



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

EPA Reg. Number:

89167-76

Date of Issuance:

7/13/20

NOTICE OF PESTICIDE:

Registration  
 Reregistration  
 (under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

AX Imazamox NC

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.
2. Make the following label changes before you release the product for shipment:
  - Revise the EPA Registration Number to read, "EPA Reg. No. 89167-76."
3. Submit one copy of the revised final printed label for the record before you release the product for shipment.

Signature of Approving Official:

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

Date:

7/13/20

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.

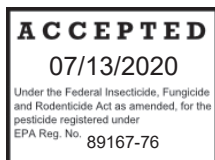
If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. Please also note that the record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

- Basic CSF dated 03/23/2020

If you have any questions, please contact BeWanda Alexander by phone at (703)347-0313, or via email at [alexander.bewanda@epa.gov](mailto:alexander.bewanda@epa.gov)

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

# AX IMAZAMOX NC

[For The Control of Vegetation in and Around Aquatic and Noncropland Sites]  
 [Including Areas That May Be Grazed or Cut for Hay]

| 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%         |
| <b>OTHER INGREDIENTS:</b> .....   | <b>87.9%</b>  |
| <b>TOTAL:</b> .....   | <b>100.0%</b> |

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

1 gallon contains 1.0 pound of active ingredient 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 label booklet for First Aid, Precautionary Statements and Directions for Use.]  
 [SEE INSIDE BOOKLET FOR FIRST AID AND ADDITIONAL PRECAUTIONARY STATEMENTS.]

| FIRST AID   |  |
|---|--|
| <b>IF ON SKIN OR CLOTHING:</b>  | <ul style="list-style-type: none"> <li>Take off contaminated clothing.</li> <li>Rinse skin immediately with plenty of water for 15 to 20 minutes.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>   |
| <b>IF IN EYES:</b>  | <ul style="list-style-type: none"> <li>Hold eyes open and rinse slowly and gently with water for 15 to 20 minutes.</li> <li>Remove contact lenses, if present, after first 5 minutes; then continue rinsing eyes.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul> |
| <b>IF INHALED:</b>  | <ul style="list-style-type: none"> <li>Move person to fresh air.</li> <li>If person is not breathing, call 911 or an ambulance; then give artificial respiration, preferably mouth to mouth if possible.</li> <li>Call a poison control center or doctor for further treatment advice.</li> </ul>  |
| 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 <b>1-800-858-7378</b> or your poison control center at <b>1-800-222-1222</b> .<br>For Chemical Spill, Leak, Fire or Exposure, call CHEMTREC <b>800-424-9300</b> . |  |

EPA Reg. No.: 89167-TA

EPA Est. No.: \_\_\_\_\_

Net Contents: \_\_\_ Gal (\_\_\_ L)

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

071320

## {LANGUAGE INSIDE BOOKLET}

### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

Harmful if absorbed through skin. Avoid contact with skin, eyes, or clothing.

#### PERSONAL PROTECTIVE EQUIPMENT (PPE)

##### Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves such as barrier laminate, butyl rubber  $\geq$  14 mils, nitrile rubber  $\geq$  14 mils, neoprene rubber  $\geq$  14 mils, natural rubber (includes natural rubber blends and laminates)  $\geq$  14 mils, polyethylene, polyvinyl chloride (PVC)  $\geq$  14 mils, or viton  $\geq$  14 mils
- Shoes plus socks

Follow the manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. **DO NOT** reuse them.

##### Engineering Control Statement

Water soluble packets, when used correctly, qualify as a closed mixing/loading system under the Worker Protection Standard [40 CFR 170.607(d)]. Mixers and loaders handling this product while it is enclosed in intact water soluble packets may elect to wear reduced PPE of long-sleeved shirt, long pants, shoes, socks. When reduced PPE is worn because a closed system is being used, handlers must be provided all PPE specified above for "applicators and other handlers" and have such PPE immediately available for use in an emergency, such as a spill or equipment breakdown.

#### USER SAFETY RECOMMENDATIONS

##### Users should:

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

#### ENVIRONMENTAL HAZARDS

This pesticide may be hazardous to plants outside the treated area. **DO NOT** apply to water except as specified in this label. **DO NOT** contaminate water when disposing of equipment washwaters and rinsate.

##### 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 rain water. This is especially true for poorly draining soils and soils with shallow ground water.

This product is classified as having high potential for reaching surface water via runoff for several months or more after application. A level, well-maintained vegetative buffer strip between areas to which this product is applied and surface water features such as ponds, streams, and springs will reduce the potential loading of Imazethapyr from

runoff water and sediment. Runoff of this product will be reduced by avoiding applications when rainfall or irrigation is expected to occur within 48 hours.

#### **Non-Target Organisms Advisory**

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

#### **PHYSICAL AND CHEMICAL HAZARDS**

**DO NOT** mix or allow contact with oxidizing agents, as a 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 labeling 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.

Ensure spray drift to nontarget susceptible species does not occur.

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

Observe all cautions and limitations on this label and on the labels of products used in combination with AX IMAZAMOX NC. **DO NOT** use AX IMAZAMOX NC other than in accordance with the instructions set forth on this label. Keep containers closed to avoid spills and contamination.

#### **PRODUCT INFORMATION**

AX IMAZAMOX NC herbicide is an aqueous formulation that may be diluted in water and either applied directly to water for the control/suppression of certain submerged aquatic vegetation or applied as a broadcast or spot spray to floating and emergent vegetation. Aquatic sites that may be treated include estuarine and marine sites, ponds, lakes, reservoirs, wetlands, marshes, swamps, bayous, arroyos, ditches, canals, streams, rivers, creeks and other slow-moving or quiescent bodies of water. AX IMAZAMOX NC may also be used during drawdown conditions. AX IMAZAMOX NC may also be applied for terrestrial and riparian vegetation control in industrial noncropland sites, and railroad, utility, and highway rights-of-way. Industrial noncropland sites include utility plant sites, tank farms, pumping installations, storage areas, fence rows and ditch banks. AX IMAZAMOX NC may also be used for the establishment and maintenance of wildlife openings. AX IMAZAMOX NC may also be used on those sites listed above that may be grazed or cut for hay.

AX IMAZAMOX NC is quickly absorbed by foliage and/or plant roots and rapidly translocated to the growing points stopping growth. Susceptible plants may develop a yellow appearance or general discoloration and will eventually die or be severely growth-inhibited.

