

70299-20

05/24/2012

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

Donna Bishel
BioSafe Systems, LLC
22 Meadow Street
East Hartford, CT 06108

MAY 24 2012

Subject: Label Amendment to add potato treatment sublabel, add additional optional label claims, remove two alternate brand names, and make other minor label edits.
Axxe
EPA Reg. No.: 70299-20
Your submission dated January 19, 2012
Decision Number: 460105

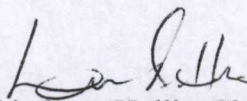
Dear Ms. Bishel:

The amendment referred to above submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) section 3(c)(5), is acceptable provided that you:

- 1) Submit and/or cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
- 2) Submit two (2) copies of your final printed labeling before you release the product for shipment. Final printed labeling means the label or labeling of the product when distributed or sold. Clearly legible reproductions or photo reductions will be accepted for unusual labels, such as those silk-screened directly onto glass or metal containers or large bags or drum labels.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. Should you have any questions, you may contact Mr. Colin Walsh directly at (703) 308-0298 or via email at walsh.colin@epa.gov.

Sincerely,


Linda A. Hollis, Chief
Biochemical Pesticides Branch

CONCURRENCES
Biopesticides and Pollution
Prevention Division (7511P)

SYMBOL	7511P						
SURNAME	Walsh						
DATE	5/23/12						

AXXE

MASTER LABEL

Sublabel A: Agricultural and Commercial Uses
Sublabel B: Residential Uses
Sublabel C: Potato Treatment

(Alternate Brand Names: AXXE Home and Garden Weed Killer, AXXE Grass and Weed Killer)

ACTIVE INGREDIENT:

Pelargonic Acid61.1%

OTHER INGREDIENTS:38.9%

TOTAL:100.0%

EPA Registration No. 70299-20 **Batch Code** _____

EPA Establishment No. 064784-OK-001

Manufactured by:

BioSafe Systems, LLC
22 Meadow St.
East Hartford, CT 06108
(888) 273-3088

Net Contents: (16 oz., 32 oz., 1, 2.5, 30, 55, 275 gallons)

ACCEPTED

MAY 24 2012

Under the Federal Insecticide, Fungicide,
and Rodenticide Act, as amended, for
the pesticide registered under
EPA Reg. No. **70299-20**

Sublabel A: Agricultural and Commercial Uses

AXXE

ACTIVE INGREDIENT:
 Pelargonic Acid61.1%
OTHER INGREDIENTS:38.9%
TOTAL:100.0%

KEEP OUT OF REACH OF CHILDREN
WARNING - AVISO

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

FIRST AID	
If in eyes	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15 – 20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
If on skin or clothing	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15 – 20 minutes. • Call a poison control center or doctor for treatment advice.
If swallowed	<ul style="list-style-type: none"> • Call poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by a poison control center or doctor. • Do not give anything by mouth to an unconscious person.
If inhaled	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. • Call poison control center or doctor for treatment advice.
<p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-222-1222 for emergency medical treatment information.</p>	
<p>NOTE TO PHYSICIAN Probable mucosal damage may contraindicate the use of gastric lavage.</p>	

Sold by: BioSafe Systems, LLC, 22 Meadow St., East Hartford, CT 06108
EPA Registration No. 70299-20 **Batch Code** _____
EPA Establishment No.: 064784-OK-001
Net Contents: (1, 2.5, 30, 55, 275 gallons)

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS – WARNING: Causes substantial but temporary eye injury. Causes skin irritation. Harmful if inhaled. Do not get in eyes; on skin, or on clothing. Avoid breathing spray mist. Wear protective eyewear such as goggles or face shield. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash clothing before reuse.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Handlers who may be exposed to the dilute through application or other tasks must wear: long-sleeved shirt and long pants, and shoes plus socks. Handlers who may be exposed to the concentrate through mixing, loading, application, or other tasks must wear: coveralls over long-sleeved shirt and long pants, chemical resistant gloves, chemical resistant footwear plus socks, and protective eyewear (goggles or face shield). Follow manufacturer's instructions for cleaning / maintaining PPE. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS

Users should:

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

ENVIRONMENTAL HAZARDS

Do not apply directly to water, areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment wash water or rinsate.

