



Nufarm

Amitrol 240

Liquid Herbicide

AGRICULTURAL

GUARANTEE:

Amitrole 231 g/L

**READ THE LABEL AND ATTACHED
BOOKLET BEFORE USING**

Apply pre-planting to wheat, barley, canola,
field peas, corn, soybeans and whitebeans.

REGISTRATION NO. 25684
PEST CONTROL PRODUCTS ACT

CFPI Agro
28 boulevard Camelinat
92233 Gennevilliers
Cedex, France

Canadian Agent
Nufarm Agriculture Inc.
5507 1st Street SE
Calgary, Alberta T2H 1H9

24 Hour Emergency
Response Number
202-483-7616 Collect



CAUTION

POISON

WARNING: EYE IRRITANT

GENERAL INFORMATION

AMITROL 240 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 100 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 in the early morning or evening when the humidity is higher, for the best results. Avoid application when the daytime temperature exceeds 25° 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 prevents plant chlorophyll development. Weeds usually turn white and die slowly, taking between 2-6 weeks for complete control.

AMITROL 240 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 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.

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.

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

If on skin, wash thoroughly with soap and water.

If in eyes, flush immediately with clean water.

If swallowed, induce vomiting by touching the back of the throat with a finger or blunt object. Contact a physician or poison control centre at once taking container, label or product name and Pest Control Product Registration Number with you.

TOXICOLOGICAL INFORMATION:

No specific antidote. Employ supportive care. Treatment should be based on judgement of the physician in response to reactions of the patient. For further information consult the Material Safety Data Sheet.

DISPOSAL

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 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 PRECAUTIONS

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 control product is to be used only in accordance with the directions on this label. It is an offence under the Pest Control Products Act to use a control product under unsafe conditions.

NOTICE TO BUYER: Seller's guarantee shall be limited to the terms set out on the label and subject thereto. The buyer assumes the risk to persons or property arising from the use or handling of this product and accepts the product on that condition.

DIRECTIONS: WEEDS IN CROPPED AREAS

Amounts per hectare in 100-200 litres of water for ground application

CROP	FOR CONTROL OF	ACTIVE INGREDIENT	LITRES AMITROL 240
Preplanting corn, soybeans, whitebeans	Quackgrass, Canada thistle, broadleaf and annual weeds	3 - 4 kg	12.5 - 16.5
	dandelion & annual weeds	1 - 2 kg	4.2 - 8.4
Alfalfa renovation	established alfalfa stands	1 - 2 kg	4.2 - 8.4

WHEN TO APPLY : PRE-PLANT SPRAY : Apply AMITROL 240 when weeds are less than 10 cm tall and actively growing. Wait 10-14 days, then plant crop under no-till or conventional till. Note: Soybeans only may be planted 6 days after application at 1 kg/ha a.i. (4.2 litres of Amitrol 240/ha) Cultivate when corn, soybeans and white beans are 13 to 15 cm tall and again at lay-by to achieve maximum quackgrass and Canada thistle control.

CROP	FOR CONTROL OF	ACTIVE INGREDIENT	LITRES AMITROL 240
Wheat, barley, canola	dandelion & annual weeds	1 kg	4.2

WHEN TO APPLY: PRE-PLANT SPRAY: Apply Amitrol 240 up to 7 days before planting when weeds are less than 10 cm tall and growing actively.

CROP	FOR CONTROL OF	ACTIVE INGREDIENT	LITRES AMITROL 240
Field peas	dandelion & annual weeds	1 kg	4.2

WHEN TO APPLY: PRE-PLANT SPRAY: Apply Amitrol 240 up to 10-14 days before planting when weeds are less than 10 cm tall and growing actively.

