

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

December 21, 2022

Lisa Mathias Registration Specialist Winfield Solutions, LLC P.O. Box 64589 St. Paul, MN 55164-0589

Subject: Registration Review Label Amendments Incorporating Mitigation Measures from

the Interim Decision for Bromoxynil and the National Marine Fisheries Services' (NMFS) Biological Opinion on the Effects of Bromoxynil on Pacific Salmonids

Product Name: MOXY 2E

EPA Registration Number: 9779-346 Application Date: 9/9/2021 and 11/29/2022

Decision Number: 578375 and 588919

Dear Lisa Mathias:

The Agency, in accordance with the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, has completed reviewing all the information submitted with your application to support the Registration Review of the above referenced product in connection with the Bromoxynil Interim Decision. The Agency has concluded that your submission is acceptable.

This letter also addresses the label mitigation resulting from the NMFS' Biological Opinion on the effects of Bromoxynil on Pacific salmonids. The Agency has concluded that your submission is also acceptable. The label referred to above, submitted in connection with registration under FIFRA, as amended, is acceptable.

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.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling

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before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 12 months from the date of this letter. After 12 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

If you have any questions about this letter, please contact Quinn Gavin at gavin.quinn@epa.gov.

Sincerely,

Linda Arrington, Branch Chief

Risk Management and Implementation Branch 4 Pesticide Re-Evaluation Division

Office of Pesticide Programs

Enclosure



Dec 21, 2022

Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under

EPA Reg. No. 9779-346

BROMOXYNIL GROUP 6 HERBICIDE

MOXY® 2E

HERBICIDE FOR THE CONTROL OF CERTAIN BROADLEAF WEEDS IN CORN (FIELD AND POP), SORGHUM (GRAIN AND FORAGE), WHEAT, BARLEY, OATS, RYE AND TRITICALE, SEEDLING ALFALFA, FLAX, GARLIC, MINT, ONIONS (DRY BULB), GRASSES GROWN FOR SEED AND SOD PRODUCTION, CONSERVATION RESERVE PROGRAM (CRP) AREAS, NON-RESIDENTIAL TURFGRASS, AND NON-CROPLAND/INDUSTRIAL SITES.

ACTIVE INGREDIENT:	
Octanoic acid ester of bromoxynil* (3,5-dibromo-4-hydroxybenzonitrile)	33.4%
OTHER INGREDIENTS:	66.6%
TOTAL	100.0%

Contains xylene range/petroleum distillates.

WARNING/AVISO

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

	FIRST AID
If swallowed	Immediately call a poison control center or doctor.
	Do not induce vomiting unless told to do so by a poison control center or doctor.
	Do not give any liquid to the person.
	Do not give anything by mouth to an unconscious person.
lf on skin or	Take off contaminated clothing.
clothing	Rinse skin immediately with plenty of water for 15-20 minutes.
	Call a poison control center or doctor for treatment advice.
If in eyes	Hold eye open and rinse slowly and gently with water for 15-20 minutes.
	Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
	Call a poison control center or doctor for treatment advice.
If inhaled	Move person to fresh air.
	• If person is not breathing, call 911 or an ambulance; then give artificial respiration, preferably mouth-
	to-mouth, if possible.
	Call a poison control center or doctor for treatment advice.
additional inform	ct container or label with you when calling a poison control center or doctor, or going for treatment. For mation in case of emergency call toll free 1-877-424-7452. NOTE TO PHYSICIAN : Contains petroleum
distillate. Vomi	ting may cause aspiration pneumonia.

See booklet for additional PRECAUTIONARY STATEMENTS, COMPLETE DIRECTIONS FOR USE, WARRANTY DISCLAIMER AND LIMITATION OF LIABILITY.

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Distributed By Winfield Solutions, LLC P.O. Box 64589, St. Paul, MN 55164-0589

^{*} Bromoxynil octanoate equivalent to 22.9% of bromoxynil or not less than 2.0 pounds of bromoxynil per gallon.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING. Harmful if swallowed, absorbed through skin, or inhaled. Avoid contact with skin, eyes, or clothing. Avoid breathing spray mist.

Personal Protective Equipment (PPE)

Applicators and other handlers must wear:

- · Long-sleeved shirt and long pants
- Shoes plus socks
- Chemical resistant gloves made of barrier laminate or viton ≥ 14 mils, for cleaning equipment and mixing/loading
- Chemical-resistant apron when cleaning equipment and mixing/loading

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

Engineering Controls

Handlers must use closed mixing loading systems during mixing/loading liquids for aerial applications to fallow land and high-acreage field crops (alfalfa, barley, corn, flax, grasses grown for seed, forage crops, sorghum, wheat).

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

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

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

APPLICATION BY CHEMIGATION must be done by fixed pipe, overhead sprinkler systems or hand moved pipe. If hand moved pipe is used for chemigation, the pipe must not be handled in any way until 24 hours after chemigation has been completed and residues have been flushed from the system. When applying by chemigation, no person may enter the application site unless in an enclosed vehicle.

DURING AERIAL APPLICATION, human flaggers are prohibited unless in enclosed vehicles.

USER SAFETY RECOMMENDATIONS

Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove clothing immediately if pesticide gets inside. 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 is toxic to wildlife and fish. Use with care when applying to areas frequented by wildlife or adjacent to any body of water. For terrestrial uses, do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not apply when weather conditions favor drift from target areas. Do not contaminate water when disposing of equipment washwaters.

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

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

PHYSICAL AND CHEMICAL HAZARDS

Do not use or store near heat or open flame.

DIRECTIONS FOR USE

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

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

Endangered Species Protection Requirements

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

AGRICULTURAL USE REQUIREMENTS

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

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

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is: coveralls over long-sleeved shirt and long pants, chemical resistant gloves made of barrier laminate or viton ≥ 14 mils, shoes plus socks, chemical-resistant headgear for overhead exposure, and protective eyewear.

NON-AGRICULTURAL USE REQUIREMENTS

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

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

WEED RESISTANCE MANAGEMENT

Moxy 2E contains a Group 6 herbicide (Bromoxynil). Any weed population may contain plants naturally resistant to Group 6 herbicides. The resistant biotypes may dominate the weed population if these herbicides are used repeatedly in the same field. Appropriate resistance-management strategies should be followed.

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

- Rotate the use of this product or other Group 6 herbicides, within a growing season sequence or among growing seasons, with different herbicide groups that control the same weeds in a field.
- Use tank mixtures with herbicides from a different group if such use is permitted; where information on resistance in target weed species is available use the less resistance-prone partner at a rate that will control the target weed(s)

equally as well as the more resistance-prone partner. Consult your local extension service or certified crop advisor if you are unsure as to which active ingredient is currently less prone to resistance.

- Adopt an integrated weed-management program for herbicide use that includes scouting and uses historical
 information related to herbicide use and crop rotation, and that considers tillage (or other mechanical control methods),
 cultural (e.g., higher crop seeding rates; precision fertilizer application method and timing to favor the crop and not the
 weeds), biological (weed-competitive crops or varieties) and other management practices.
- Scout fields prior to application to identify the weed species present and their growth stage to determine if the intended application will be effective.
- Scout fields after herbicide application to monitor weed populations for early signs of resistance development. Indicators of possible herbicide resistance include:
 - Failure to control a weed species normally controlled by the herbicide at the dose applied, especially if control
 is achieved on adjacent weeds.
 - A spreading patch of non-controlled plants of a particular weed species.
 - Surviving plants mixed with controlled individuals of the same species.

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

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

GENERAL PRODUCT INFORMATION

MOXY 2E is formulated as an emulsifiable concentrate of octanoic acid ester of bromoxynil containing the equivalent of 2 pounds of bromoxynil per gallon.

MOXY 2E is a selective postemergence herbicide for control of important broadleaf weeds infesting field corn, popcorn, sorghum, wheat, barley, oats, rye, triticale, seedling alfalfa, flax, onions (dry bulb), garlic, mint, and grasses grown for seed or sod production, non-residential turfgrass, and non-cropland, and industrial sites. Optimum weed control is obtained when MOXY 2E is applied to actively growing weed seedlings. MOXY 2E is primarily a contact herbicide; therefore, thorough coverage of the weed seedlings is essential for optimum control. MOXY 2E has little residual activity; therefore, subsequent flushes of weeds will not be controlled by the initial treatment. Generally, crops that form a good canopy will help shade subsequent weed flushes. However, certain crops or short-straw varieties, for example Yaccora Rojo wheat, may not develop the crop canopy fast enough to shade the subsequent flushes of weeds. Occasional transitory leaf burn may occur. The temporary leaf burn is similar to that seen with liquid fertilizer. Because the activity of MOXY 2E is not systemic, recovery of the crop is generally rapid with no lasting effect. Frequency and amount of leaf burn may be greater when crops are stressed by abrasive winds, cool to cold evening temperatures or mechanical injury, such as that caused by hail, sleet or insect feeding. To reduce the potential for temporary leaf burn, applications should be made to dry foliage in the recommended spray volumes per acre when weather conditions are not extreme.

General Use Restrictions:

- Do not apply this product to golf course turf.
- · Apply to non-residential turf only. Do not apply to residential, playground, or schoolyard turf.
- Do not apply with backpack or hand-held application equipment.
- Handlers must use closed mixing loading systems during mixing/loading liquids for aerial applications to fallow land and high-acreage field crops (alfalfa, barley, corn, flax, grasses grown for seed, forage crops, sorghum, wheat).
- Aerial application to fallow land is restricted within 25 feet of residential areas (e.g., homes, schools, playgrounds, shopping areas, hospitals, etc.).

See the SPECIFIC CROP INSTRUCTIONS section of the label for addition crop/use site restrictions and precautions.

See the SPRAY DRIFT MANAGEMENT section of the label for spray drift mitigation requirements and spray drift advisories.

MIXING INSTRUCTIONS

See the Engineering Controls section of the label for loading and handling requirements.

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

TANK MIXTURES: MOXY 2E can be applied in tank mixture with many other herbicides and insecticides registered for use on approved crops. Refer to the specific crop section for rate instructions and other restrictions. To apply MOXY 2E in mixture with another product, fill the spray tank 1/2 to 3/4 full with clean water and begin agitation. If tank mixing with wettable powder, soluble powder, flowable or dry flowable products, add the powder or flowable product first. After the other herbicide is thoroughly mixed with water, add the specified amount of MOXY 2E and add water to the spray tank to the desired level. If tank mixing with other product types, add the MOXY 2E first before adding the other product or compatibility problems may occur. Never mix two products together without first mixing in water.

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

COMPATIBILITY OF INSECTICIDES WITH MOXY 2E

The following foliar insecticides are compatible with MOXY 2E as tank mixtures.

INSECTICIDE COMMON NAME	TRADE NAME	FORMULATION
Diazinon	Various	Emulsifiable Concentrate
Dimethoate	Various	Emulsifiable Concentrate
Trichlorfon	Dylox®	Soluble Powder
Carbofuran	Furadan®	Flowable
Malathion	Various	Emulsifiable Concentrate
Oxydemeton-methyl	Metasystox®-R	Sprayable Concentrate
Permethrin	Pounce®	Emulsifiable Concentrate
Fenvalerate	Pydrin [®]	Emulsifiable Concentrate
Carbaryl	Sevin®	Sprayable wettable powder or Flowable
Demeton	Systox [®]	Emulsifiable Concentrate

If tank mixing with products other than listed above or within each crop section, a compatibility test is recommended to ensure satisfactory spray preparation. To test for compatibility, use a small container and mix a small amount (0.5 to 1 quart) of spray, combining all ingredients in the same ratio as the anticipated use. If any indications of physical incompatibility develop, do not use this mixture for spraying. Indications of incompatibility usually will appear within 5 to 15 minutes after mixing. To ensure maximum crop safety and weed control, follow all cautions and limitations on this label and the labels of products used in the tank mixture with MOXY 2E.