PHYSICAL AND CHEMICAL HAZARDS

Do not use in concentrated form. Mix only with water in accordance with label instructions. Never bring concentrate in contact with other pesticides, cleaners or oxidative agents.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the State or Tribal agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

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

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

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

- Coveralls
- Waterproof gloves
- Shoes plus socks

Non-Agricultural Use Requirements

The requirements in this box apply to uses of this product that are **not** within the scope of the Worker Protection Standard 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.

Keep unprotected persons out of treated areas until sprays have dried.

GENERAL INFORMATION

AXXE is a foliarly applied, non-selective, post emergent, broad-spectrum herbicide that controls many broadleaf and grass weeds, and mosses. AXXE is a contact herbicide, active against all soft plant tissue it comes in contact with, including broadleaf and grassy weeds, as well as desirable plants. Do not allow contact with desirable plants or vegetation. AXXE will control only actively growing, green vegetation and does not affect mature, woody vegetation.

Best results are obtained when treating actively growing young weeds. Herbicidal effects vary between certain perennial weed species; several applications may be necessary with some weeds. Most annual weeds can be controlled with a single application if good coverage is achieved. Do not apply before weeds are present. This product is not a systemic herbicide, and only affects the plant tissue that is

directly sprayed. This product demonstrates no residual control. Retreat when necessary to control new growth. For best performance, apply as soon as weeds appear. Spray coverage of target plants should be complete and cover all plant surfaces. Visible effects can be detected within 24 hours. Apply AXXE through most standard industrial or field-type sprayers after dilution and thorough mixing with water according to label instructions.

AXXE can also be used as a desiccant or harvest aid to remove the leaves of crops prior to harvest. For use on root and tuber vegetables, bulb vegetables and cotton. Apply no later than twenty-four hours prior to harvest. (Pre-Harvest Interval – 24 hours).

USE RATES AND APPLICATION DIRECTIONS

AXXE works on contact for control of weeds and undesirable vegetation. Good coverage and thorough wetting of the foliage is required.

Avoid spraying or allowing drift to contact desirable plants.

Adjust spray droplet size to minimize drift.

Do not apply this product through any type of irrigation system.

Do not apply this product through aerial application.

Mixing Instructions

This product mixes readily with water. AXXE works best when diluted with water containing low levels of organic or inorganic materials, and with water having a neutral pH. Thoroughly rinse out tank with water before mixing. Apply using properly maintained and calibrated spray equipment. Apply using backpack, hand-held, shielded or directed applicator, and high volume or boom sprayer.

To prepare the spray mixture:

Fill the spray tank with one-half of the desired volume of water. Add the proper amount of AXXE. Fill the spray tank with the remaining water up to final volume of water. Mix well. For best results, ensure thorough mixing of the solution during the spray operation through agitation, mixing or shaking regularly to keep product in solution. This product separates out of solution without agitation.

Before tank mixing with tank additives, conduct a compatibility test for each combination. Make a test solution in a container following product label instructions; close the lid and shake or stir vigorously. Excessive bubbling and/or pressure are indications of incompatibility. Consult specific product labels for additional information or restrictions concerning tank mixing. Observe the most restrictive limitations and precautions of the labeling of all products used in mixtures.

Spray Drift Management

Avoiding spray drift is the responsibility of the applicator. Do not apply when wind conditions favor drift away from the intended area for treatment. Do not allow spray solution to contact desirable vegetation, as small amounts can cause severe damage to crops and other desirable plants. Many factors including droplet size, equipment type and weather related factors determine the potential for spray drift.

To minimize drift- Avoid generating fine spray particles or mist by using solid cones or flat fans at low pressure to ensure delivery of large coarse spray droplets. Spray droplet size should be adjusted to allow application to reach only the target vegetation. When spraying near crops and desirable plants use spray equipment outfitted with a barrier or shield to avoid spray from contacting desirable plants. Contact with the spray will cause damage to desirable plants.

Application Rates

Mix this product as directed below, and apply using appropriate hand held boom, back pack, or ground sprayer equipment.

Volume of Spray Solution	Amount of AXXE			
	Low (1.5% v/v)	Medium (3% v/v)	High (5% v/v)	Maximum (10% v/v)
1 gallon	1.9 fl. oz.	3.8 fl. oz.	6.4 fl. oz.	12.5 fl. oz.
10 gallons	19 fl. oz.	38 fl. oz.	64 fl. oz.	125 fl. oz.
100 gallons	190 fl. oz.	380 fl. oz.	640 fl. oz.	1250 fl. oz.

