

2017-5673  
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AXXE Broad Spectrum Herbicide

SOLUTION

AGRICULTURAL/COMMERCIAL

For contact spray control or burndown of weeds and grasses for food crops, field crops, pastures, ornamentals, turf, landscapes, interiorscapes, greenhouses, and non-crop areas on farmsteads

READ THE LABEL BEFORE USING  
KEEP OUT OF REACH OF CHILDREN

**NON-SELECTIVE BURNDOWN PRODUCT**

**Do not allow spray to contact any green plant parts of desirable plants.**

ACTIVE INGREDIENT: Ammonium Salt of Fatty Acid...36.0%

REGISTRATION. NO: 32719 PEST CONTROL PRODUCTS ACT

WARNING – EYE IRRITANT  
CAUTION – SKIN IRRITANT

NET CONTENTS: 1.0-1050 Litres

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[OPTIONAL STATEMENTS]:

[Fast acting]

[Eliminates unwanted vegetation quickly]

[No shaking or agitation required when stored at room temperature]

## Weeds Controlled and Application Sites:

AXXE Broad Spectrum Herbicide is a non-selective herbicide designed for control or suppression of grass and broadleaf weeds, such as (but not limited to): crabgrass, pigweed, amaranth, carpetweed, and liverworts.

For contact spray control or burndown of weeds and grasses for food crops, field crops, pastures, ornamentals, turf, landscapes, interiorscapes, greenhouses, and non-crop areas on farmsteads.

Since AXXE Broad Spectrum Herbicide is a non-selective herbicide it will control target weeds in almost any cropping situation where contact with the desirable vegetation is avoided.

For example:

AXXE Broad Spectrum Herbicide can be used around berries, grapes, orchards, carrots, ginseng, onions, potatoes, hops, cannabis, nursery crops (field and container-grown plants), greenhouse crops (including ornamentals), melons, cucumbers, peppers, tomatoes, lettuce, Brussels sprouts, broccoli, herbs, mushrooms, garlic, cauliflower etc, if they are protected from contact with the spray solution.

Use AXXE Broad Spectrum Herbicide as a shielded spray application to control weeds in row middles of staked crops and row crops, between rows covered in plastic mulch, and areas around the base of trees and vine crops. Application is only to be made directly to the target pests.

## GENERAL INSTRUCTIONS:

AXXE Broad Spectrum Herbicide is a contact non- selective herbicide for spray application only to undesirable plant growth.

## NON-SELECTIVE BURNDOWN PRODUCT

**Do not allow spray to contact any green plant parts of desirable plants.**

AXXE Broad Spectrum Herbicide provides rapid burndown and suppression of annual and perennial broadleaf and grass weeds.

AXXE Broad Spectrum Herbicide is a fatty acid ammonium salt product which penetrates the cell walls of plants to disrupt the cellular organization of physiological functions which are compartmentalized by membranes within the cell walls. Plant growth ceases when cellular contents are mixed which causes brown necrotic plant tissue.

AXXE Broad Spectrum Herbicide is not translocated in plants. To ensure satisfactory control, plant leaves must be thoroughly and uniformly covered with the spray solution. AXXE Broad Spectrum Herbicide does not provide any residual weed control in soil to affect germinating weed seeds.

## DIRECTIONS FOR USE:

For use, AXXE Broad Spectrum Herbicide is diluted with water to the specified concentration for

effective control of the undesirable vegetation. Dilution must be in accordance with label instructions. Do not apply this product through any type of irrigation system. Spray equipment options include hand-held equipment (boom sprayers, pressure sprayers and hose-end sprayers) and directed spray equipment. Spray nozzles that produce a uniform spray will give maximum coverage of the leaves, and thus highest activity. AXXE Broad Spectrum Herbicide is completely soluble in water and when uniformly mixed, no additional mixing or agitation is required.

#### **Application Precautions:**

- Do not apply to weeds when wet from dew, rain or irrigation.
- Do not irrigate within 2 hours after application
- Do not apply if rainfall is expected within 2 hours.
- As this product is not registered for the control of pests in aquatic systems, DO NOT use to control aquatic pests.
- DO NOT contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.
- DO NOT allow effluent or runoff from greenhouses containing this product to enter lakes, streams, ponds or other waters.
- To reduce runoff from treated areas into aquatic habitats avoid application to areas with a moderate to steep slope, compacted soil, or clay.
- Avoid application when heavy rain is forecast.
- Contamination of aquatic areas as a result of runoff may be reduced by including a vegetative strip between the treated area and the edge of the water body.

During application, some foaming may occur; however, weed control is unaffected if the foam is deposited on the plant surface and is not blown away as drift. Foaming can be reduced by using the minimum spray pressure required for a uniform application to the target weeds. Use low spray pressure to reduce foaming and avoid contact with desirable plants. Most spray nozzles are designed to operate at 70 to 105 kPa (10 to 15 psi) and provide uniform spray coverage of weeds.

#### **Mixing:**

Fill sprayer tank with half the required amount of water, add the full amount of AXXE BROAD SPECTRUM HERBICIDE to be used (see Dilution Factors below), then fill the sprayer tank with the remainder of the water required for the desired final concentration. Since AXXE BROAD SPECTRUM HERBICIDE is completely soluble in water and when uniformly dispersed in water, continuous mixing or agitation is not required.