SPRAYABLE LIQUID FERTILIZERS AND SPRAY ADDITIVES

MOXY 2E can be applied in combination with sprayable liquid fertilizer or spray additives such as surfactants or crop oil concentrate.

When tank mixing with liquid fertilizer always add the fertilizer to the spray tank first and agitate thoroughly before adding MOXY 2E. Always predetermine the compatibility with liquid fertilizer by mixing small proportional quantities in advance. Agitation must be maintained during filling and application operations to ensure that MOXY 2E is evenly mixed with the fertilizer. Leaf burn may occur when MOXY 2E is applied with liquid fertilizer, but new leaves are not adversely affected.

PRECAUTION: Fertilizers and spray additives can increase foliage leaf burn when applied with MOXY 2E. Do not apply fertilizers or spray additives with MOXY 2E if leaf burn is a major concern due to environmental conditions, crop or variety sensitivity to MOXY 2E. Do not apply MOXY 2E in combination with fertilizer or spray additive if restricted under the individual crop use directions.

APPLICATION PROCEDURES

MOXY 2E can be applied to registered use areas by ground, aerial and sprinkler irrigation equipment. The following provides methods of application for each crop.

	TYPE OF APPLICATION EQUIPMENT				
CROP	GROUND	AERIAL	SPRINKLER IRRIGATION		
Corn (field and pop)	Х	Х	Х		
Sorghum (grain and forage)	Х	Х	х		
Wheat, barley, oats, rye, and triticale	Х	Х	Х		
Seedling alfalfa	Х	Х	х		
Flax	Х	Х	-		
Garlic	Х	Х	Х		
Mint	Х	-	х		
Onions (dry bulb)	Х	X*	×		
Grass grown for seed or sod production	Х	Х	Х		
Conservation Reserve Program (CRP) areas	Х	Х	Х		
Non-residential turfgrass	Х	Х	-		
Non-cropland/Industrial sites	Х	Х	-		

⁽X) indicates application use

GROUND APPLICATION

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

Select a spray volume and delivery system that will ensure thorough and uniform spray coverage. Raindrop® nozzles are not recommended as weed control with MOXY 2E may be reduced. In general, a minimum spray volume of 10 gallons per acre (GPA) is recommended for optimum spray coverage. A minimum of 5 GPA with a minimum spray pressure of 50 psi may be used with higher speed, low volume ground application if ground terrain, crop and weed density allow effective spray distribution. When using higher speed equipment, a maximum speed of 10 mph is suggested if field conditions cause excessive boom movement during application and subsequent poor spray coverage.

Ground applications made when dry, dusty field conditions exist may provide reduced weed control in wheel track areas.

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

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

AERIAL APPLICATION

In general, a minimum spray volume of 5 GPA is recommended. A minimum spray volume of 3 GPA may be used if crop canopy and weed density allow adequate spray coverage at that gallonage.

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

^{*} Preemergence only.

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

SPRINKLER IRRIGATION APPLICATION

MOXY 2E can be applied through sprinkler irrigation systems to wheat, barley, oats, rye, triticale, field corn, popcorn, and grain sorghum, onions (dry bulb), garlic, mint, grasses grown for seed or sod, and seedling alfalfa.

Apply MOXY 2E through sprinkler including center pivot, lateral move, side (wheel) roll, solid set or hand move irrigation systems only. If hand moved pipe is used for chemigation, the pipe must not be handled in any way until 24 hours after chemigation has been completed and residues have been flushed from the system. When applying by chemigation, no person may enter the application site unless in an enclosed vehicle. Do not apply this product through any other type of irrigation system.

Specific Requirements for Application through Automated Sprinkler Irrigation System.

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

CHEMIGATION USER PRECAUTIONS

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

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

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

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

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

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

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

CULTIVATION

When properly utilized, timely cultivations of row crops may aid overall weed control efforts as well as crop growth. However, cultivation BEFORE or DURING MOXY 2E applications may place target weeds under stress, resulting in erratic weed control.

Whenever MOXY 2E is being utilized in an overall weed control program, plan to postpone any anticipated cultivations until 5-7 days after application to ensure best performance.

SPRAY DRIFT MANAGEMENT

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

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

SPRAY DRIFT REQUIREMENTS

Aerial Applications:

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

Ground Boom Applications:

- User must only apply with the release height recommended by the manufacturer, but no more than 4 feet above the ground or crop canopy.
- Do not apply when wind speeds exceed 10 miles per hour at the application site.
- Do not apply during temperature inversions.

SPRAY DRIFT ADVISORIES

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

Importance of Droplet Size

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

Controlling Droplet Size – Ground Boom

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

Controlling Droplet Size – Aircraft

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

Boom Height - Ground Boom

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

Release Height - Aircraft

Higher release heights increase the potential for spray drift.

Shielded Sprayers

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

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.

Wind

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

Sensitive Areas

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

GENERAL WEED LIST

Postemergence application of MOXY 2E will control the following weeds when sprayed in the seedling stage. Maximum weed stage of growth is listed under uses for each crop.

MOST SUSCEPTIBLE BROADLEAF WEED SPECIES

Annual Sowthistle (Sonchus oleraceus)
Black Nightshade (Solanum nigrum)
Blue Mustard (Chorispora tenella)
Bristly Starbur (Acanthospermum hispidum)
Coast Fiddleneck (Amsinckia intermedia)
Common Cocklebur (Xanthium strumarium)
Common Lambsquarters (Chenopodium album)
Common Tarweed (Hemizonia congesta)
Cutleaf Nightshade (Solanum triflorum)
Eastern Black Nightshade (Solanum ptycanthum)

Field Pennycress (Thlaspi arvense)

Green Smartweed (Polygonum scabrum) Hairy Nightshade (Solanum sarachoides) Jimsonweed (Datura stramonium) Ladysthumb (Polygonum persicaria)

Pennsylvania Smartweed (Polygonum pensylvanicum)

Pepperweed spp. (annual) (Lepidium spp.)
Shepherdspurse (Capsella bursa-pastoris)
Silverleaf Nightshade (Solanum elaeagnifolim)
Tartary Buckwheat (Fagopyrum tatoricum)

¹Sunflower (Helianthus annus)

Wild Buckwheat (Polygonum convolvulus)

SUSCEPTIBLE BROADLEAF WEED SPECIES

Buffalobur (Solanum rostratum)
Common Groundsel (Senecio vulgaris)
Common ragweed (Ambrosia artemisiifolia)

Corn Chamomile (Anthemis arvensis)

Corn Gromwell (Lithospermum arvense)

Cow Cockle (Saponaria vaccaria)

Giant Ragweed (Ambrosia trifida)

Hemp Sesbania (Sesbania exaltata)

Ivyleaf morningglory (Ipomoea hederacea)

Knawel (Scleranthus annus)

²Kochia (Kochia scoparia)

London Rocket (Sisymbrium irio)

Mayweed (Anthemis cotula)

Pitted morningglory* (Ipomoea lacunosa)

Prostrate Knotweed (Polygonum aviculare)

Puncture Vine (Tribulus terrestris)

²Redroot Pigweed (Amaranthus retroflexus)

Russian Thistle (Salsola kali)

²Spiny Pigweed (Amaranthus spinosus)

Tall Morningglory (Pomoea purpurea)

²Tall Waterhemp (Amaranthus tuberculatus)
Tumble mustard (Sisymbrium altissimum)
Velvetleaf (Abutilon theophrasti)
Venice Mallow (Hibiscus trionum)
Wild Mustard (Brassica kaber)
Wild Radish (Raphanus raphanistrum)

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

²For effective control, these weeds should not exceed the 4 leaf stage or 2 inches in height, whichever comes first.

WEED SUPPRESSION

MOXY 2E suppresses the growth of Canada thistle (Cirsium arvense) by burning down top growth. Regrowth may occur.

*Not currently registered in California.

CALIFORNIA REGISTRATIONS

Only the following instructions referenced in this label are registered for use in California: seedling alfalfa, wheat, barley, oats, rye, triticale, flax, corn (post-emergence application only), sorghum (post-emergence application only), onions (dry bulb), garlic; chemigation in seedling alfalfa, wheat, barley, oats, rye, triticale, onions (dry bulb) and garlic; 2,4-D and MCPA tank mixtures in wheat, barley, oats, rye, and triticale; 2,4-D and atrazine tank mixtures in corn and sorghum; 2,4-DB tank mixture in seedling alfalfa grass for seed and sod production, non-residential turfgrass; and non-cropland and industrial sites. All applications must be made with a minimum spray volume of 10 GPA by ground or 5 GPA by air equipment.

SPECIFIC CROP INSTRUCTIONS CEREAL GRAIN CROPS

Corn (Field and Pop) and Sorghum (Grain and Forage) Wheat, Barley, Oats, Rye and Triticale

FORAGE, FIBER AND SPECIALTY CROPS

Alfalfa (Seedling)

Flax

Garlic

Mint (Established Peppermint and Spearmint)

Onions (Dry Bulb)

GRASS CROPS

Conservation Reserve Program (CRP) Areas Grass Grown for Seed or Sod Production Non-Residential Turfgrass

NON-CROPLAND

Non-cropland and Industrial Sites

CEREAL GRAIN CROPS CORN (FIELD AND POP) AND SORGHUM (GRAIN AND FORAGE) MOXY 2E INSTRUCTIONS

		APPLICATION TIMING AND SPECIFIC COMMENTS						
PRODUCT	RATE	CROP	WEEDS					
MOXY 2E	Preemergence 1 - 1½ pints/A	Apply to corn or sorghum before planting until just prior to crop emergence.	See CORN AND SORGHUM APPLICATION RATE TABLE - MOXY 2E for list of weeds and corresponding stages of growth that are controlled by MOXY 2E at specified rates of application. For control of additional weeds not listed in the rate table see the GENERAL WEED LIST.					
	1 pint/A	Apply to corn after emergence but prior to tassel emergence.						
		Apply to sorghum after emergence but prior to the preboot stage (growth stage 4).						
	1½ pints/A	Apply to corn between the 4 leaf stage and prior to tassel emergence.						
		Apply to sorghum between the 4 leaf stage and prior to preboot stage (growth stage 4).						

2 pints/A* Use this rate for corn only.	Apply to field corn only between the 4 leaf stage and prior to tassel emergence. WARNING: DO NOT APPLY THE 2 PINT/A RATE OF MOXY 2E ALONE OR IN TANK MIXTURES TO SORGHUM.	Apply to MOST SUSCEPTIBLE broadleaf weeds up to the 8 leaf stage or 4 inches in height or 2 inches in diameter, whichever comes first. Apply to SUSCEPTIBLE broadleaf weeds up to the 4 leaf stage, 2 inches in height or 1 inch in diameter, whichever comes first.
Chemigation 2 pints/A only	Apply to corn after emergence but prior to tassel emergence. Apply to sorghum after emergence but prior to preboot stage (growth stage 4). Apply through automated sprinkler irrigation systems with a mechanical transfer loading system only. See the Engineering Controls and Sprinkler Irrigation sections of the label for complete details.	Apply to MOST SUSCEPTIBLE broadleaf weeds up to the 8 leaf stage or 4 inches in height or 2 inches in diameter, whichever comes first. Apply to SUSCEPTIBLE broadleaf weeds up to the 4 leaf stage, 2 inches in height or 1 inch in diameter, whichever comes first.