Use the following recommended rates below:

1. Low to medium rate for small weeds less than six inches in height.
2. Medium to high rate for annual weeds, algae, mosses, lichens, cryptogams, and weeds more than six inches in height.
3. High to maximum rate for of perennial weeds, late stage and flowering annual and perennial weeds, and control of suckers.
4. Use maximum rate for greatest possible vegetation burn-down, and for chemical edging and trimming along walkways, driveways, and landscaping beds.

Application Methods

1. **General Burndown:** For control of weeds and grasses in seedbed and field preparation. Also for control of weeds and grasses in general non-crop areas, and around aquatic sites. This product may be used as a spot treatment in crops and pastures to eliminate unwanted vegetation.
2. **Post-emergent Shielded and Directed Spray:** For weed and grass control of vegetable, field crops and established nursery crops. Apply between rows of field crops and around nursery crops and landscaping, using equipment designed to prevent spray contact with crops and the green foliage and green

bark of desirable plants. May be used for chemical edging or trimming along landscaping, trees and beds to eliminate unwanted vegetation.

- 3. **Weed Control Prior to Emergence in Plants from Seed, Perennial Rootstocks, Corms and Bulbs:** Apply before new growth emerges from soil or damage to desired plants will occur.
- 4. **Dormant or Post Harvest Spray Applications:** For control of weeds growing in dormant turf or fields after crop harvest.
- 5. **Control of Green Suckers, Pruning and Trimming:** To remove unwanted green sucker growth on woody trees, foliage on vines, and excessive cane growth in brambles. Apply only to unwanted vegetative parts.
- 6. **Crop Desiccant and Harvest Aid:** Apply to remove leaves of crops prior to harvest. Use for burn-down of weeds prior to harvest of commodities. Uses include applications to root and tuber vegetables, bulb vegetables and cotton. Wait 24 hours before harvest of commodity (Pre-harvest interval = 24 hours).
- 7. **Non-Food Uses - Structural and Building Applications:** Apply to unwanted vegetation in and around buildings and structures. Apply AXXE to walks, driveways, benches, walls, floors, roofs, or cooling pads for the control of moss and certain algae. May be used for chemical edging or trimming along walks and driveways to eliminate unwanted vegetation.

USE SITES

Crop Uses and Application Methods (By Crop or Crop Group)

Refer to "Application Methods" and "Application Rates" section of the label for corresponding uses and descriptions.

Crop	Application Methods
Artichoke	1,2,3,4
Asparagus	1,2,3,4
Berries, including but not limited to:	
Blackberry	1,2,3,5
Blueberry	
Cranberry	
Currant	
Raspberry	
Strawberry	

Bulb Vegetables, including but not limited to: Garlic Green Onions Leeks Onions Scallions Shallots	1,2,3,6
Celery	1,2
Cereal Grains including but not limited to: Barley Buckwheat Canola Corn (field, pop corn, sweet corn) Cotton Cow pea Millet Oats Peanut Rice Rye Safflower Sorghum Sugarcane Sunflower Wheat Wild Rice	1,2,3
Cotton	1,2,3,6
Citrus Crops, including but not limited to: Citrus Hybrids Grapefruit Kumquat Lemon Lime Orange Tangerine	1,2
Cole Crops, including but not limited to: Broccoli Brussels Sprouts Cabbage Cauliflower Collards Kale	1,2,3
Cucurbit crops, including but not limited to: Cucumber Melons Pumpkin Squash	1,2,3

Fruiting vegetables, including: Eggplant Okra Pepper Tomato Tomatillo	1,2,3
Grasses – Forage and pasture grasses- Alfalfa Clover All grasses grown for livestock feed	1,3,4
Grapes	1,2,3,5
Herbs and Spices, including but not limited to: Basil Chives Cilantro Coriander Dill Mint Rosemary Sage	1,2,3,4
Leafy Vegetables, including but not limited to: Arugula Chicory Root Endive Fennel Lettuce Parsley Radicchio Rhubarb Spinach Swiss chard Cress	1,2
Legume Vegetables (succulent and dried) including but not limited to: Beans Chick pea Kidney Bean Lentil Lima Bean Peas Snap Beans Soybean	1,2,3
Nuts, including but not limited to: Almond Filbert Pecan Pistachio Macadamia Walnut	1,2,5
Peanuts	1,2,3
Pome Fruit, including but not limited to: Apple	1,2,5

