

(Sleeve)

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| GROUP | 11 | HERBICIDE |
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NUFARM

Amitrol 240
Liquid Herbicide

For use on spruce bareroot nursery stock.

AGRICULTURAL

READ THE LABEL AND ATTACHED BOOKLET BEFORE USING

GUARANTEE: Amitrole 231 g/L

REGISTRATION NO. 25684 PEST CONTROL PRODUCTS ACT

CAUTION POISON
WARNING: EYE IRRITANT

1-1000 L

Nufarm Agriculture Inc.
Suite 350, 2618 Hopewell Place NE
Calgary, Alberta T1Y 7J7
1-800-868-5444

24 Hour Emergency Response Number
1-800-424-9300

PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN. Harmful if swallowed. Causes irritation to eyes. Avoid contact with skin, eyes and clothing. Avoid breathing spray mist or vapours.

Potential skin sensitizer.

Not for use by homeowners or other uncertified users.

Do not use in residential areas. Residential areas are defined as sites where bystanders including children may be potentially exposed during or after spraying. This includes around homes, school, parks, playgrounds, playing fields, public buildings or any other areas where the general public including children could be exposed.

Wear goggles or a face shield and chemical resistant gloves when mixing/loading product and during clean up or repair activities. For good hygiene practice, wear a long sleeved shirt and long pants while handling product.

Do not spray or allow spray drift to contaminate crops in adjacent cropland as no chemical residue in crops is permitted. Do not spray or permit drift of spray on lawns, tomatoes, shrubs, flowers and other desirable vegetation. Coarse sprays are less likely to drift.

Do not use where run-off from treated areas may contact roots of desirable plants. Do not use in greenhouses. Do not contaminate fertilizers, seeds, insecticides or fungicides by improper storage. Do not store near food or feeds.

Store container away from stoves, radiators or any place where the temperature may reach 50°C. Do not store below 4°C. Do not spray near sparks or an open flame.

Do not allow spray solution to remain in sprayer any longer than necessary. Rinse all spray equipment with clean water immediately after use to prevent corrosion of metal parts. Do not use the same sprayer for other purposes unless thoroughly cleaned by rinsing all parts several times with water.

DO NOT APPLY BY AIR. **DO NOT** re-enter treated areas within 12 hours of application.

CAUTION: Do not graze the treated crops or weeds or cut for hay; sufficient data is not available to support such use.

FIRST AID

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 centre or doctor for treatment advice.

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.

INGESTION: 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.

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

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

TOXICOLOGICAL INFORMATION

No specific antidote. Employ supportive care. Treatment should be based on judgement of the physician in response to reactions of the patient.

DISPOSAL

For recyclable Containers:

Do not reuse this container for any purpose. This is a recyclable container, and is to be disposed of at a container collection site. Contact your local distributor/dealer or municipality for the location of the nearest collection site.

Before taking the container to the collection site:

1. Triple-or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
2. Make the empty, rinsed container unsuitable for further use.

If there is no container collection site in your area dispose of the container in accordance with provincial requirements.

For Returnable Containers:

Do not reuse this container for any purpose. For disposal, this empty container may be returned to the point of purchase (distributor/dealer).

For Returnable-Refillable Containers:

For disposal, this container may be returned to the point of purchase (distributor/dealer). It must be refilled by the distributor/dealer with the same product. Do not reuse this container for any other purpose.

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.

If container is damaged and/or contents spilled contact manufacturer for instructions. Wear protective clothing and impervious gloves before handling spills or damaged products. Do not allow spilled product to spread. Prevent entry into ditches and waterways. Cover spill with inert sweeping compound such as dry sand, clay or sawdust and place contaminated material into an approved waste container. Place damaged container into approved waste container and mark with contents.

ENVIRONMENTAL HAZARDS

Toxic to terrestrial plants, birds, mammals and aquatic organisms.

Do not contaminate any body of water. Use cautions to prevent spray, spray mist, or vapours from drifting off target. Spray drift may cause damage to crops or vegetation.

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. The user assumes the risk to persons or property that arises from any such use of this product.

(Booklet)

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GENERAL INFORMATION

Amitrol 240 Liquid Herbicide is most effective when sprayed on foliage of actively growing plants. Good coverage is essential for complete control. For good control of annual weeds spray early, usually before weeds are 10 cm in height.

