanced grass activity, add COG at 1 gallon per 100 gallons instead of NIS. **ALWAYS** add sodium bentazon at the rates indicated on the product label when COG and/or nitrogen-based fertilizer are used in the spray mixture. sodium bentazon application at higher rates may reduce grass control:

Apply **AX IMAZAMOX AG** a minimum of 1 hour before rainfall or overhead irrigation.

For use in Delaware, Maryland, and New York: **AX IMAZAMOX AG** must be applied with sodium bentazon (refer to label for use rates) to minimize crop response. Nonionic surfactant must be added to the spray solution. NIS must contain at least 80% active ingredient and be used at a rate of 1 quart/100 gallons of spray solution. **DO NOT** use COG/ MSO, HSOC, or nitrogen-based fertilizer.

English Pea Restrictions

- **DO NOT** make more than 1 application per year.
- **DO NOT** apply more than 3 fluid ounces (0.023 lb ai) per acre per application.
- **DO NOT** apply more than 3 fluid ounces (0.023 lb ai) per acre per year.

Weeds Controlled (English Pea)

AX IMAZAMOX AG will control listed weeds when applied postemergence at the specified rates listed as follows.

	AX IMAZAMOX AG at 3 fl ozs/A (0.023 lb ai /A)	AX IMAZAMOX AG at 3 fl ozs/A (0.023 lb ai /A) + Sodium bentazon
	Maximum Weed Size (inches)	
Nightshade,		
black	3	3
Eastern black	3	3
hairy	3	3
Mustard,		
black	3	3

tumble	3	3
wild	3	3
Pennycress, field	3	3
Pigweed,		
redroot	3	3
smooth	3	3
spiny	3	3
Shepard's-purse	3	3

Lima Bean (Succulent)[*]

[*Not for use on lima bean (succulent) in California.]

For postemergence use in lima bean (succulent).

Apply **AX IMAZAMOX AG** ONLY if proper agronomic practices have been used, including good soil fertility, proper crop rotation, disease and insect management and tillage practices that eliminate compaction and hardpans. Occasionally, internode shortening and/or temporary yellowing of crop plants may occur following **AX IMAZAMOX AG** application in lima bean. These effects can be more pronounced if crops are growing under stressful environmental or hot and humid conditions. These effects occur infrequently and are temporary. Normal growth and appearance will resume within days.

THIS PRODUCT WHEN USED ON LIMA BEAN (SUCCULENT) MAY LEAD TO CROP INJURY, LOSS, OR DAMAGE. AXION AG PRODUCTS ADVISES THAT THE USER AND/OR GROWER TEST THIS PRODUCT TO DETERMINE ITS SUITABILITY FOR SUCH INTENDED USE.

Use Rate

Early Postemergence Application. Apply **AX IMAZAMOX AG** to lima bean (succulent) at the broadcast rate of 4 fluid ounces (0.031 lb ai) per acre tank mixed with sodium bentazon. When used in lima beans, this product must be applied with sodium bentazon to minimize crop response. sodium bentazon application at higher rates may reduce grass control.

Base application timing on weed size and crop growth stage. Apply to actively growing crop and weeds. Apply **AX IMAZAMOX AG** + sodium bentazon postemergence to lima beans in the first to second trifoliolate leaf stage and to weeds that are less than 3-inches tall. Application before the first trifoliolate leaf stage may result in increased crop response. **DO NOT** apply **AX IMAZAMOX AG** + sodium bentazon to lima beans during flowering.

Nonionic surfactant must be added to the spray solution. NIS must contain at least 80% active ingredient and be used at 1 quart per 100 gallons of spray solution.

AX IMAZAMOX AG tank mixes with any pesticide other than sodium bentazon are not advised. Certain insecticide and herbicide tank mixes with **AX IMAZAMOX AG** in lima beans have shown unacceptable crop response.

Apply **AX IMAZAMOX AG** a minimum of 1 hour before rainfall or overhead irrigation.

Lima Bean (Succulent) Restrictions

- **DO NOT** make more than 1 application per year.
- **DO NOT** apply more than 4 fluid ounces (0.031 lb ai) per acre per application.
- **DO NOT** apply more than 4 fluid ounces (0.031 lb ai) per acre per year.

Weeds Controlled [Lima Bean (Succulent)]

AX IMAZAMOX AG will control or suppress listed weeds when applied postemergence at the specified rates listed as follows.