^{*}This rate is not currently registered in California.

CORN AND SORGHUM APPLICATION RATE TABLE - MOXY 2E

WEED SPECIES ¹		1 Pint/A		1½ to 2 Pints/A4		
When determining leaf stage, count all leaves except cotyledonary leaves		Max. Leaf Stage	Max. Weed Height (inches)	Max. Leaf Stage	Max. Weed Height (inches)	
Black Nightshade	(Solanum nigrum)	6	6	6	6	
Buffalobur	(Solanum rostratum)	4	2	6	4	
Common Cocklebur	(Xanthium strumarium)	6	8	8	10	
Common Lambsquarters	(Chenopodium album)		6		8	
Common Ragweed	(Ambrosia artemisiifolia)	6	4	8	6	
Eastern Black Nightshade	(Solanum ptycanthum)	6	6	6	6	
Giant Ragweed	(Ambrosia trifida)	6	4	6	6	
Hemp Sesbania	(Sesbania exaltata)			4	4	
lvyleaf Morningglory	(Ipomoea hederacea)	3	3	4	4	
Jimsonweed	(Datura stramonium)	4	4	6	6	
Kochia	(Kochia scoparia)				2	
Ladysthumb	(Polygonum persicaria)	4	4	6	6	
Pennsylvania Smartweed	(Polygonum pensylvanicum)	4	4	6	6	
Pitted Morningglory*	(Ipomoea lacunosa)	3	3	4	4	
Redroot Pigweed ³	(Amaranthus retroflexus)			4	2	
Spiny Pigweed ³	(Amaranthus spinosus)			4	2	
Sunflower	(Helianthus annus)	4	6	6	8	
Tall Morningglory	(Ipomoea purpurea)	3	3	4	4	
Tall Waterhemp ³	(Amaranthus tuberculatus)			4	2	
Velvetleaf	(Abutilon theophrasti)	4	3	6	5	
Venice Mallow	(Hibiscus trionum)			4	2	
Wild Buckwheat	(Polygonum convolvulus)	4	6	6	8	
Wild Mustard	(Brassica kaber)			4	4	
WEEDS SUPPRESSED ²			•			
Canada Thistle	(Cirsium arvense)	Not Reco	ommended	8 inch to	bud stage	

¹ When determining leaf stage, count all leaves except cotyledonary leaves.

² MOXY 2E suppresses the growth by burning down of top growth. Regrowth may occur.

³ Control of pigweed in the high plains areas of Texas and Oklahoma may not be satisfactory with MOXY 2E. Repeat applications may be necessary to achieve satisfactory control.

⁴ Except for applications via chemigation, do not apply MOXY 2E at the 2 pint/A rate to sorghum.

^{*} Not currently registered in California.

MOXY 2E TANK MIXTURE INSTRUCTIONS

		APPLICATION TIMING AND SPECIFIC COMMENTS					
PRODUCT	RATE	CROP	WEEDS				
MOXY 2E + atrazine	Preemergence 3/4 - 1-1/2 pints/A + 1/2 -1-1/5 lb ai/A	Apply to corn or sorghum before planting until just prior to crop emergence.	See CORN AND SORGHUM APPLICATION RATE TABLE - MOXY 2E + ATRAZINE TANK MIXTURES for list of weeds and corresponding stages of growth that are controlled by MOXY 2E + Atrazine tank mixtures at specified rates of application. For control of additional weeds not listed in the rate table see the GENERAL WEED LIST.				
	3/4-1 pint/A + 1/2-1 1/5 lb ai/A	Apply to corn after emergence but before corn is 12 inches tall. Apply to sorghum after the 3 leaf stage but prior to the preboot stage (growth stage 4) or 12 inches in height, whichever comes first.					
	1 1/2 pints/A + 1/2-1 1/5 lb ai/A	Apply to corn between the 4 leaf stage and before corn is 12 inches tall. Apply to sorghum between the 4 leaf stage but prior to the preboot stage (growth stage 4) or 12 inches in height, whichever comes first.					

ATRAZINE TANK MIX RESTRICTIONS

Atrazine is a Restricted Use Herbicide. Due to ground water concerns, users must read and follow all precautionary statements and instructions on the atrazine label in order to minimize the potential for atrazine to reach ground water.

CORN AND SORGHUM APPLICATION RATE TABLE - MOXY 2E + ATRAZINE TANK MIXTURES

WEED SPECIES ¹		MOXY 2E AND ATRAZINE RATE (TANK MIX)											
When determining leaf stage, count all leaves except cotyledonary leaves.		3/4 P - 1/2 II	ŀ	3/4 Pi + 1 1/5 l	•	1 Pir + 1/2 lb	•	1 Pi + 1 1/5 I	•	1-1/2 i	•	1-1/2 i + 1 1/5 i	•
		MAX LEAF STAGE	MAX WEED HGT.	MAX LEAF STAGE	MAX WEED HGT.	MAX LEAF STAGE	MAX WEED HGT.	MAX LEAF STAGE	MAX WEED HGT.	MAX LEAF STAGE	MAX WEED HGT	MAX LEAF STAGE	MAX WEED HGT
Black Nightshade Buffalobur Burcucumber Common Cocklebur Common Lambsquarter Common Ragweed Eastern Black Nightshade Entireleaf Morningglory Giant Ragweed Hemp Sesbania Ivyleaf Morningglory Jimsonweed Kochia Ladysthumb Marestail* Palmleaf Morningglory Pennsylvania Smartweed Pitted Morningglory* Prickly Sida Punctursvine	(Solanum nigrum) (Solanum rostratum) (Sicyos angulatus) (Xanthium strumarium) (Chenopodium album) (Ambrosia artemisiifolia) (Solanum ptycanthum) (Ipomoea hederacea) (Ambrosia triifda) (Sesbania exaltata) (Ipomoea hederacea) (Datura stramonium) (Kochia scoparia) (Polygonum persicaria) (Conyza canadensis) (Ipomoea wrightii) (Polygonum pensylvanicum) (Ipomoea lacunosa) (Sida spinosa) (Sida spinosa) (Tribulus terrestris)	4 4 4 6 6 - 6 4 - 4 4 4 3 4 - - - - 4 3 - - - - - - -	4 4 4 8 6 4 4 - 6 6 4 3 3 4 2 4 - - - - - - - - - - - - - - - - -	4 4 4 8 - 8 4 4 6 4 4 - 4 4 4 4 - 4 4 -	4 4 4 10 10 10 6 4 3 8 4 4 4 2 2 4 3 3 3 4 4 2 2	6 6 4 8 8 6 4 6 4 6 4 6 4 4 6 4 4 6 4 4 6 4 4 6 4 6 6 6 6 6 7 6 7	6 4 4 4 100 100 6 6 3 8 4 4 4 6 6 2 6 5 3 6 6 4 4 1 1	6 6 6 10 - 8 8 6 4 4 6 6 6 6 6 6	6 4 6 12 12 6 6 3 8 4 4 6 2 8 5 3 8 4 4	6 6 6 6 10 - 8 6 4 4 4 4 4 6 - - - - - - - - - - - - -	6 4 6 12 12 6 6 3 1 0 4 4 6 4 5 8 4 3 8 1	6 6 6 10 - 8 6 4 8 4 4 6 - 8 8 4 4 6 6 6	6 4 6 12 12 12 6 6 3 3 10 4 4 6 6 4 8 5 3 8 8 4 2 2 4 4
Purple Morningglory Redroot Pigweed ³ Smallflower Morningglory Smooth Pigweed ³ Spiny Pigweed ³ Sunflower Tall Morningglory Tall Waterhemp ³ Toothed Spurge Velvetleaf Venice Mallow Wild Buckwheat Wild Mustard	(Ipomoea muricata) (Amaranthus retroflexus) (Jacquemontia tamnifolia) (Amaranthus hybridus) (Amaranthus spinosus) (Helianthus annus) (Ipomoea purpurea) (Amaranthus tuberculatus) (Euphorbia dentata) (Abutilon theophrasti) (Hibiscus trionum) (Polygonum convolvulus) (Brassica kaber)	4 4 4 6 3 4 2 4 4 6	2 2 2 8 3 2 2 3 2 2 3 4	2 8 4 6 8 8 4 8 2 4 4 8 4	3 6 3 4 6 10 4 6 2 3 2 10 4	2 6 4 4 6 8 4 6 4 6 4 8	3 4 3 2 4 10 4 4 4 5 2 10 4	2 8 4 6 8 10 4 8 4 6 6 4 10 4	3 6 3 4 6 12 4 6 4 5 2 12 4	2 6 4 6 6 10 4 6 4 8 4 10	4 3 4 3 4 4 12 4 4 4 6 12 4	2 8 4 6 8 10 4 8 4 8 4 10 4	3 6 3 4 6 12 4 6 4 6 2 12

WEED SPECIES ¹	MOXY 2E AND ATRAZINE RATE (TANK MIX)					
When determining leaf stage, count all leaves except cotyledonary leaves.	3/4 Pint/A 3/4 Pint/A 1 Pint/A + + + 1/2 lb ai/A 1 1/5 lb ai/A 1/2 lb ai/A			1 Pint/A + 1 1/5 lb ai/A	1-1/2 Pint/A + 1/2 lb ai/A	1-1/2 Pint/A + 1 1/5 lb ai/A
WEEDS SUPPRESSED ²						
Canada thistle (Cirsium arvense)	Not Recommended	Not Recommended	8" to bud	8" to bud	8" to bud	8" to bud

- When determining leaf stage, count all leaves except cotyledonary leaves.
- Selected rates of MOXY 2E + atrazine tank mixtures suppress the growth by burning down of top growth. Regrowth may occur.
- If pigweed (*Amaranthus sp.*) present in the field to be treated have been identified as triazine resistant biotypes, use MOXY 2E at 1 1/2 pints/A in a tank mixture with atrazine at 1/2 or 1 1/5 lb ai/A. Applications should be made when pigweed do not exceed the 4-leaf stage and 2 inches in height. Control of pigweeds in the high plains areas of Texas and Oklahoma may not be satisfactory with MOXY 2E + atrazine tank mixtures. Repeat applications may be necessary to achieve satisfactory control.
- * Not currently registered in California.

ATRAZINE CONVERSION TABLE*

ATRAZINE FORMULATION	ATRAZINE RATE POUNDS OF ACTIVE INGREDIENT PER ACRE	ATRAZINE FORMULATION RATE PER ACRE
Altrazine 4L	1/2	1 Pint
	1-1/5	2 2/5 Pints
Atrazine 80WP	1/2	5/8 Pound
	1-1/5	1 1/2 Pounds
Aatrex® Nine-O	1/2	3/5 Pound
	1-1/5	1 1/3 Pounds

^{*}Follow all precautions and limitations on the labels of products used in tank mixture with MOXY 2E.

SPECIAL USE DIRECTIONS FOR OTHER WEED PROBLEMS IN CORN AND SORGHUM

Large Common Cocklebur, Common Lambsquarters and Sunflower

For control of common cocklebur and common lambsquarters up to 14 inches in height and sunflower up to 18 inches in height, use a postemergence application of MOXY 2E at 1 pint/A. Make a second application of MOXY 2E at the same rate 7 to 10 days later.