AX IMAZAMOX NC is herbicidally active on many submerged, emergent and floating broadleaf and monocot aquatic plants. The relative levels of control and selectivity can be manipulated by using a choice of rates and herbicide placement (water-injected or floating/emergent foliar application).

To help maintain the utility of herbicide programs, the use of herbicides with different modes of action is effective in managing weed resistance.

## RESISTANCE-MANAGEMENT RECOMMENDATIONS

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. Appropriate resistance-management strategies should be followed.

### 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 such as hoeing or tillage. Prevent movement of resistant weed seeds to other fields by cleaning harvesting and tillage equipment when moving between fields, and planting clean seed.
- If a weed pest population continues to progress after treatment with this product, discontinue use of this product, and switch to another management strategy or herbicide with a different mode of action, if available.
- Contact your local extension specialist 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, LLC at [855-466-8428 or 844-425-8488 or other appropriate telephone number].

### Management of Resistant Biotypes

Since the occurrence of resistant weeds cannot be determined until after product use and scientific confirmation, to the extent consistent with applicable law, 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 should 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 this 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 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. Practices known to reduce weed development (tillage, crop competition) and herbicide use (weed scouting, proper application timing, banding) should be followed wherever possible. Consult local agricultural and weed authorities for additional IPM strategies established for your area.

### **SPRAY ADJUVANTS**

Applications of AX IMAZAMOX NC to emergent, floating or shoreline species require the use of a spray adjuvant. Always use a spray adjuvant that is appropriate for aquatic sites.

#### **Nonionic Surfactants**

Use a nonionic surfactant at 0.25% volume/volume (v/v) or higher (see manufacturer's label) of the spray solution (0.25% v/v is equivalent to 1 quart in 100 gallons). For best results, select a nonionic surfactant with an HLB (hydrophilic to lipophilic balance) ratio between 12 and 17 with at least 70% surfactant in the formulated product (alcohols, fatty acids, oils, ethylene glycol or diethylene glycol must not be considered as surfactants to meet the above requirements).

#### **Methylated Seed Oils or Vegetable Oil Concentrates**

Instead of a surfactant, a methylated seed oil or vegetable-based seed, oil concentrate may be used at 1.5 to 2 pints per acre. When using spray volumes greater than 30 gallons per acre, mix methylated seed oil or vegetable-based seed oil concentrates at 1 % of the total spray volume, or alternatively use a nonionic surfactant as described above. Research indicates that these oils may aid in AX IMAZAMOX NC deposition and uptake by plants under stress.

#### **Silicone-based Surfactants**

See manufacturer's label for specific rate directions. Silicone-based Surfactants may reduce the surface tension of the spray droplet allowing greater spreading on the leaf surface as compared to conventional nonionic surfactants. However, some silicone-based surfactants may dry too quickly, limiting herbicide uptake.

#### **Invert Emulsion**

AX IMAZAMOX NC can be applied as an invert emulsion. The spray solution results in an invert (water-in-oil) spray emulsion designed to minimize spray drift and spray runoff, resulting in more herbicide on the target foliage. The spray emulsion may be formed in a single tank (batch mixing) or injected (in-line mixing). Consult the invert chemical label for proper mixing directions.

#### **Other**

An antifoaming agent, spray pattern indicator, sinking agent or drift-reducing agent may be applied at the product labeled rate if necessary or desired.

### **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. Generally, to reduce fine droplets, nozzles should 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 should remain level with the crop and have minimal bounce.

**RELEASE HEIGHT - Aircraft**

Higher release heights increase the potential for spray drift.

**SHIELDED SPRAYERS**

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

**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 generally 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.

#### **AQUATIC USE DIRECTIONS**

AX IMAZAMOX NC herbicide may be applied directly to the water for the control of submerged aquatic plant species and some emergent and floating species, or as a foliar application specifically for emergent and floating species.

AX IMAZAMOX NC may be applied by surface and aerial equipment including both fixed-wing aircraft and helicopter.

#### **RESTRICTIONS:**

- **DO NOT** apply AX IMAZAMOX NC to achieve a total active ingredient concentration in the water greater than 500 ppb (173 fl ozs; 1.35 lbs ae\*) per surface acre.
- For aquatic applications, **DO NOT** apply more than 500 ppb (173 fl oz; 1.35 lbs ae) per surface acre.
- For aquatic applications, **DO NOT** apply more than 48.66 gals (48.66 lb ae) per surface acre per year.
- For aquatic applications, **DO NOT** apply more than 36 applications per year.
- For foliar broadcast applications, **DO NOT** apply more than 1 gallon (1 lb ae) of AX IMAZAMOX NC per surface acre per application for the control of emergent and floating vegetation.
- For surface applications, **DO NOT** apply more than 36 gals (36 lb ae) per surface acre per year.
- For surface applications, **DO NOT** apply more than 36 applications per year.
- For foliar spot applications, **DO NOT** apply more than 5% v/v (0.05 lbs ae/gal) of AX IMAZAMOX NC per surface acre per application. **DO NOT** apply more than 1 lb ae per surface acre.
- The retreatment interval is 10 days.

\*ae = acid equivalent

#### **Foliar Application**

##### Targeted Emergent and/or Floating Vegetation Application

To make surface applications targeting emergent or floating vegetation, uniformly apply with properly calibrated broadcast or spot treatment equipment in 10 or more gallons of water per surface acre. Spot treatments can be made with up to 5% (0.05 lb ae/gal; maximum 1 lb ae/surface acre) AX IMAZAMOX NC by volume. To ensure thorough spray coverage, higher spray volumes may be required when treating areas with large and/or dense vegetation. Use an appropriate spray pressure to minimize the drift potential depending upon spray equipment, conditions and application objectives.

##### **Foliar Treatment of Emergent and Floating Vegetation Guidelines**

- Always use a surfactant for foliar applications of emergent and floating weeds.
- Foliar applications of AX IMAZAMOX NC may be made as a broadcast spray or as a spot spray, with a percent spray solution ranging from 0.25% to 5% (0.0025-0.05 lbs ae/gal; maximum 1 lb ae/surface acre) AX IMAZAMOX NC by volume.
- Control will be reduced if spray is washed off foliage by wave action.

In aquatic sites, those application techniques described in the Terrestrial Use Directions section may be used to treat emergent vegetation.