Broadleaf Weeds Controlled by AX IMAZAMOX AG in Lima Bean (Succulent)

	AX IMAZAMOX AG at 4 fl ozs/A (0.031 lb ai /A) + Sodium bentazon
	Maximum Weed Size (inches)
Bedstraw	3
Beet, wild	3
Buttercup	3
Chickweed, common	3
Jimsonweed	3
Mustard,	
black	3
tumble	3
wild	3
Nightshade,	
black	3
Eastern black	3
hairy	3
Pennycress, field	3
Pigweed,	
redroot	3
smooth	3
spiny	3
Puncturevine	3
Radish, wild	3
Shepherd's-purse	3
Tansymustard, green	3

Broadleaf Weeds Suppressed by AX IMAZAMOX AG herbicide in Lima Bean (Succulent)

	AX IMAZAMOX AG at 4 fl ozs/A (0.031 lb ai /A) + Sodium bentazon
	Maximum Weed Size (inches)
Buckwheat, wild	3
Chickweed, common	3
Cocklebur, common	3
Knotweed, prostrate	3
Kochia*	3
Lambsquarters, common	3
Lettuce, miner's	3
Morningglory,	
entireleaf	3
ivyleaf	3
smallflower	3
tall	3
Purslane, common	3
Rocket, London	3
Smartweed,	

ladysthumb	3
Pennsylvania	3
Spurge, prostrate	3
*This product controls non-ALS-resistant kochia only.	

Grass Weeds Controlled by AX IMAZAMOX AG in Lima Bean (Succulent)

	AX IMAZAMOX AG at 4 fl ozs/A (0.031 lb ai /A) + Sodium bentazon
	Maximum Weed Size (inches)
Barnyardgrass	3
Blackgrass	3
Brome, cheat	3
downy	3
Japanese	3
Canarygrass, littleseed	3
Cereals, volunteer	
barley	3
oat	3
wheat (non-Clearfield®)	3
Corn, volunteer*	2 to 8
Darnel, Persian	3
Foxtail, giant	3
green	3
yellow	3
Jointed goatgrass	3
Oat, wild	3
Ryegrass, Italian	3
Shattercane	3
*Except Clearfield corn	

Grass Weeds and Sedges Suppressed by AX IMAZAMOX AG in Lima Bean (Succulent)

	AX IMAZAMOX AG at 4 fl ozs/A (0.031 lb ai /A) + Sodium bentazon
	Maximum Weed Size (inches)
Grass Weeds	
Crabgrass, large	3
smooth	3
Johnsongrass, rhizome	3
Sedges	
Nutsedge, purple	3
yellow	3
Quackgrass	3

Snap Bean[*]

[*Not for use on snap bean in California.]

AX IMAZAMOX AG may be applied to snap bean. Occasionally, internode shortening and/or temporary yellowing of snap beans may occur following application of this product. These effects can be more pronounced if snap beans are growing under stressful environmental or hot and humid conditions. These effects occur infrequently and are temporary. Normal growth and appearance will resume within days.

Apply **AX IMAZAMOX AG ONLY** if proper agronomic practices have been used, including good soil fertility, proper crop rotation, disease and insect management and tillage practices that eliminate compaction and hardpans. **DO NOT** apply to snap beans that have been injured from application of soil applied herbicides.

Apply **AX IMAZAMOX AG** postemergence to snap bean with at least one fully expanded trifoliolate leaf and before the bloom stage. **For use in Idaho, Oregon and Washington**, apply this product to snap bean at first or second trifoliolate leaf stage. Delay application until the majority of the weeds are at the specified growth stage. Base application timing on weed size and crop growth stage. Apply this product to actively growing crop and weeds.

DO NOT apply **AX IMAZAMOX AG** to snap bean during flowering.

THIS PRODUCT WHEN USED ON SNAP BEAN MAY LEAD TO CROP INJURY, LOSS, OR DAMAGE. AXION AG PRODUCTS ADVISES THAT THE USER AND/OR GROWER TEST THIS PRODUCT TO DETERMINE ITS SUITABILITY FOR SUCH INTENDED USE.

Use Rate

Apply **AX IMAZAMOX AG** to snap bean at the broadcast rate of 4 fluid ounces (0.031 lb ai) per acre tank mixed with sodium bentazon (refer to label for use rates). **When used in snap beans, AX IMAZAMOX AG must be applied with sodium bentazon to minimize crop response.** sodium bentazon application at higher rates may reduce grass control.