Large Velvetleaf

For control of velvetleaf up to 14 inches in height, use postemergence application of MOXY 2E at 1 1/2 to 2 pints/A or MOXY 2E + atrazine tank mixture at 1 pint/A + 1 1/5 lb ai/A. Make a second application of MOXY 2E at 1 pint/A 7 to 10 days later, but do not exceed a total of 3 pints/A of MOXY 2E per season on field or popcorn.

Canada Thistle Management

For effective management of Canada thistle, the following MOXY 2E treatments should be applied to thistle from 8" to bud stage for in-season burndown of top growth:

MOXY 2E at 1 1/2 to 2 pints/A

MOXY 2E at 1 - 1 1/2 pints/A + atrazine at 1/2 - 1 1/5 lbs ai/A

MOXY 2E at 1 -1 1/2 pints/A + Banvel/Clarity at 1/4 - 1/2 pint/A

MOXY 2E at 1 - 1 1/2 pints/A + atrazine at 1/2 - 1 1/5 lbs ai/A + Banvel/Clarity at 1/8 - 1/4 pint/A

MOXY 2E at 1 - 1 1/2 pints/A + 2,4-D at 1/8 - 1/4 lb ai/A

MOXY 2E at 1 - 1 1/2 pints/A + atrazine at ½ - 1 1/5 lbs ai/A + 2,4-D at 1/8 - 1/4 lb ai/A

If possible follow with cultivation 14-21 days after treatment. In the fall apply 2,4-D (such as Phenoxy 088) EPA Reg. No. 42750-36-9779, Banvel/Clarity® or Roundup® at specified rates to Canada thistle 4-8 inches tall prior to killing frost. Follow with a similar control program in next year's rotational crop.

^{*}This rate is not currently registered in California.

ADDITIONAL MOXY 2E TANK MIXTURE INSTRUCTIONS

		APPLICATION TIMING AN	ND SPECIFIC COMMENTS
PRODUCT	RATE	CROP	WEEDS
MOXY 2E + Banvel or Clarity® (see Note)	1 pint/A + 1/8 - 1/2 pint/A	Apply to field corn after emergence but before corn is 36 inches tall or 15 days before tassel emergence, whichever comes first. Apply to sorghum after the 3 leaf stage but before sorghum is 15 inches tall. Do not apply in the boot stage. Use drop nozzles if crop is taller than 8 inches.	All weeds controlled by MOXY 2E at specified rates of application plus improved control of pigweed. For Canada thistle burndown and field bindweed suppression up to the mid-bloom stage, use 1/4 - 1/2 pint/A of Banvel with MOXY 2E.
	1-1/2 pints/A+ 1/8 - 1/2 pint/A	Apply to field corn between the 4 leaf stage and before corn is 36 inches tall or 15 days before tassel emergence, whichever comes first.	
		Apply to sorghum between the 4 leaf stage and before sorghum is 15 inches tall. Do not apply in the boot stage. Use drop nozzles if crop is taller than 8 inches.	
MOXY 2E + atrazine + Banvel/ Clarity (see Note)	1 pint/A + 1/2 - 1 1/5 lb ai/A + 1/8 - 1/4 pint/A	Apply to field corn after emergence but before corn is 12 inches tall. Apply to sorghum after the 3 leaf stage but prior to the preboot stage (growth stage 4) or 12 inches in height, whichever comes first. Use drop nozzles if crop is taller than 8 inches.	All weeds controlled by MOXY 2E + atrazine tank mixtures at specified rates of application plus improved control of pigweed. For field bindweed suppression, use 1/4 pint/A of Banvel with MOXY 2E.
	1 1/2 pints/A + 1/2 - 1 1/5 lb ai/A + 1/8 - 1/4 pint/A	Apply to field corn between the 4 leaf stage and before corn is 12 inches tall. Apply to sorghum between the 4 leaf stage and prior to the preboot stage (growth stage 4) or 12 inches in height, whichever comes first. Use drop nozzles if crop is taller than 8 inches.	

Note: Clarity may be used at the same rates as Banvel in a tank mixture on corn. These mixtures must be applied before corn exceeds eight (8) inches in height. Do not use Clarity in a tank mixture with MOXY 2E or MOXY 2E + atrazine on sorghum.

ADDITIONAL MOXY 2E TANK MIXTURE INSTRUCTIONS

		APPLICATION TIMING AND SPECIFIC COMMENTS		
PRODUCT	RATE	CROP	WEEDS	
MOXY 2E + 2,4-D	1 pint/A + 1/16 - 1/4 lb ai/A	Apply to field corn after emergence but prior to tassel emergence. Use drop nozzles if crop is taller than 8 inches. Apply to sorghum after emergence but prior to the preboot stage (growth stage 4) or 15 inches in height. Use drop nozzles if crop is taller than 8 inches.	All weeds controlled by MOXY 2E at specified rates plus improved pigweed and kochia control. For Canada thistle burndown and field bindweed suppression up to the midbloom stage, use 1/8 - 1/4 lb ai/A of 2,4-D with MOXY 2E.	
	1-1/2 pints/A +	Apply to field corn between the 4 leaf stage and prior to tassel emergence. Use drop		

		APPLICATION TIMING AND SPECIFIC COMMENTS		
PRODUCT	RATE	CROP	WEEDS	
	1/16 - 1/4 lb ai/A	nozzles if crop is taller than 8 inches. Apply to sorghum after emergence but prior to the preboot stage (growth stage 4) or 15 inches in height. Use drop nozzles if crop is taller than 8 inches.		
MOXY 2E + atrazine + 2,4-D	1 pint/A + 1/2 - 1 1/5 lb ai/A + 1/16 - 1/4 lb ai/A	Apply to field corn after emergence but before the corn is 12 inches tall. Use drop nozzles if crop is taller than 8 inches. Apply to sorghum after the 3 leaf stage but before sorghum is 12 inches tall. Do not apply in the boot stage. Use drop nozzles if crop is taller than 8 inches.	All weeds controlled by MOXY 2E + atrazine tank mixtures at specified rate of application plus improved devils claw control. For Canada thistle burndown and field bindweed suppression, use 1/8 - 1/4 lb ai/A of 2,4-D with MOXY 2E.	
	1 1/2 pints/A + 1/2-1 1/5 lb ai/A + 1/16 - 1/4 lb ai/A	Apply to field corn between the 4 leaf stage and before the corn is 12 inches tall. Use drop nozzles if crop is taller than 8 inches. Apply to sorghum between the 4 leaf stage and before sorghum is 12 inches tall. Do not apply in the boot stage. Use drop nozzles if crop is taller than 8 inches.		
MOXY 2E + Accent® + non-ionic surfactant	1 pint/A + 2/3 oz/A ¹ + 1 qt/100 gal of water (0.25% v/v)	Apply to field corn preemergence or postemergence up to 36 inches tall. Use drop nozzles only when corn is 24-36 inches tall. Do not apply this tank mix to sorghum.	All broadleaf weeds controlled by Moxy 2E at 1 - 1 1/2 pt/A plus grasses and broadleaves controlled by Accent. For optimum weed control, treat when broadleaves and grasses are in the recommended growth stage or size. Follow the weed size guideline on the Moxy 2E or Accent labels that are least restrictive.	
	1 1/2 pint/A + 2/3 oz/A + 1 qt/100 gal of water (0.25% v/v)	Apply to field corn postemergence after the 4 leaf stage up to 36 inches in height. Use drop nozzles only when corn is 24 - 36 inches tall. Do not apply this tank mix to sorghum.		
MOXY 2E + atrazine + Accent + non-ionic surfactant	1 pint/A + 1/2 - 1 1/5 lb ai/A + 2/3 oz/A + 1 qt/100 gal of water (0.25% v/v)	Apply to field corn preemergence through postemergence but before the corn is 12 inches tall. Do not apply this tank mix to sorghum.	All broadleaf weeds controlled by Moxy 2E + atrazine plus grasses and broadleaves controlled by Accent. For optimum weed control, treat when broadleaves and grasses are in the recommended growth stage or size. Follow the weed size guideline on the Moxy 2E or Accent labels that are least restrictive.	
	1 1/2 pint/A	Apply to field corn after the 4 leaf stage of corn growth but before the corn is 12		

		APPLICATION TIMING A	AND SPECIFIC COMMENTS
PRODUCT	RATE	CROP	WEEDS
	+ 1/2 - 1 1/5 lb ai/A + 2/3 oz/A + 1 qt/100 gal of water (0.25% v/v)	inches tall. Do not apply this tank mix to sorghum.	
MOXY 2E + Beacon® + non-ionic surfactant	1 pint/A + 0.38-0.76 oz/A ¹ (1-2 packets/4 acres) + 1 qt/100 gal of water (0.25% v/v)	Apply to field corn from 4 to 20 inches in height. Do not apply this tank mix to sorghum.	All broadleaf weeds controlled by MOXY 2E at 1 pt/A plus grasses and broadleaves controlled by Beacon. For optimum weed control, treat when broadleaves and grasses are in the recommended growth stage or size. Follow the weed size guidelines on the MOXY 2E or Beacon labels that are least restrictive.
MOXY 2E + Stinger®	1-1 1/2 pints/A + 1/3-2/3 pint/A	Apply to field corn after emergence up to 24 inches in height. Do not apply this tank mix to sorghum.	All weeds controlled by MOXY 2E at specified rates of application plus improved Canada thistle burndown. For optimum performance apply to Canada thistle at least 4 inches in diameter or height but before bud stage.
	1 1/2 pint/A + 1/3 - 2/3 pint/A	Apply to field corn from 4 leaf stage up to 24 inches in height. Do not apply this tank mix to sorghum.	
MOXY 2E + Atrazine + Stinger	1 pint/A + 1/2 - 1 1/5 lb ai/A + 1/3-2/3 pint/A	Apply to field corn after emergence but before corn is 12 inches tall. Do not apply this tank mix to sorghum.	All weeds controlled by MOXY 2E + atrazine tank mixtures at specified rates of application plus improved Canada thistle burndown. For optimum performance apply to Canada thistle at least 4 inches in diameter or height but before bud stage.
	1 1/2 pints/A + 1/2 - 1 1/5 lb ai/A + 1/3 - 2/3 pint/A	Apply to field corn from 4 leaf stage but before corn is 12 inches tall. Do not apply this tank mix to sorghum.	