### Application to Water

#### Water Application to Target Submerged and/or Emergent/Floating Vegetation

AX IMAZAMOX NC may be broadcast-applied to the water surface or injected below the water surface. AX IMAZAMOX NC may be applied as undiluted product or diluted with water prior to application. Under surface-matted conditions, inject AX IMAZAMOX NC below the water surface to achieve better product distribution.

Apply AX IMAZAMOX NC to water to achieve a final concentration of the active ingredient of no more than 500 ppb (173 fl ozs; 1.35 lbs ae) per surface acre. Multiple applications of AX IMAZAMOX NC may be made during the annual growth cycle to maintain the desired vegetation response.

**AX IMAZAMOX NC Rates per Treated Surface Acre**

| Average Water Depth of Treatment Site (feet) | Desired Active Ingredient Concentration (ppb)*        |     |     |      |
|--|---|-----|-----|------|
|  | 50  | 100 | 200 | 500  |
|  | AX IMAZAMOX NC Rate per Treated Surface Acre (fl ozs) |     |     |      |
| 1  | 17  | 35  | 69  | 173  |
| 2  | 35  | 69  | 138 | 346  |
| 3  | 52  | 104 | 207 | 518  |
| 4  | 70  | 138 | 277 | 691  |
| 5  | 87  | 173 | 346 | 864  |
| 6  | 104   | 207 | 415 | 1037 |
| 7  | 122   | 242 | 484 | 1210 |
| 8  | 139   | 277 | 553 | 1382 |
| 9  | 157   | 311 | 622 | 1555 |
| 10   | 174   | 346 | 691 | 1728 |

\*AX IMAZAMOX NC contains 1.0 pound of active ingredient per gallon. There are 128 fl ozs in one gallon.

#### Aerial Application

AX IMAZAMOX NC may be applied by both fixed-wing aircraft and helicopter. There is no minimum spray volume when making applications directly to the water. For applications targeting emergent and/or floating vegetation, uniformly apply with properly calibrated equipment in 5 or more gallons of water per surface acre. For best results, make aerial applications using a minimum of 20 gallons per surface acre.

#### Drawdown Application

AX IMAZAMOX NC may be used in drawdown situations to provide postemergence and/or preemergence control/suppression of aquatic vegetation. Apply AX IMAZAMOX NC as a broadcast spray at rates up to 1 gallon (1 lb ae) per acre or as a spot spray treatment with up to 5% (0.05 lbs ae/gal; maximum 1 lb ae/surface acre) AX IMAZAMOX NC herbicide by volume. Make applications when water has receded and exposed soil is moist to dry. For postemergence (foliar) applications, wait at least two weeks after application before reintroducing water. When treating irrigation canals, the initial flush of recharge water after application must not be used for irrigation purposes.

#### Irrigation Restrictions

- **DO NOT** use treated water to irrigate greenhouses, nurseries, or hydroponics until the imazamox concentration has been determined by an acceptable method to be less than or equal to 1.0 ppb.
- **DO NOT** plant sugar beets, onions, potatoes or non-Clearfield® canola in soils that have been previously irrigated with AX IMAZAMOX NC treated water until a soil bioassay successfully demonstrates acceptable levels of crop safety.
- **DO NOT** use AX IMAZAMOX NC-treated waters resulting in a concentration greater than 50 ppb for irrigation until residue levels have been shown to be, less than or equal to 50 ppb by an acceptable method.
- **DO NOT** make applications of this product in and around golf course irrigation, sod farm irrigation, and vineyard irrigation waterbodies without testing potential irrigation water prior to irrigation and confirming the imazamox concentration to be less than or equal to 1.0 ppb.

- In still or quiescent waters, **DO NOT** use AX IMAZAMOX NC-treated water resulting in a concentration greater than 10 ppb for irrigation of newly seeded or newly established plants until residue levels have been shown to be less than or equal to 10 ppb by an acceptable method.
- Wait 24 hours before irrigating from still or quiescent waters after making an AX IMAZAMOX NC application for submerged vegetation less than 100 feet from an irrigation intake.
- Wait 24 hours before irrigating from still and quiescent waters after making an AX IMAZAMOX NC application to emergent and/or floating vegetation if greater than 25% of the surface area of the water body has been treated or application was made less than 100 feet from an irrigation intake.
- Flowing waters may be used to irrigate allowable sites with no restrictions when AX IMAZAMOX NC is applied at less than or equal to 2 quarts (0.5 lbs ae) per surface acre to waters with an average depth of greater than or equal to 4 feet.
- After application of AX IMAZAMOX NC to dry irrigation canals/ditches, the initial flush of water during recharge must not be used for irrigation purposes unless the imazamox concentration has been determined by an acceptable method to be less than 25 ppb.

AX IMAZAMOX NC applied at less than or equal to 2 quarts (0.5 lbs ae) per surface acre in or on waters with a minimum average depth greater than or equal to 4 feet will result in AX IMAZAMOX NC concentrations less than 25 ppb.

**Other Water Use Restrictions**

There are no restrictions on livestock watering, swimming, fishing, domestic use, or use of treated water for agricultural sprays.

**Potable Water**

AX IMAZAMOX NC may be applied to potable water sources at concentrations up to 500 ppb (173 fl ozs; 1.35 lbs ae) per surface acre to within a distance of 1/4 mile from an active potable water intake. Within 1/4 mile, of an active potable water intake, AX IMAZAMOX NC may be applied, but water concentrations resulting from injection and/or foliar applications may not exceed 50 ppb. If water concentrations greater than 50 ppb are required, the potable water intake must be shut and, if necessary, an alternate water supply be made available until the water concentration can be shown to be less than 50 ppb by an acceptable method.

**Endangered Plant Species**

To prevent potential negative impacts to endangered plant species, **DO NOT** apply AX IMAZAMOX NC in a way that adversely affects federally listed endangered and threatened species.

**Weeds Controlled or Suppressed by AX IMAZAMOX NC**

Efficacy and selectivity of AX IMAZAMOX NC is dependent upon many factors including: dose, time of year, stage of plant growth, plant susceptibility, method of application, and water movement. Rate selection will be partially dependent on characteristics of the treatment area and whether growth regulation or control is desired. Some areas may require a repeat application to control or suppress regrowth. Consult AXION AG PRODUCTS, LLC to determine best treatment protocols to manage individual species and to meet specific aquatic plant management objectives.