TANK MIX:

Amitrol 240 may be tank mixed with Roundup or Pursuit to improve control of other weeds. Follow the directions on the Amitrol 240, Roundup or Pursuit labels for rates timing and use precautions

WEED	ACTIVE INGREDIENT	LITRES AMITROL 240
Dandelions & annual weeds	1 - 2 kg	4.2 - 8.4

CROP	FOR CONTROL OF	ACTIVE INGREDIENT	LITRES AMITROL 240
Post-harvest grain, peas, after final cutting of alfalfa and clover	Canada thistle, sow thistle	3 - 4 kg	12.5 - 16.5

WHEN TO APPLY : Spray AMITROL 240 when regrowth is 10-15 cm tall. Allow 2 weeks before working (cultivate) or otherwise disturbing thistle. Do not apply after heavy frost. (Generally after October 1)

Do not apply within 8 months of planting except:

- Soybean, corn, white bean (see pre-plant section of label).
- wheat, barley, canola, field peas (see pre-plant section of label)

CROP	FOR CONTROL OF	ACTIVE INGREDIENT	LITRES AMITROL 240
Apple orchards	Poison ivy, dandelion and suppression of grasses	2.25 - 3.25 kg	9.4 - 13.5

WHEN TO APPLY : Spray AMITROL 240 when dandelion and poison ivy leaves are fully developed up to 30 days before apple harvest. Use a low pressure sprayer and wet all ivy leaves and stems to ground line, direct spray to orchard floor, do not allow spray to contact the trunks or foliage of trees.

DIRECTIONS: PASTURES, SHELTERBELTS, NON-CROP LAND (ROADSIDES, FENCEROWS, DITCHBANKS)

Use lower rates in Eastern Canada and higher rates in Western Canada. Good coverage of the weed is essential for good control, ensure adequate water is used to obtain good coverage, ie 100-300 litres of water per hectare. Larger volumes of water may be used to obtain adequate coverage on certain species. If weeds are mature it may be advisable to cut and then spray the re-growth. If practical, till 2 to 3 weeks after treatments. If cultivation is not practical then spot treat where regrowth appears or re-spray with half original rate. Do not let livestock in treated area or eat treated vegetation. Do not disturb or mow treated plants for at least 3 weeks after treatment.

AREA	ACTIVE INGREDIENT	LITRES AMITROL 240
Shelterbelts	4.5 - 6.75 kg	18.75 - 28

WHEN TO APPLY: Use in established plantings only. Apply in 100-300 litres of water per hectare as directed spray to weed foliage. Do not allow spray to contact the trunks or foliage of shelterbelt plantings. Use a hooded sprayer if necessary.

TANK MIX FOR NON CROP AREAS:

Amitrol 240 may be tank-mixed with Roundup to improve control of Dandelion Horsetail and other weeds. Follow the directions on the Amitrol 240 and Roundup labels for rates, timing and use precautions.

DIRECTIONS WEEDS IN NON-CROPPED AREAS

WEED	ACTIVE INGREDIENT	LITRES AMITROL 240
Canada thistle, sow thistle	3 - 4 kg	12.5 - 16.5

WHEN TO APPLY: Apply AMITROL 240 when most thistles are in the early bud to bloom stage. Treated plants should not be mowed, but may be tilled 3 weeks later. Do not till infested areas during the fall or spring before treatments.

WEED	ACTIVE INGREDIENT	LITRES AMITROL 240
Quackgrass	3 - 4 kg	12.5 - 16.5

WHEN TO APPLY: Apply AMITROL 240 when growth is 10 - 15 cm in height. For best results, cultivate 3 weeks after treatment. This can be followed by planting fall wheat or rye.

WEED	ACTIVE INGREDIENT	LITRES AMITROL 240
Dandelion	1 - 3 kg	4.2 - 12.5

WHEN TO APPLY: Treat when weeds are young and actively growing. Tillage can occur 3 weeks after treatment but is not necessary.

WEED	ACTIVE INGREDIENT	LITRES AMITROL 240
Toadflax	4.5 - 6.75 kg	18.75 - 28

WHEN TO APPLY: Treat during advanced rosette to prebud stage. Till 3 weeks after treatment, when top growth is bleached. Spot treat any regrowth the following year.