		APPLICATION TIMING AND SPECIFIC COMMENTS	
PRODUCT	RATE	CROP	WEEDS
MOXY 2E + Pursuit® + Nonionic surfactant + UAN Fertilizer solution	3/4-1 pint/A + 4 ounces/A + 1 qt/100 gallons + 1-2 quarts/A	Apply this tank mix only on field corn hybrids possessing resistance to Pursuit herbicide. Contact your seed supplier for further information. Apply this tank mix to corn between the 3 leaf to 8 leaf stage of growth. Do not use crop oil concentrates when applying MOXY 2E + Pursuit tank mixtures. This tank mixture is not currently registered in California.	This tank mix will control all broadleaf weeds listed as controlled by MOXY 2E at 1 pint/A plus giant foxtail, redroot pigweed, and other grass and broadleaf weeds listed on the Pursuit label.
MOXY 2E + Exceed®	3/4 - 1 pint/A + 0.5-1.0 oz/A	Apply to field corn from 4 to 48 inches in height and before tassseling, whichever comes first. Do not apply this tankmix to sorghum.	The addition of Exceed at 0.5 oz/A to MOXY 2E at 1 pt./A will control all weeds on the MOXY 2E label plus improved control of velvetleaf and pigweed species.
+ nonionic surfactant	+ 1 qt/100 gal water (0.25% v/v)	This tank mixture is not registered for use in California.	Addition of Exceed at 1.0 oz/A to MOXY 2E at 3/4 -1 pt/A will control all weeds on both labels. Follow the weed size guidelines on both labels that are least restrictive.
MOXY 2E + Permit® + nonionic surfactant	3/4-1 pint/A + 1/3-2/3 oz/A + 1 qt/100 gal of water (0.25% v/v)	Apply to field corn from the 3-leaf stage to layby. Don not apply this tankmix to sorghum. This tank mixture is not registered for use in California.	The addition of Permit at 1/3 oz/A to MOXY 2E will control all weeds on the MOXY 2E label at 1 pt./A plus improved control of velvetleaf and pigweed species. Addition of Permit at 2/3 oz/A to MOXY 2E at 3/4 -1 pt/A will control all weeds on both labels. Follow the weed size guidelines on both labels that are least restrictive.
MOXY 2E + Roundup	Preemergence 1-1 1/2 pints/A + 1/2-3 pints/A	Apply to corn or sorghum before planting time up until just prior to crop emergence.	All weeds controlled by MOXY 2E at specified rates of application plus control of certain grass and perennial weeds. Refer to Roundup label for rate to use depending on weeds present at time of application.

RESTRICTIONS AND PRECAUTIONS: Corn (Field and Pop) and Sorghum (Grain and Forage) and Sudangrass

- MOXY 2E does not control grasses. Therefore, it is recommended that a suitable grass control program be used to provide any required grass control.
- . Addition of a spray additive or mixture with liquid fertilizers may cause excessive crop leafburn.
- Seed corn producers should consult the respective seed corn company regarding tolerance of certain seed production inbred lines to MOXY 2E.
- Do not apply MOXY 2E to postemergence to seed corn inbreds or popcorn prior to the 3 leaf stage of crop growth as excessive crop leaf burn may occur.
- . Do not plant rotational crops within 30 days following MOXY 2E herbicide application.
- . Do not cut crop for feed, fodder or graze within 45 days of application.
- Do not apply more than 2 pints (0.5 lb. bromoxynil) of Moxy 2E per acre per year.
- Do not apply more than 0.5 lb. bromoxynil per acre per year when applying alone or tank mixing with other products that contain bromoxynil.
- · Postemergence application prior to the 3 leaf growth stage of corn or sorghum may result in increased crop leaf burn.
- Tank mixtures with Accent/nonionic surfactant or Beacon/nonionic surfactant may result in increased initial crop leaf burn. Use of crop oil concentrate, nitrogen fertilizer solution or other adjuvants in Moxy 2E + Accent or MOXY 2E + Beacon tank mixtures may result in a further increase in crop leaf burn.
- · Special care should be taken when using MOXY 2E and Banvel or 2,4-D tank mixtures to avoid off target drift to sensitive crops.
- Tank mixtures with 2,4-D or Banvel can cause stalk brittleness to field corn or sorghum. Winds or cultivation may cause breakage while crop is brittle.

- . Follow all restrictions and precautions on the label of all products used in tank mixture with MOXY 2E.
- Do not apply MOXY 2E at any rate to sorghum after the preboot stage of growth (growth stage 4) as severe crop injury, including loss of crop yield may result.
- . Except for applications via chemigation, do not apply the 2 pint (0.5 lb. bromoxynil) rate per acre of MOXY 2E to sorghum.
- Do not apply the Moxy 2E + Pursuit tank mix except to field corn hybrids known to possess resistance to Pursuit, or severe crop injury may result.

WHEAT, BARLEY, OATS, RYE AND TRITICALE MOXY 2E INSTRUCTIONS

		APPLICATION TIMING AND SPECIFIC COMMENTS	
PRODUCT	RATE	CROP	WEEDS
MOXY 2E	1 - 1 1/2 pints/A	Spring seeded wheat, barley, and oats. Use in all states except Idaho, Oregon, Washington, Colorado, Wyoming and Montana. Apply from emergence to the boot stage.	Apply 1 pint/A to MOST SUSCEPTIBLE and 1 1/2 - 2 pints/A to SUSCEPTIBLE weeds that do not exceed the 4 leaf stage or 2 inches in height, whichever comes first. If weed forms rosette, apply before weeds exceed 1 inch in diameter.
			Use MOXY 2E at 1 1/2 - 2 pints/A for control of kochia that is 2-4 inches in height and pigweed that does not exceed the 4 leaf stage or 2 inches in height, whichever comes first.
	1 1/2 - 2 pints/A	Fall seeded wheat, barley, rye and triticale throughout the United States. Apply from emergence to the boot stage. Spring seeded wheat, barley and oats throughout the United States. Apply from emergence to the boot stage.	Apply to MOST SUSCEPTIBLE and SUSCEPTIBLE weeds (see GENERAL WEED LIST) up to the 8 leaf stage or 2 inches in height, whichever comes first. If weed forms rosette apply before weeds exceed 2 inch in diameter. Apply to SUSCEPTIBLE broadleaf weeds up to the 4 leaf stage, 2 inches in height or 1 inch in diameter, whichever comes first.
	Chemigation Only 2 pints/A	Apply to wheat, barley, oats, rye and triticale from emergence to the boot stage. Apply through automated sprinkler irrigation systems with a mechanical transfer loading system only. See the Engineering Controls and Sprinkler Irrigation sections of the label for complete details.	Apply to MOST SUSCEPTIBLE broadleaf weeds up to the 8 leaf stage or 4 inches in height or 2 inches in diameter, whichever comes first. Apply to SUSCEPTIBLE broadleaf weeds up to the 4 leaf stage, 2 inches in height or 1 inch in diameter, whichever comes first. Do not use chemigation for control of weeds that exceed 4 inches in height because control may be unacceptable.
	Wheat, barley oats, rye, triticale underseeded with Alfalfa	Apply to wheat, barley, oats, rye or triticale underseeded with alfalfa after small grains emergence up to the boot stage and when underseeded alfalfa has a minimum of 4 trifoliate leaves. Follow all precautions and restrictions listed under the Wheat, Barley, Oats, Rye, Triticale and Seedling Alfalfa sections.	Apply 1 pint/A to MOST SUSCEPTIBLE and 1 1/2 pints/A to SUSCEPTIBLE broadleaf weeds that do not exceed the 4 leaf stage, 2 inches in height or 1 inch in diameter, whichever comes first.

MOXY 2E TANK MIXTURE INSTRUCTIONS

		APPLICATION TIMING AND SPECIFIC COMMENTS		
PRODUCT	RATE	CROP	WEEDS	
MOXY 2E + 2,4-D	1-2 pints/A + 1/4-1/2 lb ai/A	Apply to wheat, barley, oats and rye from the fully tillered but before jointing stage.	This tank mix improves control of mustards and pigweed. Apply to weeds up to the 4 leaf stage, 2 inches in height or 1 inch in diameter, whichever comes first.	
	3/4-1 pint/A + 1/4-1/2 lb ai/A	Apply to wheat and barley in Minnesota, North and South Dakota, but before jointing.	This tank mix improves control of wild buckwheat, redroot pigweed and wild mustard. Apply to weeds up to the 4 leaf stage, 2 inches in height or 1 inch in diameter, whichever comes first.	
MOXY 2E + MCPA	1-2 pints/A + 1/4-1/2 lb ai/A	Apply to wheat, barley, oats and rye from the 4 leaf stage but before jointing.	This tank mix improves control of mustards, pigweed and kochia. Apply to weeds up to the 4 leaf stage, 2 inches in height or 1 inch in diameter, whichever comes first.	
MOXY 2E + Banvel	1-1 1/2 pints/A + 1/8-1/4 pint/A	Fall seeded wheat apply prior to the jointing stage. Spring seeded wheat apply up to the 5 leaf stage. For use on wheat only. Do not treat barley, oats, rye, and triticale.	This tank mix improves control of broadleaves such as prostrate knotweed. Apply to weeds up to the 4 leaf stage, 2 inches in height or 1 inch in diameter, whichever comes first.	
MOXY 2E + Glean® + nonionic surfactant	3/4-1 1/2 pints/A + 1/6-1/3 oz/A + 1 qt/100 gal of water	Apply to wheat and barley from the 2 leaf stage but before boot stage. Refer to Glean label for crop rotation and other restrictions.	This tank mix improves control of broadleaves such as henbit, tansy mustard and pigweed. Apply to weeds up to the 4 leaf stage, 4 inches in height or 2 inches in diameter, whichever comes first.	
MOXY 2E + Ally® + nonionic surfactant	3/4-1 1/2 pints/A + 1/10 oz/A + 1 qt/100 gal of water	Apply to wheat and barley from the 2 leaf stage but before the boot stage. Refer to Ally label for crop rotation and other restrictions.	This tank mix improves control of broadleaves such as tansy mustard and pigweed. Apply to weeds up to the 4 leaf stage, 4 inches in height or 2 inches in diameter, whichever comes first.	
MOXY 2E + Finesse® + nonionic surfactant	3/4-1 1/2 pints/A + 1/6-1/3 oz/A + 1 qt/100 gal of water	Apply to wheat and barley from the 2 leaf stage but before the boot stage. Refer to Finesse label for crop rotation and other restrictions.	This tank mix improves control of broadleaves such as tansy mustard, henbit, chickweed and pigweed. Apply to weeds up to the 4 leaf stage, 4 inches in height or 2 inches in diameter, whichever comes first.	
MOXY 2E + Amber® + nonionic surfactant	3/4-1 1/2 pints/A + 0.28-0.56 oz/A + 0.25-0.5% v/v	Apply to wheat and barley after the 3 leaf stage but before the flag leaf is visible. Refer to the Amber label for crop rotation and other restrictions.	This tank mix improves control of broadleaves such as tansy mustard, henbit, and pigweed. Apply to weeds up to the 4 leaf stage, 4 inches in height or 2 inches in diameter, whichever comes first.	