Crab apple Loquats Pear Quince	
Root and Tuber Vegetables, including but not limited to: Beet Carrot Ginger Ginseng Horseradish Jerusalem Artichoke Parsnip Potato Sugar Beet Sweet Potato Radish Rutabaga Taro Turnip Yam	1,2,3,4,6
Specialty Crops: Cocoa Coffee Hops Jojoba Tea	1,2,5
Stone Fruit: Apricot, Cherry Nectarine Peach Plum Prune	1,2,5
Tobacco	1,2,5
Tropical and Other Fruit, including but not limited to: Avocado Banana Casaba Coconut Date Fig Guava Kiwi Mango Olive Passion Fruit Papaya Persimmon Pineapple Star Fruit	1,2,5

Non- Food Uses and Application Methods

Refer to "Application Methods" and "Application Rates" section of the label for corresponding uses and descriptions.

Use Sites	Application Methods
Trees and Shrubs – For use in landscaping, forestry, nurseries and commercial tree production	1,2,5
Turf, Flowers, Bedding and Landscape Plants - Apply around ornamentals, flowers, bedding plants, turfgrass (maintenance, renovation, sod or seed production)	1,2,3,4,5,6
Greenhouse and Indoor Use - Apply around crops, plants and structures	1,2,3,7
Industrial Sites, Non-Crop Land, Rights of Way, and Public Areas - For burndown and weed control in industrial sites, driveways, parking lots, fallow land, fence rows, and recreational areas.	1,2,7
Structures, Buildings and Walkways – Use on floors, walls, walks, evaporative cooling pads	7
Dry Aquatic Sites, Dry Drainage Systems, Industrial Ponds, Impounded Water Areas, and around Aquatic Areas - For use in dry ditches, dry canals, canal banks and for use above the water line. Application must be made 72 hours prior to reflooding of aquatic site.	1,7

Note: A temporary residue or precipitate may be observed when used on some types of brick, stone, concrete, or masonry.

NOTE:

- Control is most easily achieved when weeds are not yet well established. Treat when growth first begins to appear.
- Apply early in the day under calm, sunny conditions, and temperatures are warm. Sunlight and higher temperatures both enhance activity.
- Cool weather will slow the activity of AXXE, and may delay or reduce the visual effects.
- Do not apply under heavy dew conditions; allow dew to evaporate prior to application.
- Do not apply under windy conditions, as severe damage may occur to desirable plants
- If desired, reseed or transplant treated areas as soon as adequate levels of weed control are achieved.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE

Store in original containers in a cool, well-vented area, away from direct sunlight. Do not allow product to become overheated in storage. This may cause increased degradation of the product, which will decrease product effectiveness. In case of spill, flood area with large quantities of water. Do not store in a manner where cross-contamination with other pesticides or fertilizers could occur.

PESTICIDE DISPOSAL

Pesticide wastes may be hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label directions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

CONTAINER HANDLING

(Containers equal to or less than 5 gallons):

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

(Containers greater than 5 gallons):

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

WARRANTY

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

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions, presence of other materials or other influencing factors in the use of the product, which are beyond the control of BIOSAFE SYSTEMS LLC or Seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold BIOSAFE SYSTEMS and Seller harmless for any claims relating to such factors.

BIOSAFE SYSTEMS warrants that this product conforms to the *chemical* description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above when used in accordance with directions under normal use conditions. This warranty does not extend to the use of the product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or BIOSAFE SYSTEMS, and Buyer and User assume the risk of any such use. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BIOSAFE SYSTEMS MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE, NOR ANY OTHER EXPRESSED OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

To the extent consistent with applicable law, in no event shall BIOSAFE SYSTEMS or Seller be liable for any incidental, consequential or special damages resulting from the use or handling of this product. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF BIOSAFE SYSTEMS AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF BIOSAFE SYSTEMS OR SELLER, THE REPLACEMENT OF THE PRODUCT.