**Emergent, Floating, and Shoreline Species Controlled with Foliar Application**

| Common Name    | Scientific Name                    | Rate<br>fl ozs/surface A<br>(lbs ae/surface acre) | Comments   |
|----------------|------------------------------------|---|--|
| Alligatorweed  | <i>Alternanthera philoxeroides</i> | 64 to 128<br>(0.5-1)                              | Repeat applications may be necessary. Add an aquatic glyphosate herbicide for quicker brownout. See tank mix partner label for rates*. |
| American lotus | <i>Nelumbo lutea</i>               | 64 to 128<br>(0.5-1)                              |  |
| Arrowhead      | <i>Sagittaria spp.</i>             | 32 to 64  |  |

| Common Name                                       | Scientific Name   | Rate<br>fl ozs/surface A<br>(lbs ae/surface acre) | Comments  |
|---|---|---|---|
|   |   | (0.25-0.5)  |   |
| Cattail   | <i>Typha</i> spp.   | 32 to 64<br>(0.25-0.5)                            | Apply after full greenup through killing frost.   |
| Chinese tallowtree                                | <i>Sapium sebiferum</i>   | 64 to 128<br>(0.5-1)                              |   |
| Common reed                                       | <i>Phragmites</i> spp.  | 96 to 128<br>(0.75-1)                             | Use 1 qt/A methylated seed oil (MSO); apply in late vegetative stage up to killing frost. Also apply as a spot treatment using 1 % to 2% (0.01-0.02 lbs ae/gal; maximum 1 lb ae/surface acre) AX IMAZAMOX NC herbicide per spray volume. Older stands of phragmites and stands growing in water may be more difficult to control and will require follow-up applications. |
| Common salvinia                                   | <i>Salvinia minima</i>  | 32 to 64<br>(0.25-0.5)                            | Apply with MSO or MSO + silicone-based surfactant; retreatment will be necessary.   |
| Floating heart                                    | <i>Nymphoides</i> spp.  | 64 to 128<br>(0.5-1 lb)                           | Also apply as a spot treatment using 2% to 5% (0.02-0.05 lbs ae/gal; maximum 1 lb ae/surface acre) AX IMAZAMOX NC and 1% MSO per spray volume.  |
| Floating pennywort                                | <i>Hydrocotyle ranunculoides</i>  | 32 to 64<br>(0.25-0.5)                            | Repeat applications may be necessary.   |
| Flowering rush                                    | <i>Butomus umbellatus</i>   | 64 to 128<br>(0.5-1)                              |   |
| Four-leaf clover                                  | <i>Marsilea</i> spp.  | 32 to 64<br>(0.25-0.5)                            |   |
| Frog's bit  | <i>Lymnobium spongia</i>  | 16 to 32<br>(0.125-0.25)                          |   |
| Giant cane  | <i>Arundo donax</i>   | 64 to 128<br>(0.5-1 lb)                           |   |
| Japanese knotweed                                 | <i>Polygonum cuspidatum</i>   | 64 to 128<br>(0.5-1)                              |   |
| Mexican lily                                      | <i>Nymphaea mexicana</i>  | 32 to 64<br>(0.25-0.5)                            |   |
| Mosquito fern                                     | <i>Azoiia</i> spp.  | --  | Apply using 2% to 5% (0.02-0.05 lbs ae/gal; maximum 1 lb ae/surface acre) AX IMAZAMOX NC and 1 % MSO by volume.   |
| Parrotfeather                                     | <i>Myriophyllum aquaticum</i>   | 64 to 128<br>(0.5-1)                              | Apply only to emergent vegetation.  |
| Pickerelweed                                      | <i>Pontederia cordata</i>   | 32 to 64<br>(0.25-0.5)                            |   |
| Saltcedar   | <i>Tamarix</i> spp.   | 64 to 128<br>(0.5-1)                              | Also apply using 2% to 5% (0.02-0.05 lbs ae/gal; maximum 1 lb ae/surface acre) AX IMAZAMOX NC and 1 %. MSO per spray volume.  |
| Smartweed,<br>ladysthumb<br>Pennsylvania<br>swamp | <i>Polygonum persicaria</i><br><i>pensylvanicum</i><br><i>coccineum</i> | 64 to 128<br>(0.5-1)                              |   |

| Common Name           | Scientific Name                   | Rate<br>fl ozs/surface A<br>(lbs ae/surface acre) | Comments  |
|-----------------------|-----------------------------------|---|---|
| Spatterdock           | <i>Nuphar lutea</i>               | 64 to 128<br>(0.5-1)                              |   |
| Umbrella plant        | <i>Cyperus involucratus</i>       | 64<br>(0.5)                                       | Apply with MSO or COC. Also apply as a spot treatment using 5% (0.05 lbs ae/gal; maximum 1 lb ae/surface acre) AX IMAZAMOX NC per spray volume.   |
| Variable-leaf milfoil | <i>Myriophyllum heterophyllum</i> | 64 to 128<br>(0.5-1)                              | Apply with MSO (1 % v/v) as an emergent foliar treatment when plants have emerged on the surface. Also apply as a spot treatment using 1% to 3% (0.01-0.03 lbs ae/gal; maximum 1 lb ae/surface acre) AX IMAZAMOX NC per spray volume. |
| Water chestnut        | <i>Trapa natans</i>               | 64 to 128<br>(0.5-1)                              | Apply with MSO to emergent part of plant. Also apply as a spot treatment using 2% to 5% (0.02-0.05 lbs ae/gal; maximum 1 lb ae/surface acre) AX IMAZAMOX NC per spray volume.   |
| Water hyacinth        | <i>Eichhornia crassipes</i>       | 16 to 32<br>(0.125-0.25)                          |   |
| Water lettuce         | <i>Pistia stratiotes</i>          | 48 to 96<br>(0.375-0.75)                          |   |
| Water lily            | <i>Nymphaea</i> spp.              | 32 to 64<br>(0.25-0.5)                            |   |
| Water primrose        | <i>Ludwigia</i> spp.              | 32 to 64<br>(0.25-0.5)                            | Add an aquatic glyphosate herbicide for quicker brownout. See tank mix partner label for rates*.  |
| Watershield           | <i>Brasenia schreberi</i>         | 48 to 64<br>(0.375-0.5)                           |   |
| Wild taro             | <i>Colocasia esculenta</i>        | 96 to 128<br>(0.75-1)                             |   |

\*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.