Additional Mixing Instructions for Snap Bean

For use in Delaware, Florida, Illinois, Indiana, Iowa, Maryland, Michigan, Minnesota, New York, Pennsylvania, Virginia, and Wisconsin. Nonionic surfactant must be added to the spray solution. NIS must contain at least 80% active ingredient and be used at 1 quart per 100 gallons of spray solution. **DO NOT** use COG, MSO, or HSOC.

For use in Idaho, Oregon and Washington. Nonionic surfactant and nitrogen fertilizer must be added to the spray solution. NIS must contain at least 80% active ingredient and be used at 1 quart/100 gallons of spray solution. Alternatively, COC (1 gallon per 100 gallons of spray solution), MSO (1 to 2 gallons per 100 gallons of spray solution), or HSOC (0.5 gallon per 100 gallons of spray solution) can be used.

Specified nitrogen-based fertilizers include liquid fertilizers, including 28-0-0, 32-0-0, or 10-34-0, at 2.5 gallons per 100 gallons of spray solution. Instead of a liquid fertilizer, spray-grade ammonium sulfate may be used at 12 to 15 pounds per 100 gallons of spray solution.

AX IMAZAMOX AG tank mixes with any pesticide other than sodium bentazon are not advised. Certain insecticide and herbicide tank mixes with **AX IMAZAMOX AG** in snap bean have shown unacceptable crop response.

Snap Bean Restrictions

- Application of this product must be made before snap bean bloom.
- **DO NOT** make more than 1 application per year.
- **DO NOT** apply more than 4 fluid ounces (0.031 lb ai) per acre per application.
- **DO NOT** apply more than 4 fluid ounces (0.031 lb ai) per acre per year.

Weeds Controlled (Snap Bean)

AX IMAZAMOX AG will control or suppress listed weeds when applied postemergence to 1 -inch to 3-inch weeds (unless otherwise indicated) at the specified rates listed as follows.

Broadleaf Weeds Controlled by AX IMAZAMOX AG in Snap Bean

	AX IMAZAMOX AG at 4 fl ozs/A (0.031 lb ai /A) + Sodium bentazon
	Maximum Weed Size (inches)
Bedstraw	3
Beet, wild	3
Buttercup	3
Chickweed, common	3
Jimsonweed	3
Mustard,	
black	3
tumble	3
wild	3
Nightshade, black	3
Eastern black	3
hairy	3
Pennycress, field	3
Pigweed,	
redroot	3
smooth	3
spiny	3
Puncturevine	3
Radish, wild	3
Shepherd's-purse	3
Tansymustard, green	3

Broadleaf Weeds Suppressed by AX IMAZAMOX AG in Snap Bean

	AX IMAZAMOX AG at 4 fl ozs/A (0.031 lb ai /A) + Sodium bentazon
	Maximum Weed Size (inches)
Buckwheat, wild	3
Chickweed, common	3
Cocklebur, common	3
Knotweed, prostrate	3
Kochia*	3
Lambsquarters, common	3
Lettuce, miner's	3
Morningglory,	
entireleaf	3
ivyleaf	3
smallflower	3
tall	3
Purslane, common	3
Rocket, London	3
Smartweed,	
ladysthumb	3

Pennsylvania	3
Spurge, prostrate	3
*This product controls non-ALS-resistant kochia only.	

Grass Weeds Controlled by AX IMAZAMOX AG in Snap Bean

	AX IMAZAMOX AG at 4 fl ozs/A (0.031 lb ai /A) + Sodium bentazon
	Maximum Weed Size (inches)
Barnyardgrass	3
Blackgrass	3
Brome,	
cheat	3
downy	3
Japanese	3
Canarygrass, littleseed	3
Cereals, volunteer	
barley	3
oat	3
smallflower	3
tall	3
wheat (non-Clearfield®)	3
Corn, volunteer*	3
Darnel, Persian	3
Foxtail,	
giant	3
green	3
yellow	3
Jointed goatgrass	3
Oat, wild	3
Ryegrass, Italian	3
Shattercane	3
*Except Clearfield corn	

Grass Weeds and Sedges Suppressed by AX IMAZAMOX AG in Snap Bean

	AX IMAZAMOX AG at 4 fl ozs/A (0.031 lb ai /A) + Sodium bentazon
	Maximum Weed Size (inches)
Grass Weeds	
Crabgrass,	
large	3
smooth	3
Johnsongrass, rhizome	3
Sedges	3
Nutsedge,	
purple	3
yellow	3
Quackgrass	3
Shattercane	3

Soybean[*]

[*Not for use on soybean in California.]