	APPLICATION TIMING AND SPECIFIC COMMENTS	
RATE	CROP	WEEDS
1-1 1/2 pints/A + 1/6-1/3 oz/A + 1 qt/100 gal of water	Winter wheat. Apply after crop is in the 2 leaf stage but before the flag leaf is visible. Refer to Express label for crop rotation and other restrictions.	This tank mix improves control of broadleaf weeds such as redroot pigweed, tansy mustard and suppression of Canada thistle. Apply to annual weeds up to the 4 leaf stage, 4 inches tall or across and up to Canada thistle 4 to 8 inches tall with 2 to 6
3/4-1 1/2 pints/A + 1/6-1/3 oz/A + 1 qt/100 gal of water	Spring wheat and barley. Apply after crop is in the 2 leaf stage but before the flag leaf is visible. Refer to Express label for crop rotation and other restrictions.	inches of new growth.
3/4-1 1/2 pints/A + 3/10 - 1/2 oz/A + 1 qt/100 gal of water	Winter wheat. Apply after the 2 leaf stage but before the 3rd node is detectable. Refer to the Harmony Extra label for crop rotation and other restrictions. Spring wheat and barley. Apply after the 2 leaf stage but before the 1st node is detectable. Refer to the Harmony Extra label for crop rotation and other restrictions.	This tank mix improves control of broadleaf weeds such as henbit, chickweed and redroot pigweed. Apply to weeds up to 4 leaf stage, 4 inches in height or across whichever comes first.
1-1 1/2 pints/A + 2 pints/A	Apply to wheat and barley after the crop begins to tiller up to the 1st node detectable.	This tank mix improves control of kochia, wild buckwheat and Canada thistle. Apply to annual broadleaf weeds up to the 8 leaf stage up to 4 inches in height or 2 inches in diameter and Canada thistle in the rosette to prebud stage.
1-1 1/4 pints/A + 1/8-1/4 lb ai/A	Winter wheat in Idaho, Montana, Oregon and Washington. Apply in spring after growth has started and secondary roots with a minimum of 3 to 4 tillers have been established but before boot stage. Avoid application when crop has experienced winter kill, frost damage, disease or drought.	This tank mix improves control of broadleaves such as chickweed, filaree, henbit and dogfennel. Apply to weeds that do not exceed 2 inches tall or rosettes of 2 inches in diameter. The higher use rates of both products should be used only in emergency weed situations and if some minor crop injury is acceptable. A recognized authority should be consulted concerning the use of this mixture in your area.
1 pint/A + 4/10 lb ai/A	Winter wheat and winter barley in Idaho, Oregon and Washington. Use only in areas where annual rainfall exceeds 16 inches. One fall application after emergence but before soil freezes or in spring as soon as soil thaws.	This tank mix improves control of broadleaves such as henbit and gromwell. Apply to weeds before they are 2 inches tall or 2 inches in diameter.
1-2 pints/A + 2 1/2-4 pints/A	Winter Wheat. Four leaf to tillering stage. Refer to Avenge label for varietal and other restrictions.	This tank mix will provide wild oat control in addition to broadleaves. Apply to wild oats in the 3-5 leaf stage and broadleaves that do not exceed the 4 leaf stage or rosettes of 1.5 inches in diameter.
	1-1 1/2 pints/A + 1/6-1/3 oz/A + 1 qt/100 gal of water 3/4-1 1/2 pints/A + 1/6-1/3 oz/A + 1 qt/100 gal of water 3/4-1 1/2 pints/A + 3/10 - 1/2 oz/A + 1 qt/100 gal of water 1-1 1/2 pints/A + 2 pints/A 1-1 1/4 pints/A + 1/8-1/4 lb ai/A 1-2 pints/A + 1-2 pints/A + 1-2 pints/A + 1-2 pints/A + 1-2 pints/A	RATE 1-1 1/2 pints/A + 1/6-1/3 oz/A + 1 qt/100 gal of water 3/4-1 1/2 pints/A + 1/6-1/3 oz/A + 2/10-1/2 oz/A + 2/10-1/2 oz/A + 2/10-1/2 oz/A + 2/10-1/2 oz/A + 1/6-1/3 oz/A + 1/6-1/3 oz/A + 1/6-1/3 oz/A + 2/10-1/2 oz/A + 1/6-1/3 oz/A + 2/10-1/2 oz/A + 1/6-1/3 oz/A + 1/6-1/3 oz/A + 2/10-1/2 oz/A + 1/6-1/3 oz/A + 1/6-1/3 oz/A + 2/10-1/2 oz/A + 1/6-1/3 oz/A + 2/10-1/2 oz/A + 1/6-1/3 oz/A + 1/6-1/3 oz/A + 2/10-1/2 oz/A + 1/6-1/3 oz/A + 2/10-1/2 oz/A + 1/6-1/3 oz/A + 1/6-1/3 oz/A + 1/6-1/3 oz/A + 2/10-1/2 oz/A + 1/6-1/3 oz/A + 2/10-1/2 oz/A + 2/10-1/2 oz/A + 1/6-1/3 oz/A + 1/6-1/3 oz/A + 1/6-1/3 oz/A + 2/10-1/2 oz/A + 2/10-1/2 oz/A + 2/10-1/2 oz/A + 2/10-1/2 oz/A + 1/6-1/3 oz/A + 1/6-1/3 oz/A + 2/10-1/2 oz/A + 2/10-1/2 oz/A + 2/10-1/2 oz/A + 2/10-1/2 oz/A + 1/6-1/3 oz/A + 1/6-1/3 oz/A + 2/10-1/2 oz/A + 2/1

		APPLICATION TIMING AND SPECIFIC COMMENTS	
PRODUCT	RATE	CROP	WEEDS
		Spring Wheat. Five to 6 leaf stage. Refer to Avenge label for varietal and other restrictions.	oats per sq. ft.), 3 pints (11-25 oats per sq. ft.) or 4 pints (more than 25 oats per sq. ft.).
		Barley. Two to 7 leaf stage.	

RESTRICTIONS AND PRECAUTIONS: Wheat, Barley, Oats, Rye and Triticale

- . Do not graze treated fields within 45 days following treatment.
- . Do not apply when crops are under moisture stress.
- . Do not apply when crop canopy covers the weeds as poor weed control will result.
- Do not apply when underseeded alfalfa is under moisture, temperature, insect or disease stress or has been stressed by other pesticide carryover or application.
- Do not add a surfactant or crop oil when applying to underseeded alfalfa or increased injury will occur.
- . Do not cut for feed or graze spring treated underseeded alfalfa within 30 days following treatment.
- . Do not cut for feed or graze fall or winter treated underseeded alfalfa until spring, at least 60 days following treatment.
- · Reduced weed control may occur when weeds are stressed from lack of moisture or cold temperatures.
- · Refer to labels of products used in tank mixture of additional restrictions and precautions.
- . Do not plant rotational crops within 30 days following MOXY 2E herbicide application.
- . Do not apply more than 2 pints (0.5 lb. bromoxynil) of Moxy 2E per acre per year.
- Do not apply more than 0.5 lb. bromoxynil per acre per year when applying alone or tank mixing with other products that contain bromoxynil.

FORAGE, FIBER AND SPECIALTY CROPS ALFALFA (SEEDLING) MOXY 2E INSTRUCTIONS

		APPLICATION TIMING AND SPECIFIC COMMENTS		
PRODUCT	RATE	CROP	WEEDS	
MOXY 2E	1-1 1/2 pints/A	Apply in the fall or spring to seedling alfalfa when the majority of the field has a minimum of 4 trifoliate leaves. When alfalfa stand is uneven and conditions favor leafburn, unacceptable crop injury may occur to alfalfa in the 2 trifoliate or smaller stage of growth. If you are unsure of growth stage conditions, contact your local extension service. In the states of California, Washington, Oregon, Idaho, Montana, Wyoming, Colorado, Utah, Nevada, Arizona, New Mexico, and the western halves of North Dakota, South Dakota, Nebraska and Kansas, MOXY 2E application made when temperatures are expected to exceed 80°F at and 3 days following application can result in unacceptable crop injury. In the remaining states MOXY 2E application made when temperatures are expected to exceed 70°F at and 3 days following application can result in unacceptable crop injury. Follow all other use directions listed	Apply 1 pint/A to MOST SUSCEPTIBLE broadleaf weeds and 1 1/2 pint/A for SUSCEPTIBLE broadleaf weeds (See general weed list) when weeds do not exceed 4 leaf stage, 2 inches in height or 1 inch in diameter, whichever comes first. MOXY 2E will not adequately control over-wintered pennycress, henbit and mustards.	

		on the MOXY 2E label.	
	Chemigation Only 2 pints/A	Apply to seedling alfalfa with a minimum of 2 trifoliate leaves. Apply through automated sprinkler irrigation systems with a mechanical transfer loading system only. See the Engineering Controls and Sprinkler Irrigation sections of the label for complete details. MOXY 2E applications made when temperatures are expected to exceed 85°F at and 3 days following application can result in unacceptable crop injury.	Apply to MOST SUSCEPTIBLE broadleaf weeds up to the 8 leaf stage, 4 inches in height or 2 inches in diameter, whichever comes first. Apply to SUSCEPTIBLE broadleaf weeds up to the 4 leaf stage, 2 inches in height or 1 inch in diameter, whichever comes first.
MOXY 2E + Pursuit + nonionic surfactant	3/4 - 1 pint/A + 3 - 6 oz/A + 1 qt/100 gallons	In the states of California, Washington, Oregon, Idaho, Montana, Wyoming, Colorado, Utah, Nevada, Arizona, New Mexico and the western halves of North Dakota, South Dakota, Nebraska and Kansas: Apply in the fall or spring to seedling alfalfa when the majority of the field has a minimum of 2 trifoliate leaves. When alfalfa stand is uneven and conditions favor leafburn, unacceptable crop injury may occur to alfalfa treated prior to the 2nd trifoliate stage of growth. If you are unsure of growth stage conditions, contact your local extension service. MOXY 2E + Pursuit applications made when temperatures are expected to exceed 80°F at and 3 days following application can result in unacceptable crop injury.	This tank mix will control MOST SUSCEPTIBLE broadleaf weeds (See GENERAL WEED LIST) when weeds do not exceed the 4 leaf stage, 2 inches in height or 1 inch in diameter, whichever comes first; and other grass and broadleaf weeds listed on the Pursuit label. Weeds should be 1 - 3 inches tall for optimum control.

FORAGE, FIBER AND SPECIALTY CROPS ALFALFA (SEEDLING) MOXY 2E INSTRUCTIONS

		APPLICATION TIMING AND SPECIFIC COMMENTS		
PRODUCT	RATE	CROP	WEEDS	
MOXY 2E + Pursuit + nonionic surfactant	1/2 - 3/4 pt/A + 3 - 6 oz/A + 1 qt/100 gallons	In all the states except California, Washington, Oregon, Idaho, Montana, Wyoming, Colorado, Utah, Nevada, Arizona, New Mexico and the western halves of North Dakota, South Dakota, Nebraska and Kansas: Apply in the fall or spring to seedling alfalfa when the majority of the field has a minimum of 2 trifoliate leaves. When alfalfa stand is uneven and conditions favor leafburn, unacceptable crop injury may occur to alfalfa treated prior to the 2nd trifoliate stage of growth. If you are unsure of growth stage conditions, contact your local extension service. MOXY 2E + Pursuit applications made when temperatures are expected to exceed 70° F at and 3 days following application can result in	MOXY 2E at 1/2 pint/A tankmixed with Pursuit will control common lambsquarters up to 2 inches in height plus weeds listed on the Pursuit label. MOXY 2E at 3/4 pint/A + Pursuit will control the MOST SUSCEPTIBLE annual broadleaf weeds (See GENERAL WEED LIST) when weeds do not exceed the 4 leaf stage, 2 inches in height or 1 inch in diameter, whichever comes first plus weeds listed on the Pursuit label. Applications should be made when the majority of the weeds are 1 - 3 inches tall and when common lambsquarters do not exceed 4 inches in height. For low growing weeds (such as mustards), apply before the rosette exceeds 3 inches in diameter. Refer	
		unacceptable crop injury.	to the Pursuit label for a list of susceptible weeds at each of the specified rates.	
MOXY 2E + BUTYRAC°	1 pint/A + 1 quart/A	Apply in the fall or spring to seedling alfalfa when the majority of the field has a minimum of 4 trifoliate leaves. When alfalfa	This tank mix improves control of pigweed(spp), kochia, and tansy mustard. Apply when weeds do not exceed the 4 leaf	

