

CAUTION

KEEP OUT OF REACH OF CHILDREN
READ SAFETY DIRECTIONS BEFORE OPENING OR USING

Nufarm

Amitrole T

Herbicide

ACTIVE CONSTITUENTS:

250 g/L AMITROLE

220 g/L AMMONIUM THIOCYANATE

GROUP	Q	HERBICIDE
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For the control of weeds in orchards, vineyards, irrigation ditches and drains, eucalyptus and pine plantations, roadsides, pre-plant wheat and barley, and for general industrial situations.

READ COMPLETE DIRECTIONS FOR USE BEFORE USING THIS PRODUCT.

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APVMA Approval No.: 31236/ 0709

DIRECTIONS FOR USE**RESTRAINTS:**

DO NOT apply if rain is expected within 6 hours of application

Crop use or Situation	Weeds Controlled	Weed Stage	Rate	Critical Comments
Weed control prior to Crop or Pasture Establishment with seeder fitted with knife points and preferably press wheels Winter Crops Canola Cereals (Wheat, Barley, Oats, Rye, Triticale) Field peas Pastures Sub clover Lucerne Medic	Annual ryegrass <i>Lolium rigidum</i> , Wild oats <i>Avena spp</i>	2-3 leaf, to 5cm high 3-6 leaf, to 10cm high	2.8L/ha 5.6L/ha	Good coverage is essential for optimum weed control. Pre-planting: Cereals can be sown immediately after application. Sow cereal seed at least 5 cm deep. Canola can be sown immediately after application of the 2.8L/ha rate. Delay seeding until 5 days after application of the 5.6L/ha rate. Sub clover, medic and lucerne - delay seeding until 5 days after application. Winter pulses: Field peas can be sown a minimum of 2 days after application at an application rate of 2.8L/ha. Delay seeding until 5 days after application of 5.6L/ha. Use seeding equipment that results in minimal soil disturbance but which removes treated soil from above the seeding row. A seeder fitted with knife points and press wheels is preferred. Disc seeders are not preferred because treated soil throw may be inadequate. Bleaching of isolated crop leaves may be seen after emergence but this is usually scattered and does not affect overall crop vigour. Light sandy soils and/or heavy rain falling soon after application may increase the likelihood of bleaching happening.
Fallow Establishment and Maintenance and Weed control prior to Crop Establishment Summer Crops Cotton Mungbeans Sorghum	Flaxleaf fleabane <i>Coryza bonariensis</i> Bladder ketmia <i>Hibiscus trionum</i> Dwarf amaranth <i>Amaranthus macrocarpus</i> Volunteer cotton (conventional and Roundup Ready) <i>Gossypium hirsutum</i> Yellow vine / Caltrop <i>Tribulus micrococcus</i>	2cm rosette-budding/ early flowering Cotyledon- 8 leaf Cotyledon- 8 leaf Cotyledon- 8 nodes Up 120cm vines	4.3-5.6L/ha	Apply from rosette to budding / early flowering. Later applications will be less effective. More reliable control may be achieved with higher rates. Do not apply to plants stressed by high temperatures and /or low soil moisture. Apply in 50-100L/ha water. Use of the higher water volume may give better results. The addition of 0.25% LI700 may improve results. Tank mix with Roundup CT or Roundup PowerMAX if grass weeds are present or to broaden the weed spectrum. Cotton, mungbeans and sorghum can be sown immediately after application with normal seeding equipment.