AX IMAZAMOX AG is effective in controlling weeds in conservation tillage and conventional tillage production systems. This product can be applied early postemergence in soybeans but before the bloom stage. Refer to the specific treatment under the **Application Information** section of the label.

Unusually cool temperatures (50° F or less) reduce photosynthesis and transpiration and, thus, reduce uptake, translocation, and efficacy of **AX IMAZAMOX AG** in weeds. Delaying application of this product for 48 hours from the time the temperature increases to above 50° F, if air temperature has been below 50° F for 10 or more hours, will improve weed control and reduce crop response.

No-till/Minimum Tillage and Double-crop Soybeans.

AX IMAZAMOX AG controls existing weeds and provides residual activity on some weeds when applied early postemergence to soybeans in no-till or minimum tillage and double-crop soybean production systems. The application must be applied after emergence of the crop. Refer to **Weeds Controlled (Soybean)** tables for weeds controlled and specified weed size.

To ensure thorough coverage, use a minimum of 20 gallons of water/acre in no-till or minimum tillage systems. Use higher gallonage for fields with dense vegetation or heavy crop residue.

Before planting or emergence of soybeans, any glyphosate-containing product registered for that use may be applied to control emerged weeds. See specific product label for rates, use directions, precautions, and restrictions.

Use Rate

Apply 4 fluid ounces (0.031 lb ai) per acre to soybean when preceded by a full rate of a registered soil-applied grass herbicide like pendimethalin.

OR

Apply 5 fluid ounces (0.039 lb ai) per acre to soybean in a total postemergence herbicide program.

AX IMAZAMOX AG may be applied postemergence at a broadcast rate of 4 fluid ounces (0.031 lb ai) per acre when it is preceded with a full labeled rate of a soil-applied grass herbicide including pendimethalin. At this rate, 1 gallon of this product will treat 32 acres of soybeans. **AX IMAZAMOX AG** may be applied postemergence at a broadcast rate of 5 fluid ounces (0.039 lb ai) per acre; including minimum-till and no-till). At this broadcast rate, one gallon of this product will treat 25.6 acres of soybeans.

Soybean Restrictions

- Application of this product must be made before soybean bloom.
- **DO NOT** make more than 1 application per year.
- **DO NOT** apply more than 5 fluid ounces (0.039 lb ai) per acre per application.
- **DO NOT** apply more than 5 fluid ounces (0.039 lb ai) per acre per year.
- If soybeans are furrow irrigated, till the soil before planting winter wheat or barley. Break up the beds and mix soil with tillage equipment set to cut 4-inches to 6-inches deep.

Weeds Controlled (Soybean)

When applied as directed, **AX IMAZAMOX AG** will control or suppress listed weeds as follows. Refer to **Application Information** section for use directions when weeds are at the maximum specified growth stage or are under stress.

Broadleaf Weeds Controlled by AX IMAZAMOX AG Alone or in a Sequential* Program in Soybean

	AX IMAZAMOX AG Alone Postemergence	Pendimethalin Soil- applied followed by AX IMAZAMOX AG* Postemergence
	5 fl ozs/A (0.039 lb ai /A)	4 fl ozs/A (0.031 lb ai /A)
	Weed Size (inches)	
Artichoke, Jerusalem	3 to 8	3 to 8
Carpetweed		2 to 4
Chickweed, common	2 to 5	2 to 5
Cocklebur, common	2 to 8	2 to 8
Jimsonweed	2 to 6	2 to 6
Kochia**	1 to 4	1 to 4
Lambsquarters, common	2 to 5	2 to 5
Mallow, Venice	1 to 4	
Marshelder	2 to 4	2 to 4
Morningglory,		
entireleaf	2 to 4	
ivyleaf	2 to 4	
smallflower	2 to 4	
tall	2 to 4	
Mustard spp.	2 to 8	2 to 8
Nightshade,		
black	2 to 5	2 to 5
Eastern black	2 to 5	2 to 5
hairy	2 to 5	2 to 5
Pigweed,		
Palmer amaranth***	2 to 4	2 to 4
prostrate	2 to 5	2 to 5
redroot	2 to 8	2 to 8
smooth	2 to 8	2 to 8
spiny	2 to 5	2 to 5
Puncturevine	1 to 3	
Purslane, common	1 to 3	1 to 3
Pusley, Florida		2 to 4
Radish, wild	2 to 4	2 to 4
Ragweed,		
common***	2 to 5	
giant***	2 to 5	2 to 5
Smartweed,		
ladysthumb	2 to 5	2 to 5
Pennsylvania	2 to 5	2 to 5
Spurge, annual		2 to 4