WEED	ACTIVE INGREDIENT	LITRES AMITROL 240
Milkweed	4.5 - 6.75 kg	18.75 - 28

WHEN TO APPLY: Spray in early summer when a majority of shoots have emerged. Spot treat any regrowth the following year.

WEED	ACTIVE INGREDIENT	LITRES AMITROL 240
Hoary Cress	4.5 - 6.75 kg	18.75 - 28

WHEN TO APPLY: Spray during advanced rosette and bud stages. Treated area should not be mowed. If necessary retreat with one half the original rate when resprouts are 10 to 15 cm tall.

WEED	ACTIVE INGREDIENT	LITRES AMITROL 240
Leafy Spurge	9 - 11 kg	37.5 - 45.75

WHEN TO APPLY: Spray between the advanced flowering and early seed development stage. Treated areas should not be mowed but may be plowed after top growth is bleached. Spot treat regrowth the following year.

WEED	ACTIVE INGREDIENT	LITRES AMITROL 240
Horsetail	3 - 4 kg	12.5 - 16.5

WHEN TO APPLY: Spray when horsetail is growing vigorously. Usually when 10-15 cm in height.

WEED	ACTIVE INGREDIENT	LITRES AMITROL 240
Cattails	9 - 11 kg	37.5 - 45.75

WHEN TO APPLY: Apply after catkins are fully formed and up to frost. Do not disturb sprayed plant. Do not apply where water will be used for irrigating, drinking or other domestic uses. Do not apply where water is not wholly confined to users property.

WEED	ACTIVE INGREDIENT	LITRES AMITROL 240
Poison ivy, poison oak	2.25 kg	9.25

WHEN TO APPLY: Apply in 500 to 1000 litres of water per hectare as an overall spray or as a spot treatment. Apply anytime after foliage is fully developed in spring until plant begin to turn color in the fall. Spray thoroughly, wet leaves, stems and suckers to ground line.

DIRECTIONS SPOT TREATMENT FOR PASTURE AND NON-CROP LAND

WEED	ML OF AMITROL 240 PER 10 L OF WATER FOR SPOT TREATMENT OF 100 SQUARE METRES.
Dandelion, Canada thistle, sow thistle, hoary cress, milkweed, poison ivy and toadflax.	165
Horsetail, leafy spurge, quackgrass and most other weeds	460

REMARKS :

Thoroughly wet all leaves and stems of weeds, treating at the previously stated stage. Repeat applications when new growth appears. Do not let livestock eat treated vegetation. Keep livestock off treated area until weeds are dead and new growth has emerged.

NOTE TO BUYER/USER:

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

The **DIRECTIONS FOR USE** for Spruce Barefoot Nursery Stock were developed by persons other than CFPI and accepted for registration by the Pest Management Regulatory Agency under the User Requested Minor Use Label Expansion Program. CFPI itself makes no representation or warranty with respect to performance (efficacy) and/or crop tolerance (phytotoxicity) claims for this product when used on Spruce Barefoot Nursery Stock.

Accordingly, the Buyer and User assume all liability arising, and agree to hold CFPI harmless from any claims based on efficacy and/or phytotoxicity in connection with the use described for Spruce Barefoot Nursery Stock.

DIRECTIONS: For use of Amitrol 240 to control broadleaf weeds and grasses in Spruce barefoot nursery stock.

To be applied only on Spruce (not Pine, Tamarack or other evergreen species). Application can be made in the first year in either seedbed or transplants, but only after the seedlings have set bud, at a rate of 1.7 L/ha. For actively growing seedlings or transplant barefoot Spruce beyond the first year of growth, the rate may be increased to 3.0 L/ha and this may be applied at any stage of growth. **CAUTION** - Avoid the period of rapid shoot elongation in the spring. Use 200-500 L/ha of water and spray when weeds are 10 to 15 cm tall and actively growing.