Crop use or Situation	Weeds Controlled	Weed Stage	Rate	Critical Comments
				Bleaching of isolated crop leaves may be seen after emergence but this is usually scattered and does not affect overall crop vigour. Light sandy soils and/or heavy rain falling soon after application may increase the likelihood of bleaching happening.
Situation & Crop	Weeds Controlled	State	Rate	Critical Comments
Vineyards and Orchards	Broadleaf weeds and grasses	All States	4-12L/ha	Apply when weeds are small and making active growth. Repeat application may be necessary in 6-8 weeks. Apply as directed spray to weeds only. Use higher rates for larger or more tolerant weeds.
	Marshmallow, Common Storksbill		4-8L/ha plus 1-2L/ha Weedmaster® Duo or Roundup® Biactive	For improved control of tillered annual grasses. DO NOT apply as a spray near trees or vines less than 3 years old, unless they are effectively shielded from spray and spray drift.
			6-8L/ha plus 1.5-2L/ha –Weedmaster Duo or Roundup Biactive	DO NOT allow spray or drift to contact green bark or stems, canes, laterals, suckers, fresh wounds, foliage or fruit.
Aquatic areas Drains and Channels; Margins of streams, lakes and dams	Cumbungi, Phragmites and Nutgrass	All States	2.3L/100L water	Apply during flowering period between January and May. Re-treatment of Nutgrass will be necessary.
	Water couch		4.5L/100L water 2.2L/100L water	Apply as a single treatment between February and May. Apply in November to December with a further application at the same rate 6-8 weeks later.
	Water Hyacinth		280mL/100L water	Apply immediately prior to flowering.
Pinus radiata Plantations pre-planting post-planting second season, applied as a directed or over-the-top spray	Grasses and broadleaf weeds	NSW, SA, WA, Tas, Vic only	2-3L/ha plus 3.3-7.5L/ha Nu-trazine 600 or 2.2-5kg/ha Nutrazine 900 DF	Apply the tank mixture not more than 2 weeks prior to planting. The addition of Weedmaster Duo or Credit + Bonus is recommended for improved control of grasses.
			2-3L/ha plus 7.5L/ha Nu-trazine 600 or 5kg/ha Nutrazine 900 DF	Spray small weeds that are actively growing. Over-the-top application may result in short-term transient damage to tips.
Eucalyptus and Corymbia Plantations post-planting second season, applied as a directed spray	Grass and broadleaf weeds	All States	2-3L/ha in tank mix with Mako and/or Simazine	For broad-spectrum weed control and to improve control of grasses use only in commonly accepted tank mix prescriptions with simazine and/or Mako as a directed spray. Direct contact of spray with trees may cause short-term transient damage. Spray small weeds that are actively growing. If required apply a maximum of two applications at least 2 months apart. Tank mixes with Mako should not be applied to alkaline soils. DO NOT use as a standalone application. For Capeweed use 6L/ha.
Non-crop areas around buildings Commercial and Industrial areas Domestic and Public Service areas, Right-of ways	Blackberry	Vic, Tas, SA only	2L/100L water	Apply twice. First treatment December to January and regrowth sprayed in autumn. Re-spraying in the following year is essential. DO NOT apply to blackberry bushes carrying mature or developing fruit.
	Furze or Gorse, Ox-eye daisy			Apply during summer or before full flowering. Re-spraying will be necessary.
	Tree Pears (<i>Opuntia spp</i>)	Qld only	1mL injected into cuts at 3cm spacings around the lower trunks of mature plants	Tree pears may take up to 12 months to die. Respraying may be necessary in some cases.
			Apply a mix of 1 part Amitrole T in 25 parts water liberally to small plants and regrowth.	Tall plants may be lopped before spraying. Apply the spray liberally over the entire plant and on adjacent soil.
	Fennel, Hoary Cress, African Daisy, Apple of Sodom, Illyrian Thistle	Vic, Tas, SA only	1.1L/100L water	Apply when weeds are actively growing, immediately prior to flowering.
Russian (creeping) Knapweed, Watsonia, Artichoke Thistle, Prairie ground cherry, Onion weed, Khakiweed, Docks, Heliotrope, Chilean Cestrum (Green Cestrum), Oxalis (Soursob), Couch, Kikuyu, Fog grass, Sorrel	All States	1.1L/100L water	Apply when weeds are actively growing, immediately prior to flowering. Respraying will be necessary to destroy regrowth and seedlings.	
Potatoes pre-harvest preparation	Ryegrass, Winter grass, Capeweed, Paterson's Curse	Vic, Tas only	5.5-11L/ha	Apply approximately 4 to 5 weeks before harvest after the potato haulms have dried off. Use the higher rates when rye grass in clumps or other weeds more than 30 cm high is present. For boom spraying apply at least 100 Litres of spray mixture per hectare. If other broadleaf weeds such as Clovers, Variegated Thistle and Cruciferous weeds are also present add Nufarm Low Volatile Ester 400 Herbicide. Warning: If used on sandy soils do not plant follow-up crops within 3 months.

NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER, CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION.

WITHHOLDING PERIOD:

ORCHARDS AND VINES - DO NOT APPLY LATER THAN 56 DAYS BEFORE HARVEST.

OTHER CROPS: NOT REQUIRED WHEN USED AS DIRECTED.

GENERAL INSTRUCTIONS

Before opening, carefully read Safety Directions, First Aid Instructions, Directions For Use, Storage and Disposal and Protection Statements.