	AX IMAZAMOX AG Alone Postemergence	Pendimethalin Soil- applied followed by AX IMAZAMOX AG* Postemergence
	5 fl ozs/A (0.039 lb ai /A)	4 fl ozs/A (0.031 lb ai /A)
	Weed Size (inches)	
Sunflower	2 to 8	2 to 8
Velvetleaf	2 to 8	2 to 8
<p>* Soil-applied grass herbicide, including pendimethalin, is followed by a postemergence application of this product at a broadcast rate of 4 fluid pounces (0.031 lb ai) per acre.</p> <p>** Control of light-to-moderate populations only. For control of heavier, populations, use a sequential application with a soil-applied grass herbicide, as described above.</p> <p>*** Control of light-to-moderate populations of ALS-susceptible biotypes only. For control of heavier populations of ALS-resistant biotypes, see Tank Mix Herbicides following in the Soybean section.</p>		

Broadleaf Weeds Suppressed by AX IMAZAMOX AG Alone or in a Sequential* Program in Soybean

	AX IMAZAMOX AG Alone Postemergence	Pendimethalin Soil- applied followed by AX IMAZAMOX AG* Postemergence
	5 fl ozs/A (0.039 lb ai /A)	4 fl ozs/A (0.031 lb ai /A)
	Weed Size (inches)	
Bindweed,		
field (seedling)	2 to 4	2 to 4
hedge (seedling)	2 to 4	2 to 4
Buckwheat, wild	1 to 3	1 to 3
Mallow, Venice**		1 to 4
Morningglory,		
entireleaf**		2 to 4
ivyleaf**		2 to 4
pitted	2 to 4	2 to 4
smallflower**		2 to 4
tall**		2 to 4
Ragweed, common**		2 to 5
Sida, prickly	2 to 4	2 to 4
Sowthistle, annual	2 to 4	2 to 4
Thistle, Canada	2 to 5	2 to 5
<p>* Soil-applied grass herbicide, including pendimethalin, is followed by a postemergence application of this product at a broadcast rate of 4 fluid ounces (0.031 lb ai) per acre.</p> <p>** For control, see the 5 fluid ounces (0.039 lb ai) per acre rate and Tank Mix Herbicides following in the Soybean section.</p>		

Grass Weeds Controlled by AX IMAZAMOX AG Alone or in a Sequential* Program in Soybean

	AX IMAZAMOX AG Alone Postemergence	Pendimethalin Soil- applied followed by AX IMAZAMOX AG* Postemergence
	5 fl ozs/A (0.039 lb ai /A)	4 fl ozs/A (0.031 lb ai /A)
	Weed Size (inches)	
Barley, wild	2 to 4	2 to 4
Barnyardgrass	2 to 5**	2 to 5
Corn, volunteer***	2 to 8	2 to 8
Crabgrass,		
large		2 to 4
smooth		2 to 4
Crowfoot grass		2 to 5
Cupgrass, woolly		2 to 4
Foxtail,		
giant	2 to 6	2 to 6
green	2 to 6	2 to 6
yellow	2 to 6	2 to 6
Goosegrass		2 to 5
Johnsongrass, seedling	4 to 8	4 to 8
Millet, wild proso	2 to 4**	2 to 4
Oat, wild	2 to 6	2 to 6
Panicum,		
fall	2 to 6	2 to 6
Texas		2 to 6
Sandbur, field****		2 to 5
Shattercane	2 to 8	2 to 8
Signalgrass, broadleaf	2 to 5**	2 to 5
Wheat, volunteer (non-Clearfield®)	2 to 4****	2 to 4
Witchgrass		2 to 5

* Soil-applied grass herbicide, including pendimethalin, is followed by a postemergence application of this product at a broadcast rate of 4 fluid ounces (0.031 lb ai) per acre.

** Control of light-to-moderate populations only. For control of heavier populations, use a sequential application with a soil-applied grass herbicide, as described above.

*** Except Clearfield corn

**** For control, a dinitroaniline (DMA) herbicide, including pendimethalin, must be soil-applied at a full labeled rate.