#### Species Susceptible to Water-injected Applications

The following categories are provided to define species' that may be growth regulated or controlled with 50 to 500 ppb (17-173 fl oz; 0.133-1.35 lbs ae) per surface acre AX IMAZAMOX NC following in-water applications: susceptible, moderately susceptible, and less susceptible. The rates associated with each susceptibility category, including the Special Weed Control section, are provided as guidance with the overriding allowance that an application rate from 50 to 500 ppb (17-173 fl oz; 0.133-1.35 lbs ae) per surface acre may be used depending on the aquatic vegetation management objective and the characteristics of the aquatic vegetation and water body being treated.

Some species that are susceptible to foliar applications of AX IMAZAMOX NC may be less susceptible to in-water applications. Use of higher rates are necessary to achieve desired control/suppression in areas of greater water exchange; when treating more mature or less susceptible plants; when targeting more difficult-to-control aquatic species; and when treating small areas in larger bodies of water (partial or spot treatments). Lower concentrations are generally used when conducting early season large-scale treatments; when greater selectivity is desired; and treating larger areas, more immature or susceptible plants, and areas with less potential for rapid water exchange.

Use of lower rates may increase selectivity on some species within the same category. Effects on susceptible plants can range from control to growth regulation depending on treatment site characteristics, exposure time, and application rate. Susceptible plant species may exhibit herbicide stress or reduced growth during active treatment phases. Whole lake applications with lower rates may provide plant growth regulation or greater selectivity while higher rates will generally provide broader activity.

**Susceptible Vascular Aquatic Plants (50 to 200 ppb; 17-69 fl oz; 0.133-0.539 lbs ae/surface acre)**

| Common Name           | Scientific Name              |
|-----------------------|------------------------------|
| Curlyleaf pondweed    | <i>Potamogeton crispus</i>   |
| Eurasian watermilfoil | <i>Myriophyllum spicatum</i> |
| Hydrilla              | <i>Hydrilla verticillata</i> |
| Sago pondweed         | <i>Stuckenia pectinata</i>   |
| Water hyacinth        | <i>Eichhornia crassipes</i>  |
| Water stargrass       | <i>Heteranthera dubia</i>    |

**Moderately Susceptible Vascular Aquatic Plants (100 to 300 ppb; 35-103.8 fl oz; 0.273-0.811 lbs ae/surface acre)**

| Common Name           | Scientific Name                   |
|-----------------------|-----------------------------------|
| American pondweed     | <i>Potamogeton nodosus</i>        |
| Bladderwort           | <i>Utricularia spp.</i>           |
| Frog's bit            | <i>Lymnobium spongia</i>          |
| Illinois pondweed     | <i>Potamogeton illinoensis</i>    |
| Pickerelweed          | <i>Pontederia cordata</i>         |
| Salvinia              | <i>Salvinia spp.</i>              |
| Spikerush             | <i>Eleocharis baldwinii</i>       |
| Variable-leaf milfoil | <i>Myriophyllum heterophyllum</i> |
| Wigeon grass          | <i>Ruppia maritima</i>            |

**Less Susceptible Vascular Aquatic Plants (200 to 500 ppb; 69-173 fl oz; 0.539-1.35 lbs ae/surface acre)**

| Common Name        | Scientific Name                    |
|--------------------|------------------------------------|
| Bulrush            | <i>Schoenoplectus californicus</i> |
| Cattail            | <i>Typha spp.</i>                  |
| Coontail           | <i>Ceratophyllum demersum</i>      |
| Eelgrass, Japanese | <i>Zostera japonica</i>            |
| Egeria             | <i>Egeria densa</i>                |
| Flowering rush     | <i>Butomus umbellatus</i>          |
| Southern naiad     | <i>Najas guadalupensis</i>         |
| Spatterdock        | <i>Nuphar lutea</i>                |
| Water lily         | <i>Nymphaea odorata</i>            |
| Watershield        | <i>Brasenia schreberi</i>          |

**Special Weed Control**

Eurasian Watermilfoil. Apply AX IMAZAMOX NC at 100 to 200 ppb (35-69 fl oz; 0.273-0.539 lbs ae) per surface acre to actively growing plants early in the growing season. Applications made to mature Eurasian watermilfoil (vegetation topped out) may require multiple applications.

Hydrilla. Apply AX IMAZAMOX NC at 150 to 200 ppb (51.9-69 fl oz; 0.405-0.539 lbs ae) per surface acre to actively growing plants early in the growing season. Applications made prior to topped-out hydrilla may require repeat application. A single application of 50 to 75 ppb (17-25.95 fl oz; 0.133-0.203 lbs ae) per surface acre can be used to suppress and growth-regulate hydrilla for up to 10 to 12 weeks. If desired, an additional 50 to 75 ppb (17-25.95 fl oz; 0.133-0.203 lbs ae) per surface acre can be applied to extend the period of growth suppression when normal hydrilla growth resumes.

Japanese Eelgrass. Japanese eelgrass is a submerged aquatic plant which can be found in tidal and intertidal areas. AX IMAZAMOX NC herbicide may be applied directly to the water or directly to the plant (e.g. at low tide).

## TERRESTRIAL USE DIRECTIONS

### RESTRICTIONS:

- The maximum amount of this product that can be applied is 1 gallon (equivalent to 1 pound of active ingredient as the free acid) per acre per year.
- **DO NOT** exceed 1 gallon (128 fl oz; 1 lb ae\*) of product per acre per application.
- **DO NOT** exceed 2 applications of this product per year when using reduced application rates.
- The retreatment interval is 7 days.

\*ae = acid equivalent

AX IMAZAMOX NC may be applied with ground and aerial equipment including both fixed-wing aircraft and helicopter. Applications may be made using foliar broadcast spray, foliar spot spray, injection (hack and squirt), frill and girdle, cut stump, or basal methods.

### Broadcast Spray Application

**DO NOT** apply more than 1 gallon (1 lb ae) of AX IMAZAMOX NC per acre per year.

### Foliar Spot Application

Apply AX IMAZAMOX NC as a percent solution, containing up to 5% AX IMAZAMOX NC by volume and not to exceed 1 gallon (1 lb ae/A).

### Injection (Hack and Squirt), Frill and Girdle, and Cut Stump Application

Treatments may be made using up to 100% AX IMAZAMOX NC by volume.

### Basal Application

Treatments can be made using up to 25% AX IMAZAMOX NC by volume. Basal applications require the use of a good emulsion system to maintain AX IMAZAMOX NC in a stable emulsion with the penetrating agent being used. All foliar applications of AX IMAZAMOX NC require the use of a spray adjuvant. Refer to Spray Adjuvants section for additional information.