BIOSAFE SYSTEMS and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitation of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of BIOSAFE SYSTEMS.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMAN AND DOMESTIC ANIMALS – WARNING: Causes substantial but temporary eye injury. Causes skin irritation. Harmful if inhaled. Do not get in eyes, on skin, or on clothing. Avoid breathing spray mist. Wear protective eyewear such as goggles or face shield. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash clothing before reuse.

ENVIRONMENTAL HAZARDS

To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Rinsing application equipment over the treated area will help avoid run off to water bodies or drainage systems.

PHYSICAL AND CHEMICAL HAZARDS

Do not use in concentrated form. Mix only with water in accordance with label instructions. Never bring concentrate in contact with other pesticides, cleaners or oxidative agents.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Causes substantial but temporary eye injury. Wear protective eyewear such as goggles or face shield and gloves when applying AXXE. Wash hands after use.

GENERAL INFORMATION

AXXE is a foliarly applied, non-selective, post emergent, broad-spectrum herbicide that controls many broadleaf and grass weeds, and mosses. AXXE is a contact herbicide, active against all soft plant tissue it comes in contact with, including broadleaf and grassy weeds, as well as desirable plants. Do not allow contact with desirable plants or vegetation. AXXE will control only actively growing, green vegetation and does not affect mature, woody vegetation. Best results are obtained when treating actively growing young weeds. Herbicidal effects vary between certain perennial weed species; several applications may be necessary with some weeds. Most annual weeds can be controlled with a single application if good coverage is achieved. Do not apply before weeds are present. This product is not a systemic herbicide, and only affects the plant tissue that is directly sprayed. This product demonstrates no residual control. Retreat when necessary to control new growth. For best performance, apply as soon as weeds appear. Spray coverage of target plants should be complete and cover all plant surfaces. Visible effects can be detected within 24 hours. Do not allow spray to contact desirable plants or vegetation.

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USE RATES AND APPLICATION DIRECTIONS

Mixing Instructions

This product mixes readily with water. Thoroughly rinse out tank with water before mixing. Mix this product as directed below, and apply using appropriate backpack, hand-held pump or trigger sprayer. Spray plant surfaces, ensuring coverage of the foliage is complete, but not to runoff. Use one gallon of spray solution for every 200 square feet.

To prepare the spray mixture:

Fill the spray tank with one-half of the desired volume of water. Add the proper amount of AXXE. Fill the spray tank with the remaining water up to final volume of water. Mix well. For best results, ensure thorough mixing of the spray solution through agitation, mixing or shaking regularly to keep product in solution.

Do not allow spray solution to contact desirable vegetation, as small amounts can cause severe damage to crops and other desirable plants.

Application Rates

Rate	Quantity of AXXE	Quantity of water
Low	1.9 fl. oz.	1 gallon
Medium	3.8 fl. oz.	1 gallon
High	6.4 fl. oz.	1 gallon
Maximum	12.5 fl. oz.	1 gallon

Use the following recommended rates below:

1. Low to medium rate for small weeds less than six inches in height.
2. Medium to high rate for annual weeds, algae, mosses, lichens, cryptogams, and weeds more than six inches in height.
3. High to maximum rate for of perennial weeds, late stage and flowering annual and perennial weeds, and control of suckers.
4. Use maximum rate for greatest possible vegetation burn-down, and for chemical edging and trimming along walkways, driveways, and landscaping beds.

Use Sites

Trees and Shrubs-

For general weed control and site preparation. Control of unwanted green sucker growth on trees.

Turf, Flowers, Bedding and Landscape Plants -

Apply around ornamentals, flowers, bedding plants, turfgrass (maintenance, renovation). Use to trim or edge around planting beds, driveways and walkways.

Vegetable Gardens-

For general weed and grass control and site preparation prior to planting. For established gardens- apply between rows and around vegetable plants, using equipment designed to prevent spray contact with desirable plants. Do not spray under windy conditions.

Greenhouse and Indoor Use - For weed control in home greenhouses, structures, and interior plantscapes.
Outdoor Home Use- For burndown and weed control in and around driveways, walkways, parking lots, fallow land, fence rows, buildings and structures.
Structures, Buildings and Walkways- Use on floors, walls, walks, evaporative cooling pads.
Dry Aquatic Sites- For weed, moss, and algae control in dry ditches, dry canals, canal banks and for use above the water line. Application must be made 72 hours prior to reflooding of aquatic site.