Grass Weeds and Sedges Suppressed by AX IMAZAMOX AG Alone or in a Sequential* Program in Soybean

	AX IMAZAMOX AG Alone Postemergence	Pendimethalin Soil-applied followed by AX IMAZAMOX AG* Postemergence
	5 fl ozs/A (0.039 lb ai /A)	4 fl ozs/A (0.031 lb ai /A)
	Weed Size (inches)	
Grass Weeds		
Crabgrass,		
large	2 to 4	
smooth	2 to 4	
Cuporass woolly	2 to 4	
Goosegrass	2 to 4	
Itchgrass		2 to 5
Johnsongrass, rhizome	6 to 12	6 to 12
Quackgrass		4 to 8
Red rice		2 to 5
Stinkgrass	2 to 4	
Sedges		
Nutsedge,		
purple	1 to 3	1 to 3
yellow	1 to 3	1 to 3
* Soil-applied grass herbicide including pendimethalin, is followed by a postemergence application of this product at a broadcast rate of 4 fluid ounces (0.031 lb ai).		

Tank Mix 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 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.

Grass Weeds

Use a soil-applied grass herbicide (including pendimethalin) if heavy infestations of some grass weeds exist or if **AX IMAZAMOX AG** does not control the species present. Refer to the pendimethalin, or other grass herbicide label for specific use directions, rates, and precautions.

Glyphosate may be tank mixed with **AX IMAZAMOX AG** to aid in control of certain grass weeds only in soybeans containing the Roundup Ready® or glyphosate resistant gene trait. **DO NOT** tank mix this product with glyphosate plus imazethapyr. If a selective postemergence grass herbicide, including sethoxydim, is mixed with this product to control species that are not controlled with this product alone, include MSO or COG (1 to 2 gallons per 100 gallons) or an HSOC at 0.5 gallon/100 gallons **AND** add liquid fertilizer (2.5 gallons per 100 gallons) to the tank mixture.

In some cases, the activity of the grass herbicide may be reduced when mixed with **AX IMAZAMOX AG**. The reduction in activity may be overcome by delaying application of the postemergence grass herbicide 7 days following application of this product. If the postemergence grass herbicide is applied first, wait 3 days before applying this product. Refer to the respective grass herbicide label for specific application rate, weed size, and restrictions.

Broadleaf Weeds

Glyphosate may be tank mixed with **AX IMAZAMOX AG** to aid in control of certain broadleaf weeds only in soybeans containing **Roundup Ready** or **Glyphosate-resistant** gene traits.

Tank mixing **AX IMAZAMOX AG** and certain broadleaf herbicides (e.g. diphenylethers and sodium bentazon) can reduce grass control; therefore, a sequential program including a soil-applied grass herbicide, including pendimethalin, is advised for optimal control.

Enhanced Control of Kochia, Palmer Amaranth, Ragweed Species, and Waterhemp. Use a soil application of pendimethalin followed by a postemergence application of **AX IMAZAMOX AG** at a broadcast rate of 4 to 5 fluid ounces (0.031-0.039 lb ai) per acre plus a diphenylether, including acifluorfen (acifluorfen), or glyphosate for enhanced control of kochia, Palmer amaranth, ragweed, and waterhemp. Refer to the pendimethalin, or acifluorfen labels for specific use directions, rates, restrictions, and precautions.

When tank mixing **AX IMAZAMOX AG** and acifluorfen, apply this product at a broadcast rate of 5 fluid ounces (0.039 lb ai) per acre or 4 fluid ounces (0.031 lb ai) per acre when preceded by a full rate of a registered soil-applied grass herbicide. Apply acifluorfen according to the label rates depending on weed height.

Enhanced Control of Common Ragweed and Giant Ragweed. Cloransulam-methyl may be tank mixed with **AX IMAZAMOX AG** to aid in the control of common ragweed and giant ragweed. Use the higher rate when weeds approach maximum labeled size. See the cloransulam-methyl label for specific rates and precautions.

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 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.

Rotational Crop Restrictions

Rotational crops may be planted after applying the specified rate of **AX IMAZAMOX AG** in **Region 1** and **Region 2**, as indicated on the map.