200		stand is uneven and conditions favor	stage, 2 inches in height or 1 inch in
(2,4-DB)		leafburn, unacceptable crop injury may	diameter, whichever comes first. MOXY 2E
		occur to alfalfa in the 2 trifoliate or smaller	+ BUTYRAC 200 tank mixtures will not
		stage of growth. If you are unsure of	adequately control over-wintered
		growth stage conditions, contact your local	pennycress, henbit and mustards.
		extension service. In the states of California,	
		Washington, Oregon, Idaho, Montana,	
		Wyoming, Colorado, Utah, Nevada, Arizona,	
		New Mexico, and the western halves of	
		North Dakota, South Dakota, Nebraska and	
		Kansas, MOXY 2E application made when	
		temperatures are expected to exceed 80°F at	
		and 3 days following application can result	
		in unacceptable crop injury. In the	
		remaining states MOXY 2E application	
		made when temperatures are expected to	
		exceed 70°F at and 3 days following	
		application can result in unacceptable crop	
		injury. Rainfall or overhead irrigation within	
		7-10 days following a BUTYRAC application	
		can cause unacceptable crop injury.	
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RESTRICTIONS AND PRECAUTIONS: Alfalfa (Seedling)

- Crop leafburn can occur following MOXY 2E application. Warm, humid conditions may enhance leaf burn. New crop growth will not be affected.
- Alfalfa yield should not be reduced although total biomass tonnage may decrease compared to a weedy field due to weed removal.
- Do not apply when alfalfa is under moisture, temperature, insect or disease stress or has been stressed by other pesticide carryover or application.
- . Do not add a surfactant or crop oil unless specified in the use directions because increased alfalfa injury will occur.
- . Do not cut for feed or graze spring treated alfalfa within 30 days following treatment.
- . Do not cut for feed or graze fall or winter treated alfalfa until spring, at least 60 days following treatment.
- The total cumulative rate of MOXY 2E must not exceed 2 pints (0.5 lb. bromoxynil) per acre per season.
- The use of Eptam® preemergence may enhance crop leaf burn from postemergence application of MOXY 2E and should be considered prior to using MOXY 2E.
- · Follow all restrictions and precautions on the tank mixture product label when a MOXY 2E tank mixture is used.
- · Tank mixture with 2,4-DB may result in unacceptable crop leaf burn especially under warm, humid weather conditions.
- MOXY 2E alone can be applied to seedling alfalfa that has been underseeded into small grains that include wheat, barley, oats,
 rye and triticale. See application restrictions under the WHEAT, BARLEY, OATS, RYE AND TRITICALE section.
- Rainfall or overhead irrigation within 7-10 days following BUTYRAC 200 application can cause unacceptable crop injury.
- Do not plant rotational crops within 30 days following Moxy 2E application.

FLAX (*Linium usitatissium* only) MOXY 2E INSTRUCTIONS

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

MOXY 2E TANK MIXTURE INSTRUCTIONS

		APPLICATION TIMING AND SPECIFIC COMMENTS		
PRODUCT	RATE	CROP	WEEDS	
MOXY 2E + Poast® + Crop Oil Concentrate	1 pint/A + 1-1 1/2 pints/A + 2 pints/A	Apply to flax that is 2 to 8 inches in height. Do not apply this tank mix to flax during or after the bud stage, or within 75 days of flax harvest.	This tank mix will control broadleaf weeds plus grassy weeds listed on the Poast label. Apply to MOST SUSCEPTIBLE broadleaf weeds (see list on the MOXY 2E label) that do not exceed the 4 leaf stage, 2 inches in height or 1 inch in diameter, whichever comes first.	

RESTRICTIONS AND PRECAUTIONS: Flax (Linium usitatissium only)

- . Do not apply more than 1 pint (0.25 lb. bromoxynil) of Moxy 2E per acre in a single growing season.
- . Do not apply if temperatures are expected to exceed 85°F at or 3 days following application or crop injury may occur.
- . Unacceptable crop injury may occur following MOXY 2E application to flax grown on high organic, peat type soils.
- . Application under high humidity conditions can injure flax.
- . Unless otherwise instructed, do not apply MOXY 2E with crop oil concentrate, surfactants or nitrogen solutions.
- . Do not use on ornamental flax.
- . Follow all precautions, directions and restrictions on the Poast label when using this tank mixture with MOXY 2E.
- . Do not plant rotational crops within 30 days following Moxy 2E application.

GARLIC MOXY 2E INSTRUCTIONS

		APPLICATION TIMING AND SPECIFIC COMMENTS		
PRODUCT	RATE	CROP	WEEDS	
MOXY 2E	1 1/2- 2 pints/A	Apply to garlic after emergence but before 12 inches in height.	Apply to MOST SUSCEPTIBLE and SUSCEPTIBLE broadleaf weeds up to the 4 leaf stage, 2 inches in height or 1 inch in diameter, whichever comes first.	
MOXY 2E Only for garlic grown in muck soils in Northeastern U.S.	1 1/2-2 pints/A	Apply to garlic after emergence but before 12 inches in height. *May be harvested 60 days after treatment.		

PRECAUTIONS AND RESTRICTIONS: Garlic

- . Do not apply more than 2 pints (0.5 lb bromoxynil) of Moxy 2E per acre in a single growing season.
- · Use a minimum of 20 gallons per acre for ground application.
- . MOXY 2E can be applied through automated sprinkler irrigation application.
- . Do not harvest within 112 days following treatment (except garlic grown in muck soils in Northeastern United States).
- . Do not plant rotational crops within 30 days following Moxy 2E application.

MINT ESTABLISHED PEPPERMINT AND SPEARMINT ONLY MOXY 2E INSTRUCTIONS

		APPLICATION TIMING AND SPECIFIC COMMENTS			
PRODUCT	RATE	CROP	WEEDS		
MOXY 2E	1 -1 1/2 pints/A	Apply to dormant or actively growing established peppermint or spearmint crops that exhibit good vigor.	Apply to MOST SUSCEPTIBLE and SUSCEPTIBLE weeds that do not exceed the 4 leaf stage, 2 inches in height or 1 inch in diameter, whichever comes first.		
	Chemigation*	Apply to dormant or actively growing established peppermint or spearmint crops	Apply to MOST SUSCEPTIBLE and SUSCEPTIBLE weeds that do not exceed the		

2 pints/A only that exhibit good vigor. Apply through automated sprinkler irrigation systems with a mechanical transfer loading system only. See the Engineering Controls and Sprinkler Irrigation sections of the label for complete details.	4 leaf stage, 2 inches in height or 1 inch in diameter, whichever comes first.
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^{*}Chemigation method of application is not registered for use in California.

RESTRICTIONS AND PRECAUTIONS: Mint

- Application made to mint when temperatures are expected to exceed 70°F at or 5 days following application may result in unacceptable crop injury. This injury is more likely to occur following MOXY 2E application in the spring.
- Do not apply to mint growing under adverse conditions including diseases, insects, nematodes, high salt content soil, drought, excessive moisture, winter damage or other environmental stress.
- Application of MOXY 2E to mint should not be made within two weeks of a Sinbar®5 application or unacceptable crop injury may result.
- Do not use in spring or on newly established mint. Fall applications to spring planted mint should be acceptable if the crop is well established.
- MOXY 2E can cause temporary stunting and discoloration of the mint particularly from the spring application. However, the injury symptoms are only temporary and have not caused yield reduction.
- · Use of MOXY 2E in combination with other products may increase temporary stunting and discoloration.
- . Do not harvest within 70 days following treatment.
- . Do not apply more than 6.0 pints (1.5 lb. bromoxynil) total product per acre in a single growing season.
- Do not plant rotational crops within 30 days following Moxy 2E application.

ONIONS (DRY BULB) MOXY 2E INSTRUCTIONS

		APPLICATION TIMING AND SPECIFIC COMMENTS			
PRODUCT	RATE	CROP	WEEDS		
MOXY 2E	Preemergence 1-1 1/2 pints/A	Preemergence use restricted to onions east of the Mississippi River only. Apply at least 3 to 4 days prior to emergence. Rainfall or irrigation within 2 days following preemergence applications or 3 days prior to crop emergence may result in unacceptable crop injury.	Apply MOXY 2E at 1 pint/A to control MOST SUSCEPTIBLE weeds and 1 1/2 pints/A for SUSCEPTIBLE weeds. Weeds should not exceed the 4 leaf stage, 2 inches in height or 1 inch in diameter, whichever comes first.		
	Postemergence 1-1 1/2 pints/A	Apply only to onions which have 2 to 5 true leaves.			
		Use at least 50-70 gallons of water per acre and apply by ground equipment or chemigation only. Water volume is important - CONCENTRATED SPRAYS KILL ONIONS. Thorough and uniform coverage is necessary for good weed control.			
		In onion-producing areas, certain environmental conditions reduce development of waxy coating on the onion leaves, thus increasing the possibility of injury. Dry soil, dry onion foliage, high light intensity, low humidity, and high temperatures tend to increase the waxy coating on onion leaves and thus reducing chances for injury. It is essential that the soil and onion foliage be dry at the time of application. Humidity should be low and dew should be off the			

		APPLICATION TIMING AND SPECIFIC COMMENTS		
PRODUCT	RATE	CROP	WEEDS	
		plants.		

RESTRICTIONS AND PRECAUTIONS: Onions (Dry Bulb)

- . Do not apply more than 1-1/2 pints (0.375 lb. bromoxynil) of Moxy 2E per acre per year.
- Do not apply more than 0.375 lb. bromoxynil per acre per year when applying alone or tank mixing with other products that contain bromoxynil.
- The sensitivity of onions to MOXY 2E varies with the variety and environmental conditions. Therefore, even if all the label directions are followed, MOXY 2E application still may cause injury to onions under certain circumstances.
- Do not irrigate onions that have received a preemergence application of MOXY 2E for 2 days following application or within 3 days of crop emergence.
- . Do not use MOXY 2E preemergence to onions grown west of the Mississippi River.
- . Do not use MOXY 2E on onions grown under low light intensity, in areas such as Oregon, west of the Cascades.
- . Do not treat onions damaged by sand, insects, or diseases.
- . Do not apply postemergence applications of MOXY 2E with aerial equipment.
- . Do not add surfactant.
- . Do not plant rotational crops within 30 days following Moxy 2E application.

GRASS CROPS CONSERVATION RESERVE PROGRAM AREAS (CRP) MOXY 2E INSTRUCTIONS

		APPLICATION TIMING AND SPECIFIC COMMENTS			
PRODUCT	RATE	CROP	WEEDS		
MOXY 2E	1 to 2 pints/A	Apply to grasses after emergence. If alfalfa is planted, apply after the 4 trifoliate leaf stage.	Apply to MOST SUSCEPTIBLE and SUSCEPTIBLE broadleaf weeds up to the 4 leaf stage, 2 inches in height or 1 inch in diameter, whichever comes first.		
	Chemigation* 2 pints/A only	Apply to grasses after emergence. If alfalfa is planted, apply after the 4 trifoliate leaf stage. Apply through automated sprinkler irrigation systems with a mechanical transfer loading system only. See the Engineering Controls and Sprinkler Irrigation sections of the label for complete details.			

^{*}Chemigation method of application is not registered for use in California.

MOXY 2E TANK MIXTURE INSTRUCTIONS

		APPLICATION TIMING AND SPECIFIC COMMENTS		
PRODUCT	RATE	CROP	WEEDS	
MOXY 2 E	1 to 2 pints/A	Apply to CRP areas after grasses have	This tank mix improves control of mustards,	
+	+	reached the 3 leaf stage. Do not use this tank mixture in areas where alfalfa or other	pigweed, and kochia. Apply up to the 4 leaf stage, 2 inches in height or 1 inch in	
MCPA	1/4 to 1/2 pint/A	legumes have been plantes.	diameter, whichever comes first.	