NOTE:

- Control is most easily achieved when weeds are not yet well established. Treat when growth first begins to appear.
- Works on contact for control of weeds and undesirable vegetation. Good coverage and thorough wetting of the foliage is required.
- Apply early in the day under calm, sunny conditions, and temperatures are warm. Sunlight and higher temperatures both enhance activity.
- Do not apply under heavy dew conditions; allow dew to evaporate prior to application.
- Do not apply under windy conditions, as severe damage may occur to desirable plants.
- Avoid spraying or allowing drift to contact desirable plants.
- Adjust spray droplet size to minimize drift.
- If desired, reseed or transplant treated areas as soon as adequate levels of weed control are achieved.
- Keep people, pets and livestock away from treated areas until spray solution has dried.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE

Store in original containers in a cool, well-vented area, away from direct sunlight. Do not allow product to become overheated in storage. This may cause increased degradation of the product, which will decrease product effectiveness. In case of spill, flood area with large quantities of water. Do not store in a manner where cross-contamination with other pesticides or fertilizers could occur.

PESTICIDE DISPOSAL AND CONTAINER HANDLING

If empty – Nonrefillable container. Do not reuse or refill this container. Place in trash or offer for recycling if available.

If partly filled – Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

WARRANTY

This material conforms to the description on the label and is reasonably fit for the purposes referred to in the directions for use. To the extent consistent with applicable law, the seller shall not be liable for timing, unfavorable temperatures, water conditions, presence of other materials, method of application, weather, watering practices, nature of soil, disease problem, condition of crop, incompatibility with other chemicals, pre-existing conditions and other conditions influencing the use of this product. Buyer assumes all risks associated with the use, storage, or handling of this material not in strict accordance with directions given herewith. NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY IS MADE.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS – WARNING: Causes substantial but temporary eye injury. Causes skin irritation. Harmful if inhaled. Do not get in eyes, on skin, or on clothing. Avoid breathing spray mist. Wear protective eyewear such as goggles or face shield. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash clothing before reuse.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Handlers who may be exposed to the dilute through application or other tasks must wear: long-sleeved shirt and long pants, and shoes plus socks. Handlers who may be exposed to the concentrate through mixing, loading, application, or other tasks must wear: coveralls over long-sleeved shirt and long pants, chemical resistant gloves, chemical resistant footwear plus socks, and protective eyewear (goggles or face shield). Follow manufacturer's instructions for cleaning / maintaining PPE. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS

Users should:

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

ENVIRONMENTAL HAZARDS

Do not apply directly to water, areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment wash water or rinsate.

PHYSICAL AND CHEMICAL HAZARDS

Do not use in concentrated form. Mix only with water in accordance with label instructions. Never bring concentrate in contact with other pesticides, cleaners or oxidative agents.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the State or Tribal agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

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

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

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

- Coveralls
- Waterproof gloves
- Shoes plus socks

Non-Agricultural Use Requirements

The requirements in this box apply to uses of this product that are **not** within the scope of the Worker Protection Standard 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.

Keep unprotected persons out of treated areas until sprays have dried.

GENERAL INFORMATION

When used according to label directions, AXXE is used to inhibit and suppress the sprouting of potatoes during storage. Apply to harvested potatoes to prevent and suppress the sprouting of potatoes until the potatoes are ready for shipping to the fresh market or processing plants.

AXXE may also be applied to suppress the formation of sprouts on potatoes coming out of storage as they are packed. For best results, apply when potatoes are at 'peeping' or before sprouts reach 1/8 inch long.

Do not apply to potatoes grown for seed.

USE RATES AND APPLICATION DIRECTIONS

Dilute AXXE at a 3% active ingredient level as directed below, and apply using spray nozzles placed evenly across the rollers on which the potatoes are being moved. Apply to washed and damp dried potatoes. Use this diluted emulsion at a rate of 1 gallon per 8,000 lbs. of potatoes.

To prepare the spray mixture:
Fill the spray tank with one-half of the desired volume of water. Add the proper amount of AXXE. Fill the spray tank with the remaining water up to final volume of water. Mix well. For best results, ensure thorough mixing of the spray solution through agitation, mixing or shaking regularly to keep product in solution. Discard unused spray solution.