#### **Broadcast Application with Field Sprayer Boom Equipment**

The amount of weed vegetation will determine the spray volume required for complete coverage of undesired plants (weeds). Weed vegetation conditions that affect spray coverage are number of weeds present, leaf shape, weed size and weed species. For weeds of over 3 cm do not use less than 625 L/ha. Large weeds of 6 cm or more in height may require 765 L/ha or more for control.

#### **Hand-Held Equipment**

Thorough saturation of the foliage and stems is required for control, but stop sprays when run-off from weed leaves occurs. Use low spray pressure to reduce foaming and avoid contact with

desirable plants. Most spray nozzles are designed to operate at 70 to 105 kPa (10 to 15 psi) and provide uniform spray coverage of weeds.

### Directed Spray Equipment

Use a shielded sprayer to prevent spray contact on desirable plants. Avoid spray contact of green plant stems or green bark of young trees and shrubs.

**NOTE:** In areas of hard water, the final mixture may appear milky. This condition does not change the effectiveness of the treatment. A clearly visible foam will appear on the leaves as the plants are sprayed. Repeat application as often as necessary to obtain desired control.

### Application Rates:

AXXE BROAD SPECTRUM HERBICIDE is applied at a 5% a.i. concentration until the point of run-off or at the litres per hectare described in Table 1 below. Apply AXXE BROAD SPECTRUM HERBICIDE spray solutions only when weed surfaces are dry.

Table 1

Application volume per hectare at the label rate of 5% a.i.

Application volume	325L/ha	625 L/ha	765 L/ha
Height of plants (weeds)	0-3 cm	3-6 cm	6 cm and above
AXXE Broad Spectrum Herbicide	45 L	87 L	106 L
Water	280 L	538 L	659 L

### Use Methods

Determine the weed control situation and select the use method required as follows:

**A. Vegetative Burndown:** Broadcast sprays using hand-held or directed (shielded) spray equipment for weed control may be used in crop and non-crop areas while spot sprays may be used in ornamentals, pastures and turf.

**B. Directed and shielded sprays:** Spray nozzle type or configuration for directed spray or a shield placed around the nozzle to prevent spray contact on the foliage or green stems or bark. Directed/shielded spray applications to area between plastic mulch strips and staked crops for weed control.

**C. Preemergence Spray Before Seeds Germinate and Emerge, and Before Perennial Plants, Tubers, Bulbs or Seed Pieces Sprout and Emerge:** Make application before new growth emerges.

**D. Post Harvest Spray:** Apply after crops are harvested to kill weeds and residual green growth of the crop plants.

**E. Industrial and Building Uses:** Apply to weeds in walkways, driveways, parking areas and around buildings or structures. Directed and shielded sprays or spot sprays may be applied to open field areas and rights-of-ways.

Repeat applications as necessary to achieve desired weed control results. Any standard hand-held or backpack sprayer can be used. Spray weeds thoroughly, using a coarse nozzle setting to reduce drift. Thorough coverage is extremely important. For spot treatment of individual weeds, apply the solution to the center of plant to the point of runoff.

The best results are obtained with young, actively growing weeds, less than 12 cm high. The product works best during warm and dry conditions, but also works in cold weather. Application in cold conditions may delay appearance of plant damage. If rain falls within three hours of treatment, an additional treatment may be required. Plant damage will be visible from a few hours to two days after the treatment.

Repeat treatment every two to three weeks to control new weeds growing from seed and re-growth from biennial and perennial weeds. Avoid spraying desirable plants. Thoroughly clean equipment after use.

**PRECAUTIONS:**

**KEEP OUT OF REACH OF CHILDREN.** Causes eye irritation. **DO NOT** get in eyes. May irritate the respiratory tract. Avoid inhaling spray mists. Use only in well ventilated areas.. May irritate the skin. Avoid contact with skin.

Wear a long-sleeved shirt, long pants, shoes and socks, chemical-resistant gloves, and goggles or face shield during mixing, loading, application, clean up and repair.

Apply only when the potential for drift to areas of human habitation or areas of human activity such as houses, cottages, schools, and recreational areas is minimal. Take into consideration wind speed, wind direction, temperature inversions, application equipment, and sprayer settings.

Individuals must not enter the treated area(s) until dry.

**ENVIRONMENTAL PRECAUTIONS:**

**TOXIC** to terrestrial plants and aquatic organisms.

**TOXICOLOGICAL INFORMATION:**

Treat symptomatically.

**FIRST AID:**

**IF SWALLOWED:** Call a poison control centre 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 centre or doctor. Do not give anything by mouth to an unconscious person.

**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 five minutes, and then continue rinsing eye. Call a poison control centre or doctor for treatment advice.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control centre or doctor for treatment advice.

**IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control centre or doctor for treatment advice.

Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

**DISPOSAL:**

1. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
2. Follow provincial instruction for any required additional cleaning of the container prior to its disposal.
3. Make the empty container unsuitable for further use.
4. Dispose of the container in accordance with provincial requirements.
5. For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

**NOTICE TO USER:** This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *Pest Control Products Act* to use this product in a way that is inconsistent with the directions on the label.