RESTRICTIONS AND PRECAUTIONS: CRP AREAS

- Do not allow livestock to graze in treated areas or feed grasses, forage, hay, straw, silage, or seed to livestock.
- . Do not add spray adjuvants or fluid fertilizers when applying MOXY 2E CRP areas planted with alfalfa or other legumes.
- Do not apply MOXY 2E to CRP areas planted with alfalfa if temperatures are expected to exceed 80°F or severe crop injury may occur. If legumes other than alfalfa have been planted, severe crop injury may occur at any application temperature.
- Do not apply more than 1-1/2 pints (0.375 lb. bromoxynil) per acre of MOXY 2E to CRP acres that are underseeded with alfalfa.
- . Do not apply more than 2 pints (0.50 lb. bromoxynil) per acre per year.

. Do not apply more than 0.5 lb. bromoxynil per acre per year when applying alone or tank mixing with other products that contain bromoxynil.

GRASSES GROWN FOR SEED OR SOD PRODUCTION MOXY 2E INSTRUCTIONS

Seedling and Established Grasses

	Product RATE Per Acre	RATE	APPLICATION TIMING AND SPECIFIC COMMENTS	
Product		Per 1000 Sq.Ft.	Сгор	Weeds
MOXY 2E	1 to 2 pints	0.375 to 0.75 fl. oz.	Apply to established and newly seeded grasses for seed or sod production before the boot stage. Established grasses tolerant to MOXY 2E include bentgrasses, Kentucky Bluegrass, Fescues, Ryegrass, Bermudagrass, St. Augustinegrass and Zoysiagrass. MOXY 2E may also be used on seedling grasses such as Merion, Park, Delta, or common Kentucky Bluegrasses, Pennlawn, Chew-ings, Illahee or Alta Fescues, Orchardgrass, High-land, Seaside or Astoria Bentgrasses, perennial Ryegrasses, Bahiagrass and Zoysiagrass.	Refer to the GENERAL WEED LIST for a listing of susceptible broadleaf weeds. Optimal control will be attained when weeds are treated in the seedling stage (less than 4 leaf stage, 2 inches in height, or 1 inch in diameter).
MOXY 2E	Chemig- ation* 2 pints only	0.75 fl. oz.	Apply to established and newly seeded grasses for seed or sod production before the boot stage. Apply through automated sprinkler irrigation systems with a mechanical transfer loading system only. See the Engineering Controls and Sprinkler Irrigation sections of the label for complete details. Refer to the list of established grasses that are tolerant to MOXY 2E.	Refer to the GENERAL WEED LIST for a listing of susceptible broadleaf weeds. Optimal control will be attained when weeds are treated in the seedling stage (less than 4 leaf stage, 2 inches in height, or 1 inch in diameter).

^{*}Chemigation method of application is not registered for use in California.

RESTRICTIONS AND PRECAUTIONS: Grasses grown for seed or sod production.

- . Do not apply more than 2 pints (0.50 lb. bromoxynil) of Moxy 2E per acre per year.
- . Do not apply more than 0.5 lb. bromoxynil per acre per year when applying alone or tank mixing with other products that contain bromoxynil.
- Do not allow livestock to graze in treated areas or feed grasses, forage, hay, straw, silage, or seed to livestock.
- . Do not plant rotational crops within 30 days following Moxy 2E application.

NON-RESIDENTIAL TURFGRASS MOXY 2E INSTRUCTIONS

Seedling and Established Non-Residential Turfgrass

			APPLICATION TIMING AN	ID SPECIFIC COMMENTS
Product	RATE Per Acre	RATE Per 1000 Sq.Ft.	Сгор	Weeds
MOXY 2E	1 to 2 pints	0.375 to 0.75 fl. oz.	Apply to established and newly seeded non-residential turfgrass when weeds are small and actively growing. Established turfgrasses that are tolerant to MOXY 2E include bentgrasses, Kentucky Bluegrass, Fescues, Ryegrass, Bermudagrass, St. Augustinegrass and Zoysiagrass. MOXY 2E may also be used on seedling grasses such as Merion, Park, Delta, or common	Refer to the GENERAL WEED LIST for a listing of susceptible broadleaf weeds. Optimal control will be attained when weeds are treated in the seedling stage (less than 4 leaf stage, 2 inches in height, or 1 inch in diameter).

RESTRICTIONS AND PRECAUTIONS: Non-residential turfgrasses

- . Do not apply more than 2 pints (0.5 lb. bromoxynil) of Moxy 2E per acre per year.
- . Do not apply more than 0.5 lb. bromoxynil per acre per year when applying alone or tank mixing with other products that contain bromoxynil.
- . Do not allow livestock to graze or feed in treated areas or feed treated grasses to livestock.
- . Do not apply this product to golf course turf.

NON-RESIDENTIAL TURFGRASS MOXY 2E TANK MIXTURE INSTRUCTIONS

Seedling and Established Non-Residential Turfgrass

			APPLICATION TIMING AND SPECIFIC COMMENTS		
Product	RATE	RATE Per 1000 Sq.Ft.	Стор	Weeds	
MOXY 2E + Weedone® DPC Ester	2 Pints + 3 to 4 Pints	0.75 fl. oz. + 1.125 to 1.5 fl. oz.	Apply to established non-residential turfgrass only. This treatment may cause injury to bentgrasses, St. Augustinegrass, centipedegrass, and carpetgrass.	All weed species previously listed in the GENERAL WEED LIST for MOXY 2E plus the following species: Dandelion (Taraxacum officinale) Plantains (Plantago spp.) Ground lvy (Glechoma hederacea) Red Clover (Trifolium pratense) White Clover (Trifolium agraium) Common Chickweed (Stellaria media) Prostrate Spurge (Euphorbia supina) Oxalis (Oxalis europaea) Knotweed (Polygonum aviculare) Optimal control will be attained when weeds are treated in the seedling stage (less than 4 leaf stage, 2 inches in height, or 1 inch in diameter).	
MOXY 2E + MCPP	2 Pints + 1.0 lb ai	0.75 fl. oz. + 0.025 lb ai	Apply to established non-residential turfgrass only. This treatment is not recommended for use on St. Augustinegrass or centipedegrass.	All weed species previously listed in the GENERAL WEED LIST for MOXY 2E plus the following species: Red Clover (Trifolium pratense) White Clover (Trifolim repens) Common Chickweed (Stellaria media) Mouseear Chickweed (Cerstium vulgaturn) Ground Ivy (Glechoma hederacea) Stitchwort (Stellaria gramminea) Knotweed (Polygonum aviculare) Prostrate Spurge (Euphorbia supina) Optimal control will be attained when weeds are treated in the seedling stage (less than 4 leaf stage, 2 inches in height, or 1 inch in diameter).	
MOXY 2E +	2 Pints +	0.75 fl. oz. +	Apply to established non-residential turfgrass only. This treatment may	All weed species previously listed in the GENERAL WEED LIST for MOXY 2E plus the	

Product	RATE Per Acre	RATE Per 1000 Sq.Ft.	APPLICATION TIMING AND SPECIFIC COMMENTS	
			Сгор	Weeds
Dicamba	0.125 to 0.25 lb ai	0.006 to 0.012 lb ai	cause injury to bentgrasses, St. Augustinegrass, centipedegrass, and carpetgrass.	following species: Red Clover (Trifolium pratense) White Clover (Trifolim repens) Common Chickweed (Stellaria media) Mouseear Chickweed (Cerstium vulgaturn) Pepper Weed (Lepidium spp.) Knotweed (Polygonum aviculare) Optimal control will be attained when weeds are treated in the seedling stage (less than 4 leaf stage, 2 inches in height, or 1 inch in diameter).
MOXY 2E + MCPP + Dicamba	2 Pints + 0.5 to 1.0 lb ai + 0.125 to 0.25 lb ai	0.75 fl. oz. + 0.0125 to 0.025 lb ai + 0.003 to 0.006 lb ai	Apply to established non-residential turfgrass only. This treatment is not recommended for use on St. Augustinegrass or centipedegrass.	All weed species previously listed in the GENERAL WEED LIST for MOXY 2E and MOXY 2E/Dicamba tank mixtures plus the following species: Dandelion (<i>Taraxacum officinale</i>) Plantains (<i>Plantago spp.</i>) Optimal control will be attained when weeds are treated in the seedling stage (less than 4 leaf stage, 2 inches in height, or 1 inch in diameter).
MOXY 2E + MCPP + 2,4-D	2 Pints + 0.5 to 1.0 Ib ai + 0.5 to 1.0 Ib ai	0.75 fl. oz. + 0.0125 to 0.025 lb ai + 0.0125 to 0.025 lb ai	Apply to established non-residential turfgrass only. This treatment is not recommended for use on St. Augustinegrass or centipedegrass.	All weed species previously listed in the GENERAL WEED LIST for MOXY 2E and MOXY 2E/2,4-D tank mixtures plus the following species: Dandelion (Taraxacum officinale) Plantains (Plantago spp.) Red Sorrel (Rumex acetosella) Knotweed (Polygonum aviculare) Optimal control will be attained when weeds are treated in the seedling stage (less than 4 leaf stage, 2 inches in height, or 1 inch in diameter). Optimal control of Red Sorrell will require the use rate of 2,4-D or MCPP.

RESTRICTIONS AND PRECAUTIONS: Tank Mixture Instructions Non-Residential Turfgrasses

- . Do not apply more than 2 pints (0.5 lb. bromoxynil) of Moxy 2E per acre per year.
- Do not apply more than 0.5 lb. bromoxynil per acre per year when applying alone or tank mixing with other products that contain bromoxynil.
- MOXY 2E/WEEDONE DPC tank mixes are not allowed in California.
- . Do not allow livestock to graze in treated areas or feed treated grasses to livestock.
- . Do not apply this product to golf course turf.

NON-CROPLAND NON-CROPLAND AND INDUSTRIAL SITES MOXY 2E INSTRUCTIONS

		RATE	APPLICATION TIMING AND SPECIFIC COMMENTS		
Product RATE Per Acre	Per 1000 Sq.Ft.	Сгор	Weeds		
MOXY 2E	1 to 2 Pints	0.375 to 0.75 fl. oz.	Apply to non-cropland and industrial sites when weeds have emerged and are actively growing.	Refer to the GENERAL WEED LIST for a listing of susceptible broadleaf weeds. Use adequate spray volumes to ensure thorough coverage.	
				Optimal control will be attained when weeds are treated in the seedling stage (less than 4 leaf stage, 2 inches in height, or 1 inch in diameter).	

RESTRICTIONS AND PRECAUTIONS: Non-Cropland and Industrial Sites

- . Do not apply more than 2 pints of Moxy 2E per acre in a single growing season.
- . Do not allow livestock to graze in treated areas or feed treated plant material to livestock.
- · Addition of surfactant or crop oil concentrate may improve burndown of broadleaf weeds under cool, dry conditions.

STORAGE AND DISPOSAL

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

Pesticide Storage: Do not store near fertilizers or seeds. Store at temperatures above 3°F. If allowed to freeze, remix before using. **Pesticide Disposal**: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Disposal: Follow the disposal instructions appropriate for container size and type.

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

Nonrefillable container equal to or less than 5 gallons. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

Nonrefillable container greater than 5 gallons. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

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

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

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