To the extent consistent with the applicable law, applicator is responsible for any loss or damage which results from spraying AX IMAZAMOX NC herbicide in a manner other than directed in this label. In addition, applicator must follow all applicable state and local regulations and ordinances in regard to spraying.

AX IMAZAMOX NC may be used for the control of the following plant species. AX IMAZAMOX NC may be effective for the control or suppression of additional plant species not listed below. The use of AX IMAZAMOX NC for the control or suppression of undesirable plants not listed below may be done at the discretion of the user.

To the extent consistent with applicable law, the user assumes responsibility for any lack of control or suppression associated with application to weeds not listed on this label.



**Weeds Controlled**

| <b>Common Name</b>                              | <b>Scientific Name</b>                                | <b>Rate Foliar<br/>fl ozs/A<br/>(lbs ae/A)</b>               | <b>Comments</b>  |
|---|---|--|--|
| Alligator weed                                  | <i>Alternanthera philoxeroides</i>                    | 64 to 128<br>(0.5-1)   | Add an aquatic glyphosate herbicide for quicker brownout. See tank mix partner label for rates.**    |
| Annual ryegrass                                 | <i>Lolium multiflorum</i>                             | 16 to 32<br>(0.125-0.25)                                     |  |
| Artichoke,<br>Jerusalem                         | <i>Helianthus tuberosus</i>                           | 64 to 128<br>(0.5-1)   |  |
| Bedstraw  | <i>Galium aparine</i>                                 | 64 to 128<br>(0.5-1)   |  |
| Beet, wild                                      | <i>Beta procumbens</i>                                | 64 to 128<br>(0.5-1)   |  |
| Brazilian<br>pepper[***]<br>Christmasberry[***] | <i>Schinus terebinthifolius</i>                       | 96 to 128<br>(0.75-1)  | Also apply using 2% to 5% (0.02-0.05 lbs ae/gal; maximum 1 lb ae/A) AX IMAZAMOX NC per spray volume. |
| Buckwheat, wild                                 | <i>Polygonum convolvulus</i>                          | 64 to 128<br>(0.5-1)   |  |
| Buttercup                                       | <i>Ranunculus</i> spp.                                | 64 to 128<br>(0.5-1)   |  |
| California<br>bulrush[***]                      | <i>Schoenoplectus californicus</i>                    | 2% to 5% v/v<br>(0.02-0.05 lbs ae/gal;<br>maximum 1 lb ae/A) |  |
| Camphor tree[***]                               | <i>Cinnamomum camphora</i>                            | 64 to 128<br>(0.5-1)   |  |
| Canola, volunteer<br>(non-Clearfield®)          | <i>Brassica campestris</i><br><i>Brassica napus</i>   | 32 to 64<br>(0.25-0.5)                                       |  |
| Cattail   | <i>Typha</i> spp.                                     | 64 to 128<br>(0.5-1)   |  |
| Chickweed,<br>common                            | <i>Stellaria media</i>                                | 64 to 128<br>(0.5-1)   |  |
| Chinese tallowtree<br>Popcorn tree              | <i>Sapium sebiferum</i>                               | 64 to 128<br>(0.5-1)   | See Special Weed Control section.  |
| Cocklebur, common                               | <i>Xanthium strumarium</i>                            | 64 to 128<br>(0.5-1)   |  |
| Filaree,<br>redstem<br>whitestem                | <i>Erodium cicutarium</i><br><i>Erodium moschatum</i> | 64 to 128<br>(0.5-1)   |  |
| Flixweed  | <i>Descurainia sophia</i>                             | 64 to 128<br>(0.5-1)   |  |
| Frog's bit, Sponge<br>plant                     | <i>Lymnobia</i> spp.                                  | 16 to 32<br>(0.125-0.25)                                     |  |
| Giant ragweed*                                  | <i>Ambrosia trifida</i>                               | 32 to 64<br>(0.25-0.5)                                       |  |
| Henbit  | <i>Lamium amplexicaule</i>                            | 64 to 128<br>(0.5-1)   |  |
| Jamaican<br>nightshade[***]                     | <i>Solanum jamaicense</i>                             | 2% to 5% v/v<br>(0.02-0.05 lbs ae/gal;<br>maximum 1 lb ae/A) |  |

| Common Name                                    | Scientific Name  | Rate Foliar<br>fl ozs/A<br>(lbs ae/A)              | Comments   |
|--|--|--|--|
| Japanese stiltgrass                            | <i>Microstegium vimineum</i>   | 32 to 64<br>(0.25-0.5)                             | Use MSO at 1 % by spray volume. AX IMAZAMOX NC will provide some residual control of subsequent seedling emergence.  |
| Jimsonweed                                     | <i>Datura stramonium</i>   | 64 to 128<br>(0.5-1)                               |  |
| Johnsongrass,<br>rhizome<br>seedling           | <i>Sorghum halepense</i>   | 32 to 64<br>(0.25-0.5)<br>16 to 32<br>(0.125-0.25) |  |
| Knotweed,<br>prostrate                         | <i>Polygonum aviculare</i>   | 64 to 128<br>(0.5-1)                               |  |
| Kochia   | <i>Kochia scoparia</i>   | 64 to 128<br>(0.5-1)                               |  |
| Lambsquarters,<br>common                       | <i>Chenopodium album</i>   | 64 to 128<br>(0.5-1)                               |  |
| Lettuce, miner's                               | <i>Montia perfoliata</i>   | 64 to 128<br>(0.5-1)                               |  |
| Mallow,<br>common<br>Venice                    | <i>Malva neglecta</i><br><i>Hibiscus trionum</i>                     | 64 to 128<br>(0.5-1)                               |  |
| Mustard spp.                                   | <i>Brassica</i> spp.   | 64 to 128<br>(0.5-1)                               |  |
| Nettle, burning                                | <i>Urtica urens</i>  | 64 to 128<br>(0.5-1)                               |  |
| Nettleleaf<br>goosefoot                        | <i>Chenopodium murale</i>  | 64 to 128<br>(0.5-1)                               |  |
| Nightshade,<br>black<br>Eastern black<br>hairy | <i>Solanum nigrum</i><br><i>ptycanthum</i><br><i>sarrachoides</i>    | 64 to 128<br>(0.5-1)                               |  |
| Old World climbing<br>fern[***]                | <i>Lygodium microphyllum</i>   | --   |  |
| Pennycress, field                              | <i>Thlaspi arvense</i>   | 64 to 128<br>(0.5-1)                               |  |
| Phragmites[***]                                | <i>Phragmites australis</i>  | 64 to 128<br>(0.5-1)                               | Use 1 qt/A methylated seed oil (MSO); apply in late vegetative stage up to killing frost. Also apply as a spot treatment using 1 % to 2% (0.01-0.02 lbs ae/gal; maximum 1 lb ae/A) AX IMAZAMOX NC herbicide per spray volume. Older stands of phragmites and stands growing in water may be more difficult to control and will require follow-up applications. |
| Pigweed,<br>prostrate<br>redroot<br>smooth     | <i>Amaranthus blitoides</i><br><i>retroflexus</i><br><i>hybridus</i> | 64 to 128<br>(0.5-1)                               |  |