Region 1 - States and parts of states WEST of US Highway 83 (Alaska, Arizona, California, Colorado, Hawaii, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, Wyoming, and western parts of Kansas, Nebraska, North Dakota, Oklahoma, South Dakota, and Texas)

Region 2 - States and parts of states EAST of US Highway 83 (includes the eastern parts of Kansas, Nebraska, North Dakota, Oklahoma, South Dakota, and Texas, and the states east of these states)

Rotational Interval (months) following AX IMAZAMOX AG Application

Plant-back Interval (months)	Region 1	Region 2
Anytime	Clearfield® canola Clearfield corn (field and seed) Clearfield lentil Clearfield rice Clearfield and Clearfield® Plus sunflower Clearfield and Clearfield Plus wheat Dry beans and dry peas except non- Clearfield lentil Edamame English peas Lima beans (succulent) Snap beans Soybeans	Clearfield canola Clearfield corn (field and seed) Clearfield lentil Clearfield rice Clearfield and Clearfield Plus sunflower Clearfield and Clearfield Plus wheat Dry beans and dry peas except non- Clearfield lentil Edamame English peas Lima beans (succulent) Snap beans Soybeans
3	Alfalfa ^{1,4} Wheat (non- Clearfield)	Alfalfa ⁴ Wheat (non- Clearfield)
4	Rye	Rye
8-1/2	Corn (non- Clearfield field, seed, sweet, and popcorn)	Corn (non- Clearfield field, seed, sweet, and popcorn)
9	¹ Barley Cantaloupe Cotton Grain sorghum ⁵ Lentil (non- Clearfield) Lettuce Millet Oat Onion Peanut Pumpkin Rice Squash Sunflower Tobacco Watermelon	¹ Barley Broccoli Cabbage Cantaloupe Carrot Cotton Cucumber Grain sorghum ⁵ Lentil (non- Clearfield) Lettuce Millet Oat Onion Peanut Pepper ¹ Potato Pumpkin Rice Squash Sunflower Tobacco Tomato Turnip Watermelon
18	¹ Barley Broccoli Cabbage Carrot Cucumber Lentil (non- Clearfield) All other crops not listed in the Rotational Crop Restrictions	¹ Barley Canola (non- Clearfield) Condiment mustard Lentil (non- Clearfield) All other crops not listed in the Rotational Crop Restrictions
26	Canola (non- Clearfield) Condiment mustard ³ Sugar beet Table beet	² Sugar beet ² Table beet
¹ Refer to the following tables for rotational intervals for planting following application of this product. ² In Region 2 , sugar beets and table beets can be planted 18 months following an application of this product if the soil pH is uniformly 6.2 or greater. If the soil pH is less than 6.2, the rotational interval is 26 months. Sugar beet yields can be reduced when grown in soil conditions with a pH less than 6.2. If the soil is limed to adjust the soil pH, apply the lime at least 18 months before planting sugar beet or other rotational crops under the 18-month rotational interval. ³ For sugar beets grown in parts of Nebraska west of Highway 83, and Platte, Goshen, and Laramie counties in Wyoming, follow the sugar beet rotational crop restrictions for Region 2 for sprinkler-irrigated fields		

only. If fields are dryland, flood or furrow irrigated, follow restrictions for **Region 1**. A minimum of 10 inches of overhead irrigation must be applied each season to qualify for Region 2 guidelines.

⁴ Planting non-Clearfield spring or winter wheat in areas receiving less than 10 inches of precipitation from the time of application of this product up until wheat planting may result in wheat injury. The possibility of injury increases if less than normal precipitation occurs from the time of application to planting and/or within the first 2 months after application of this product.

⁵ In **Region 1** and **Region 2**, non-Clearfield lentil may be planted 9 months following an application of this product if no more than 5 fluid ounces (0.039 lb ai) per acre of this product has been applied and the soil pH is uniformly greater than 6.2.

Barley Rotational Interval based on pH, Moisture, and Tillage		Moldboard Plowing	
Region 1 and Region 2		NO	YES
pH and Rainfall requirements	> 18 inches R+I AND pH > 6.2	9 months	
	< 18 inches R+I OR pH < 6.2	18 months	9 months

Potato Rotational Interval based on pH and Moisture		
Region 2		
pH and Rainfall requirements	> 18 inches R+I AND pH > 6.2	9 months
	< 18 inches R+I OR pH < 6.2	18 months

Non-Clearfield® Wheat Rotational Interval based on pH, Moisture, and Tillage		Moldboard Plowing	
Region 1		NO	YES
pH and Rainfall requirements	> 10 inches R+I AND pH > 6.2	3 months	
	< 10 inches R+I OR pH < 6.2	15 months	3 months

Non-Clearfield Wheat Rotational Interval based on pH and Moisture		
Washington and selected counties in Idaho* and Oregon**		
pH and Rainfall requirements	> 16 inches R+I AND pH > 6.2	3 months
	< 16 inches R+I OR pH < 6.2	15 months
* Selected counties in Idaho - Benewah, Bonner, Boundary, Clearwater, Idaho, Kootenai, Latah, Lewis, Nez Perce, and Shoshone		
** Selected counties in Oregon - All but Malheur		

When taking soil samples to determine soil pH, use a grid sampling technique, sampling to a depth of 3 to 4 inches.