Apply in at least 50 litres of water per hectare unless otherwise stated. Good coverage of the weed is essential for good control, ensure adequate water is used to obtain good coverage.

Apply Amitrol 240 Liquid Herbicide in the early morning or evening when the humidity is higher, for the best results. Avoid application when the daytime temperature exceeds 25⁰ C and when air conditions are very dry.

Avoid using rates higher than 20 litres/ hectare preplant in crop applications on very light soil with low organic matter. Crop damage may occur, particularly on sandy knolls.

Amitrol 240 Liquid Herbicide prevents plant chlorophyll development. Weeds usually turn white and die slowly, taking between 2-6 weeks for complete control.

Amitrol 240 Liquid Herbicide is inactivated in most soil and remains only in the root system of plant being controlled, thus it continues to affect shoots from the root until the entire plant is dead.

Amitrol 240 Liquid Herbicide is a non-selective herbicide at rates needed to control most perennial weeds. If used under desirable plants or trees, avoid contact with foliage, green stems or fruit since severe injury or destruction may result.

Do not apply more than twice per year.

DIRECTIONS FOR USE:

Field sprayer application: **DO NOT** apply during periods of dead calm. Avoid application of this product when winds are gusty. **DO NOT** apply with spray droplets smaller than the American Society of Agricultural Engineers (ASAE) medium classification. Boom height must be 60 cm or less above the crop or ground.

DO NOT apply by air.

Buffer zones:

For tank mixes, consult the labels of the tank-mix partners and observe the largest (most restrictive) buffer zone of the products involved in the tank mixture and apply using the coarsest spray (ASAE) category indicated on the labels for those tank mix partners.

Postapplication – Restricted Entry Intervals (REI)

Spruce bareroot (seedbeds): A REI of 4 days after application is required to perform postapplication activities in treated areas.

RESISTANCE-MANAGEMENT RECOMMENDATIONS

For resistance management, Amitrol 240 Liquid Herbicide is a Group 11 herbicide. Any weed population may contain or develop plants naturally resistant to Amitrol 240 Liquid Herbicide and other Group 11 herbicides. The resistant biotypes may dominate the weed population if these herbicides are used repeatedly in the same field. Other resistance mechanisms that are not linked to site of action, but specific for individual chemicals, such as enhanced metabolism, may also exist. Appropriate resistance-management strategies should be followed.

To delay herbicide resistance:

- Where possible, rotate the use of Amitrol 240 Liquid Herbicide or other Group 11 herbicides with different herbicide groups that control the same weeds in a field.
- Use tank mixtures with herbicides from a different group when such use is permitted.
- Herbicide use should be based on an IPM program that includes scouting, historical information related to herbicide use and crop rotation, and considers tillage (or other mechanical), cultural, biological and other chemical control practices.
- Monitor treated weed populations for resistance development.
- Prevent movement of resistant weed seeds to other fields by cleaning harvesting and tillage equipment and planting clean seed.
- Contact your local extension specialist or certified crop advisors for any additional pesticide resistance-management and/or integrated weed-management recommendations for specific crops and weed biotypes.
- For further information or to report suspected resistance, contact Nufarm Agriculture Inc. at 1 800 868-5444 or at www.nufarm.ca.

NOTE TO USER:

READ THE FOLLOWING BEFORE USING THIS PRODUCT FOR THE INDICATED SPECIAL USE APPLICATIONS:

The **DIRECTIONS FOR USE** for this product for the use(s) described below were developed by persons other than Nufarm Agriculture Inc. and accepted for registration by Health Canada under the User Requested Minor Use Label Expansion Program. Nufarm Agriculture Inc. itself makes no representation or warranty with respect to performance (efficacy) and/or crop tolerance (phytotoxicity) claims for this product when used on the

crop(s) listed below.

Accordingly, the Buyer and User assume all risks related to performance and crop tolerance arising, and agree to hold Nufarm Agriculture Inc. harmless from any claims based on efficacy and/or phytotoxicity in connection with the use described below.

DIRECTIONS: for use of Amitrol 240 Liquid Herbicide to control broadleaf weeds and grasses in Spruce bareroot nursery stock.

To be applied only on Spruce (not Pine, Tamarack or other evergreen species). Application can be made in the first year in seedbeds, but only after the seedlings have set bud, at a rate of 1.7 L/ha.

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