| Common Name                                       | Scientific Name   | Rate Foliar<br>fl ozs/A<br>(lbs ae/A)                                   | Comments  |
|---|---|---|---|
| spiny   | <i>spinosus</i>   |   |   |
| Puncturevine                                      | <i>Tribulus terrestris</i>                                      | 64 to 128<br>(0.5-1)  |   |
| Purple<br>loosestrife[***]                        | <i>Lythrum salicaria</i>  | --  |   |
| Purslane, common                                  | <i>Portulaca oleracea</i>                                       | 64 to 128<br>(0.5-1)  |   |
| Radish, wild                                      | <i>Raphanus<br/>raphanistrum</i>                                | 64 to 128<br>(0.5-1)  |   |
| Ragweed,<br>common<br>giant                       | <i>Ambrosia<br/>artemisiifolia<br/>trifida</i>                  | 64 to 128<br>(0.5-1)  |   |
| Rocket,<br>London<br>yellow                       | <i>Sisymbrium irio<br/>Barbarea<br/>vulgaris</i>                | 64 to 128<br>(0.5-1)  |   |
| Saltcedar[***]                                    | <i>Tamarix</i> spp.   | 64 to 128<br>(0.5-1)  | Also apply using 2% to 5% (0.02-0.05 lbs<br>ae/gal; maximum 1 lb ae/A) AX IMAZAMOX<br>NC and 1% MSO per spray volume. |
| Sedge[***],<br>purple<br>yellow                   | <i>Cyperus<br/>rotundus<br/>esculentus</i>                      | --  | Also apply using 2% to 5% (0.02-0.05 lbs<br>ae/gal; maximum 1 lb ae/A) AX IMAZAMOX<br>NC per spray volume.            |
| Shepherd's-purse                                  | <i>Capsella bursa-<br/>pastoris</i>                             | 64 to 128<br>(0.5-1)  |   |
| Smartweed,<br>ladysthumb<br>Pennsylvania<br>swamp | <i>Polygonum<br/>persicaria<br/>pensylvanicum<br/>coccineum</i> | 64 to 128<br>(0.5-1)  |   |
| Spike rush[***]                                   | <i>Eleocharis</i> spp.  | 64 to 128<br>(0.5-1)  |   |
| Spurge, prostrate                                 | <i>Euphorbia<br/>maculata</i>                                   | 64 to 128<br>(0.5-1)  |   |
| Sunflower, common                                 | <i>Helianthus annuus</i>  | 64 to 128<br>(0.5-1)  |   |
| Swinecress  | <i>Coronopus didymus</i>  | 64 to 128<br>(0.5-1)  |   |
| Tansymustard,<br>green                            | <i>Descurainia pinnata</i>                                      | 64 to 128<br>(0.5-1)  |   |
| Taro  | <i>Taro</i> spp.  | 64 to 128<br>(0.5-1)<br>5% v/v<br>(0.05 lbs ae/A;<br>maximum 1 lb ae/A) |   |
| Thistle, Russian                                  | <i>Salsola iberica</i>  | 64 to 128<br>(0.5-1)  |   |
| Tropical soda-applet                              | <i>Solanum viarum</i>   | 2% to-5%-v/v<br>(0.02-0.05 lbs ae/gal;<br>maximum 1 lb ae/A)            |   |

| Common Name                       | Scientific Name               | Rate Foliar<br>fl ozs/A<br>(lbs ae/A)                 | Comments   |
|-----------------------------------|-------------------------------|---|--|
| Umbrella plant                    | <i>Cyperus involucratus</i>   | 64<br>(0.5-1)   | Apply with MSO or COC. Also apply as a spot treatment using 5% (0.05 lbs ae/gal; maximum 1 lb ae/A) AX IMAZAMOX NC herbicide per spray volume. |
| Water primrose                    | <i>Ludwigia</i> spp.          | 32 to 64<br>(0.25-0.5)                                | Add an aquatic glyphosate herbicide for quicker brownout. See tank mix partner label for rates.**  |
| Wetland nightshade[***]           | <i>Solanum tampicense</i>     | 2% to 5% v/v(0.02-0.05 lbs ae/gal; maximum 1 lb ae/A) |  |
| Whitetop[***]<br>Hoary cress[***] | <i>Cardaria draba</i>         | 8 to 16<br>(0.063-0.125)                              |  |
| Willoweed panicle                 | <i>Epilobium brachycarpum</i> | 64 to 128<br>(0.5-1)                                  |  |
| Velvetleaf                        | <i>Abutilon theophrasti</i>   | 64 to 128<br>(0.5-1)                                  |  |

\* Suppression of larger, well-established plants

\*\* It is the pesticide user's responsibility to ensure that all products are registered for the intended use.

[\*\*\* Use not permitted in California.]

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.

In general, the use of methylated seed oil (MSO) at 1 % v/v will provide the best control with foliar applications.

#### Special Weed Control - Chinese Tallowtree

AX IMAZAMOX NC at 64 to 128 fl ozs (0.5-1 lb ae) per acre or 0.5 to 2.0% v/v (0.005-0.02 lbs ae/gal; maximum 1 lb ae/A) may be applied as a foliar application for selective control of Chinese tallowtree in and around non-sensitive tree species. Control Chinese tallowtree with foliar applications using aerial, handgun, or backpack application methods. When treating Chinese tallowtree, ensure that application method and spray volume provide adequate coverage of targeted Chinese tallowtree plants. Add methylated seed oil at 32 fl ozs (0.25 lb ae) per acre for broadcast applications, or at 1% v/v (0.01 lbs ae/gal; maximum 1 lb ae/A) for spot backpack and handgun applications. Non-sensitive hardwood species may exhibit varying degrees of leaf discoloration and temporary injury.