R+I = Rainfall and overhead irrigation from the time of **AX IMAZAMOX AG** application up until time of barley, potato, or non-Clearfield wheat planting. **Does not include furrow or flood irrigation.**

If the rainfall or pH requirements are not fully met, and barley or non-Clearfield wheat is planted before the specified rotation interval, injury may be reduced by tillage, including deep disking (greater than 6-inches deep) after crop harvest but before November 1.

The possibility of injury to barley or non-Clearfield wheat planted the next season increases **if less than normal precipitation occurs from the time of application to planting and/or within the first two months after AX IMAZAMOX AG application.**

Furrow-irrigated and Flood-irrigated Crops

Following harvest of furrow-irrigated or flood-irrigated crops, thoroughly mix soil by plowing or deep disking to minimize the potential for herbicide carryover to the following crop.

Use of **AX IMAZAMOX AG** in accordance with label directions is expected to result in normal growth of rotational crops in most situations; however, various environmental and agronomic factors, including arid conditions, make it impossible to eliminate all risks associated with the use of this product and, therefore, rotational crop injury is always possible.

USE PRECAUTIONS

In the event of a crop loss due to weather, dry beans, dry peas, Clearfield canola, Clearfield corn, Clearfield lentil, Clearfield and Clearfield® Plus sunflower, Clearfield and Clearfield Plus wheat, edamame, peas (English), lima beans (succulent), snap beans, or soybeans can be replanted. **DO NOT** make an additional application of **AX IMAZAMOX AG**.

Application of products containing chlorimuron ethyl, metsulfuron-methyl, imazaquin, or imazethapyr the same year as **AX IMAZAMOX AG** may increase the risk of injury to sensitive rotational crops. Consult all pertinent labels for use of these products in combinations.

If arid conditions occur during the year of application, rotational crop injury may occur.

USE RESTRICTIONS

In the event of a crop loss due to weather, dry beans, dry peas, **Clearfield** canola, **Clearfield** corn, **Clearfield** lentil, **Clearfield** and **Clearfield® Plus** sunflower, **Clearfield** and **Clearfield Plus** wheat, edamame, peas (English), lima beans (succulent), snap beans, or soybeans can be replanted. **DO NOT** make an additional application of **AX IMAZAMOX AG**.

STORAGE AND DISPOSAL

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

Pesticide Storage: KEEP FROM FREEZING. **DO NOT** store below 32° F.

Pesticide Disposal: Wastes resulting from the use of this product must be disposed of on-site or at an approved waste disposal facility.

Container Handling

NONREFILLABLE CONTAINER (EQUAL TO OR LESS THAN 5 GALLONS): **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. Offer for recycling, if available or reconditioning if appropriate or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

NONREFILLABLE CONTAINER (GREATER THAN 5 GALLONS): **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. 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. Offer for recycling, if available or reconditioning if appropriate or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

Pressure rinse as follows (all sizes): Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the

container and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

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. After triple rinsing is complete, and the container is not suitable for refilling or reconditioning, offer the container for recycling if available, or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures approved by state and local authorities. **DO NOT** burn, unless allowed by state and local ordinances.

Steps to take if material is released or spilled:

- Dike and contain the spill with inert material (sand, earth, etc.) and transfer liquid and solid diking material to separate containers for disposal.
- Remove contaminated clothing, and wash affected skin areas with soap and water.
- Wash clothing before reuse.
- Keep the spill out of all sewers and open bodies of water.

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

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

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather, presence of other materials or other influencing factors in the use of the product, which are beyond the control of AXION AG PRODUCTS, LLC or Seller, TO THE EXTENT CONSISTENT WITH APPLICABLE LAW All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold AXION AG PRODUCTS, LLC and Seller harmless for any claims relating to such factors.

AXION AG PRODUCTS, LLC warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of this product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or AXION AG PRODUCTS, LLC, and TO THE EXTENT CONSISTENT WITH APPLICABLE LAW Buyer and User assume the risk of any such use. AXION AG PRODUCTS, LLC MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

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