Application Rates

<u>Volume of Spray Solution</u>	<u>Amount of AXXE</u>
1 gallon	3.8 fl. oz.
10 gallons	0.5 gallons
100 gallons	5.0 gallons

Note:

- Do not apply to potatoes grown for seed.
- Do not store or reuse diluted spray solution.
- AXXE is used for the treatment of potatoes after harvest, and after storage and washing.
- Use AXXE after the potato breaks dormancy to suppress sprouts.
- Potatoes must be cured prior to treatment and, for maximum sprout inhibition, should be washed clean.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE

Store in original containers in a cool, well-vented area, away from direct sunlight. Do not allow product to become overheated in storage. This may cause increased degradation of the product, which will decrease product effectiveness. In case of spill, flood area with large quantities of water. Do not store in a manner where cross-contamination with other pesticides or fertilizers could occur.

PESTICIDE DISPOSAL

Pesticide wastes may be hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label directions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

CONTAINER HANDLING

(Containers equal to or less than 5 gallons):

Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. 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 if available or puncture and dispose of in a sanitary landfill, or by incineration. Do not burn, unless allowed by state and local ordinances.

(Containers greater than 5 gallons):

Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. 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. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration. Do not burn, unless allowed by state and local ordinances.

WARRANTY

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

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions, presence of other materials or other influencing factors in the use of the product, which are beyond the control of BIOSAFE SYSTEMS LLC or Seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold BIOSAFE SYSTEMS and Seller harmless for any claims relating to such factors.

BIOSAFE SYSTEMS warrants that this product conforms to the *chemical* description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above when used in accordance with directions under normal use conditions. This warranty does not extend to the use of the product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or BIOSAFE SYSTEMS, and Buyer and User assume the risk of any such use. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BIOSAFE SYSTEMS MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE, NOR ANY OTHER EXPRESSED OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

To the extent consistent with applicable law, in no event shall BIOSAFE SYSTEMS or Seller be liable for any incidental, consequential or special damages resulting from the use or handling of this product. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF BIOSAFE SYSTEMS AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF BIOSAFE SYSTEMS OR SELLER, THE REPLACEMENT OF THE PRODUCT.

BIOSAFE SYSTEMS and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitation of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of BIOSAFE SYSTEMS.

Optional Label Claims:

- Non-selective, non-residual herbicide.
- For control or burn down of a broad spectrum of weeds, mosses on contact.
- For use as a harvest aid and crop desiccant on a variety of crops.
- For control of unwanted vegetation in greenhouses, nurseries, and in other areas as walkways, around buildings, and industrial areas.
- Easy to use
- Fast acting
- Weed and grass killer
- Acts on contact
- Broad spectrum
- Visible results within 24 hours
- Inactivated on contact with soil
- Will not leach through the soil to harm desirable plants
- Will not translocate in the plant
- For home and garden use
- Non - toxic mode of action
- Non - selective herbicide
- Effective weed and grass control
- Grass and weed knockdown
- Eliminates vegetation and leaves area weed free
- Ideal for spot weed control around ornamental trees, bushes and flowers
- Ideal for trimming and edging along walkways, driveways, trees and landscaping beds
- For control or burndown of a broad spectrum of weeds on contact
- For non-selective control of herbaceous broadleaf weeds, and grasses in rights of way and industrial sites
- For non-selective control of herbaceous broadleaf weeds, and grasses in crop areas, pastures, and fallow land
- For control of mosses, lichens, and cryptogams
- For control or burndown of weeds and grasses
- Controls annual and perennial weeds
- Controls grasses and broadleaf weeds
- For weed control in and around buildings, walkways, driveways and industrial areas
- For use as a harvest aid and crop desiccant on a variety of crops
- Potato sprout inhibitor
- Sprout Inhibitor
- Sprout Suppressant
- Suppresses sprouts on potatoes
- For use on harvested potatoes
- For use on stored potatoes
- Prevents the formation of sprouts
- Inhibits and suppresses sprouts on harvested and stored potatoes
- Controls annual and perennial weeds

- Control of annual and perennial broadleaf weeds as well as mosses and liverworts
- Works within hours of application
- Non-selective Herbicide
- Treatment for the suppression and inhibition of sprouts on potatoes