#### Areas that may be Grazed or Cut for Hay

Apply AX IMAZAMOX NC to listed aquatic and terrestrial noncrop sites that may be grazed or cut for hay at a maximum use rate of 1 gallon (1 lb ae) per acre of AX IMAZAMOX NC or 5% (v/v) (0.05 lbs ae/gal; maximum 1 lb ae/A) spray solution for spot treatments. There are no grazing or haying restrictions.

#### 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. DO NOT** reuse or refill this container. Triple rinse or pressure rinse container (or

equivalent) promptly after emptying; then offer for recycling, if available, or reconditioning, if appropriate, or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures approved by state and local authorities.

**Triple rinse containers small enough to shake (capacity ≤ 5 gallons) 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.

**Triple rinse containers too large to shake (capacity > 5 gallons) 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.

**Pressure rinse as follows:** Empty the remaining contents into application equipment or 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. Triple rinsing the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. Triple rinse as follows: 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% 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. When this container is empty, replace the cap and seal all openings that have been opened during use; return the container to the point of purchase or to a designated location. This container must only be refilled, with a pesticide product. Prior to refilling, inspect carefully for damage such as cracks, punctures, abrasions; worn-out threads and closure devices. Check for leaks after refilling and before transport. **DO NOT** transport if this container is damaged or leaking. If the container is damaged, or leaking, or obsolete and not returned to the point of purchase or to a designated location, triple rinse emptied container and offer for recycling, if available, or dispose of container in compliance with state and local regulations.

**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.

To the extent consistent with applicable law, neither AXION AG PRODUCTS, LLC nor Seller shall be liable for any incidental, consequential or special damages resulting from the use or handling of this product. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF AXION AG PRODUCTS, LLC AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE)

RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF AXION AG PRODUCTS, LLC OR SELLER, THE REPLACEMENT OF THE PRODUCT.  
AXION AG PRODUCTS, LLC and Seller offer this product, and Buyer and User accept it, subject to the foregoing conditions of Sale and Limitation of Warranty and Liability which may not be modified except by written agreement signed by a duly authorized representative of AXION AG PRODUCTS, LLC.

All trademarks are the property of their respective owners.

# {LANGUAGE ON LABEL AFFIXED TO CONTAINER}

|          |       |          |           |
|----------|-------|----------|-----------|
| IMAZAMOX | GROUP | <b>2</b> | HERBICIDE |
|----------|-------|----------|-----------|

## AX IMAZAMOX NC

|   |  |                |
|---|--|----------------|
| <b>ACTIVE INGREDIENT:</b>   |  | <b>% BY WT</b> |
| Ammonium salt of imazamox: 2-[4,5-dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1H-imidazol-2-yl]-5-(methoxymethyl)-3-pyridinecarboxylic acid* |  | 21.1%          |
| <b>OTHER INGREDIENTS:</b>   |  | 87.9%          |
| <b>TOTAL:</b>   |  | 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  
1 gallon contains 1.0 pound of active ingredient as the free acid.

## KEEP OUT OF REACH OF CHILDREN CAUTION/PRECAUCION

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.  
(If you do not understand the label, find someone to explain it to you in detail.)

| FIRST AID   |  |
|---|--|
| <b>IF ON SKIN OR CLOTHING:</b>  | <ul style="list-style-type: none"> <li>Take off contaminated clothing.</li> <li>Rinse skin immediately with plenty of water for 15 to 20 minutes.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>   |
| <b>IF IN EYES:</b>  | <ul style="list-style-type: none"> <li>Hold eyes open and rinse slowly and gently with water for 15 to 20 minutes.</li> <li>Remove contact lenses, if present, after first 5 minutes; then continue rinsing eyes.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul> |
| <b>IF INHALED:</b>  | <ul style="list-style-type: none"> <li>Move person to fresh air.</li> <li>If person is not breathing, call 911 or an ambulance; then give artificial respiration, preferably mouth to mouth if possible.</li> <li>Call a poison control center or doctor for further treatment advice.</li> </ul>  |
| 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 <b>1-800-858-7378</b> or your poison control center at <b>1-800-222-1222</b> .<br>For Chemical Spill, Leak, Fire or Exposure, call CHEMTREC <b>800-424-9300</b> . |  |

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

See inside label booklet for additional Precautionary Statements and Directions for Use.

### 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.

**ENVIRONMENTAL HAZARDS:** This pesticide may be hazardous to plants outside the treated area. **DO NOT** apply to water except as specified in this label. **DO NOT** contaminate water when disposing of equipment washwaters and rinsate.

| STORAGE AND DISPOSAL  |
|---|
| <b>DO NOT</b> contaminate water, food or feed by storage or disposal.   |
| <b>PESTICIDE STORAGE:</b> KEEP FROM FREEZING. <b>DO NOT</b> store below 32° F.  |
| <b>PESTICIDE DISPOSAL:</b> Wastes resulting from the use of this product must be disposed of on-site or at an approved waste disposal facility.   |
| <b>CONTAINER HANDLING:</b>  |
| <b>Nonrefillable Container. DO NOT</b> reuse or refill this container. Triple rinse or pressure rinse container (or equivalent) promptly after emptying; then offer for recycling, if available, or reconditioning, if appropriate, or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures approved by state and local authorities.  |
| <b>Triple rinse containers small enough to shake (capacity ≤ 5 gallons) as follows:</b><br>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. |
| <b>Triple rinse containers too large to shake (capacity &gt; 5 gallons) as follows:</b>   |



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.

**Pressure rinse as follows:** Empty the remaining contents into application equipment or 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. Triple rinsing the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. Triple rinse as follows: 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% 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. When this container is empty, replace the cap and seal all openings that have been opened during use; return the container to the point of purchase or to a designated location. This container must only be refilled, with a pesticide product. Prior to refilling, inspect carefully for damage such as cracks, punctures, abrasions; worn-out threads and closure devices. Check for leaks after refilling and before transport. **DO NOT** transport if this container is damaged or leaking. If the container is damaged, or leaking, or obsolete and not returned to the point of purchase or to a designated location, triple rinse emptied container and offer for recycling, if available, or dispose of container in compliance with state and local regulations.

**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.

**EPA Reg. No.:** 89167-TA

**EPA Est. No.:** \_\_\_\_\_

**NET CONTENTS:** \_\_\_ Gal. ( \_\_\_ L)

**Manufactured for:**

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