RESISTANT WEEDS WARNING

GROUP	Q	HERBICIDE
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Amitrole T Herbicide is a member of the triazole group of herbicides. Amitrole T has the inhibitors of carotenoid biosynthesis mode of action. For weed resistance management, Amitrole T is a Group Q herbicide.

Some naturally-occurring weed biotypes resistant to Amitrole T and other Group Q herbicides may exist through normal genetic variability in any weed population. The resistant individuals can eventually dominate the weed population if these herbicides are used repeatedly. These resistant weeds will not be controlled by Amitrole T and other Group Q herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, Nufarm Australia Limited accepts no liability for any losses that may result from the failure of this product to control resistant weeds.

APPLICATION INFORMATION

Use recommended rates of Amitrole T in 100 to 500L of clean water per hectare using booms or directed nozzles. Use higher water rates for denser weed swards. When using knapsack equipment apply 900 to 1100L per hectare (1L/10m²).

MIXING INSTRUCTIONS

To improve the efficiency of Amitrole T, it is recommended that LI700 or Activator be added to the spray mixture at 0.1% (100mL/100L). LI 700 or Activator are not required when tank mixing with Nufarm Credit® + Bonus®, Weedmaster® Duo or Roundup® Biactive.

COMPATIBILITY

Amitrole T is physically compatible with the following products. Weedmaster® Duo, Credit® + Bonus®, Roundup® Biactive, Roundup®CT, Roundup PowerMAX®, Amicide® 625, Nu-trazine 900DF, Nu-trazine 600, Simazine 900DF, Simazine Flowable, Diuron 900DF, Diuron Flowable, Bromicide 200, Nuquat 250TM, Propon®, Striker® and sulfometuron-methyl.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

DO NOT contaminate streams, rivers or waterways with the chemical or used containers.

PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

Drift Warning

This product is a non selective herbicide and may damage crops, pastures and some ornamentals. However it is safer to use near plants susceptible to phenoxy type herbicides. Spray drift may occur under adverse meteorological conditions or from certain spray equipment. DO NOT allow spray to drift onto sensitive areas including, but not limited to, susceptible plants/crops, cropping land, pasture, natural streams, rivers, wetlands or waterways and human dwellings.

Equipment Maintenance and Usage

DO NOT use the spray machine for any other purpose unless thoroughly cleaned by cleaned by several rinsings of all parts with clean water.

STORAGE AND DISPOSAL

Store in the closed, original container in a cool, well-ventilated area. DO NOT store for prolonged periods in direct sunlight. Triple or preferably pressure rinse containers before disposal. Add rinsings to spray tank. DO NOT dispose of undiluted chemicals on-site. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, break, crush or puncture and bury empty containers in a local authority landfill. If no landfill is available, bury the containers below 500 mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should NOT be burnt.

Refillable Containers:

Empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage.

Envirodrum 110 L Mini Bulk Returnable Container:

Store in original sealed Envirodrum in a cool, well ventilated area. DO NOT store for prolonged periods in direct sunlight. DO NOT tamper with the Micro Matic valve or the security seal. DO NOT contaminate the Envirodrum with water or any other foreign matter. After each use of the product, please ensure that the Micro Matic coupler, delivery system and hoses are disconnected, triple rinsed with clean water and drained accordingly. When the contents of the Envirodrum have been used, please return the empty Envirodrum to the point of purchase. The Envirodrum remains the property of Nufarm Australia Limited.

SAFETY DIRECTIONS

DO NOT inhale spray mist. After use and before eating, drinking or smoking wash hands, arms and face thoroughly with soap and water.

FIRST AID

If poisoning occurs, contact a Doctor or Poisons Information Centre Phone Australia 13 11 26.

MATERIAL SAFETY DATA SHEET

For further information refer to the Material Safety Data Sheet (MSDS), which can be obtained from your supplier or from the Nufarm website –

www.nufarm.com.au

In case of emergency: Phone 1800 033 498 Ask for shift supervisor. Toll free 24 hours.

CONDITIONS OF SALE

"Any provisions or rights under the Trade Practices Act 1974 or relevant state legislation which cannot be excluded by those statutes or by law are not intended to be excluded by these conditions of sale. Subject to the foregoing, all warranties, conditions, rights and remedies, expressed or implied under common law, statute or otherwise, in relation to the sale, supply, use or application of this product, are excluded. Nufarm Australia Limited and/or its

affiliates ("Nufarm") shall not accept any liability whatsoever (including consequential loss), or howsoever arising (including negligence) for any damage, injury or death connected with the sale, supply, use or application of this product except for liability which cannot be excluded by statute."

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