# 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**

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.: 31236/59288

**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<br><br>Winter Crops<br>Canola,<br>Cereals (Wheat, Barley, Oats, Rye, Triticale)<br>Faba beans<br>Field peas<br>Lupins<br><br>Pastures<br>Sub. clover<br>Lucerne<br>Medic | Annual ryegrass *Lolium rigidum*,<br>Wild oats *Avena spp* | 2-3 leaf, to 5cm high<br>3-6 leaf, to 10cm high | 2.8L/ha<br>5.6L/ha | Good coverage is essential for optimum weed control.<br>Pre-planting:<br>Cereals can be sown immediately after application. Sow cereal seed at least 5 cm deep.<br>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.<br>Sub. clover, medic and lucerne - delay seeding until 5 days after application.<br>Winter pulses: Faba beans, Field peas and lupins 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.<br>Use seeding equipment that results in minimal soil disturbance but which removes treated soil from above the seeding row. A seeder fitted with knifepoints and press wheels is preferred. Disc seeders are not preferred because treated soil throw may be inadequate.<br>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. |
| | Volunteer canola (*Brassica napus*) including Roundup Ready* varieties | 4 leaf | 2.8L/ha | |
| | | 6 leaf | 5.6L/ha | |
| Fallow Establishment and Maintenance<br>and<br>Weed control prior to Crop Establishment<br><br>Summer Crops<br>Cotton<br>Mung beans<br>Sorghum | Flaxleaf fleabane *Conyza bonariensis* | 2cm rosette-budding/ early flowering | 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.<br>Apply in 50-100L/ha water. Use of the higher water volume may give better results. The addition of 0.25% LI 700® may improve results. Tank mix with Roundup® DST or Roundup® Attack if grass weeds are present or to broaden the weed spectrum.<br><br>Cotton, mung beans and sorghum can be sown immediately after application with normal seeding equipment.<br>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. |
| | Bladder ketmia *Hibiscus trionum* | Cotyledon- 8 leaf | | |
| | Dwarf amaranth *Amaranthus macrocarpus* | Cotyledon- 8 leaf | | |
| | Volunteer cotton (conventional and Roundup Ready*) *Gossypium hirsutum* | Cotyledon- 8 nodes | | |
| | Yellow vine / Caltrop *Tribulus micrococcus* | Up 120cm vines | | |

| 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. |
| | | | 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. DO NOT allow spray or drift to contact green bark or stems, canes, laterals, suckers, fresh wounds, foliage or fruit. |
| | Marshmallow, Common Storksbill | | 6-8L/ha plus 1.5-2L/ha – Weedmaster Duo or Roundup Biactive | |
| 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<br>2.2L/100L water | Apply as a single treatment between February and May.<br>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, Pinus pinaster* and Southern Pine 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 | 2L/ha plus 3.3-7.5L/ha Nu-trazine 600 or 2.2-5kg/ha Nu-trazine 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. |
| | | | 2L/ha plus 7.5L/ha Nu-trazine 600 or 5kg/ha Nu-trazine 900 DF | Spray small weeds that are actively growing. Over-the-top application may result in short-term transient damage to tips. |
| | Fleabane *Conyza canadensis* | | 1L/ha plus 0.2%v/v Pulse® Penetrant | Maximum height for fleabane is 15cm. Apply with a broadcast spray over-the-top. |
| *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 stand alone 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 *(Opuntia spp)* | Qld only | 1mL injected into cuts at 3cm spacings around the lower trunks of mature plants. Apply a mix of 1 part Amitrole T in 25 parts water liberally to small plants and regrowth. | Tree pears may take up to 12 months to die. Respraying may be necessary in some cases. 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, Khaki weed, 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 ryegrass in clumps or other weeds more than 30cm high is present. For boom spraying apply at least 100L of spray mixture per hectare. If other broadleaf weeds such as Clovers, Variegated thistle and Cruciferous weeds are also present add Nufarm Estercide® Xtra 680 Herbicide. ***Warning: If used on sandy soils DO NOT plant follow-up crops within 3 months.*** |

**OPTICAL SPOT SPRAY TECHNOLOGIES**
**Note Calibrate the sprayer to spray the equivalent of 100L/ha**
**For weed cover between 0 and 30%. If percentage weed cover exceeds 30% use approved boom spray rates.**

| SITUATION | WEEDS | RATES | CRITICAL COMMENTS |
|---|---|---|---|
| Fallow | Fleabane | 5 - 8L/100L | Apply to rosette to flowering plants. Use higher rate on late flowering/mature plants or plants under moisture stress. Check plant back windows before use. |
| | Caltrop (Yellow vine) | 5 - 10L/100L | |
| | Sowthistle | | |

## 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**

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 100-500L of clean water per hectare using booms or directed nozzles. Use higher water rates for denser weed swards. When using knapsack equipment apply 900-1100L per hectare (1L/10m$^2$).

**MIXING INSTRUCTIONS**
To improve the efficiency of Amitrole T, it is recommended that LI 700 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* DST, Roundup* Attack™, Amicide® 625, Amicide® Advance 700, Nu-trazine 900DF, Nu-trazine 600, Simazine 900DF, Simazine Flowable, Diuron 900DF, Diuron Flowable, Nuquat® 250, 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 several rinsings of all parts with clean water.

**STORAGE AND DISPOSAL**
***(15L)***
Store in the closed, original container in a dry, cool, well-ventilated area out of direct sunlight. Triple or preferably pressure rinse inner bladder before disposal. Add rinsings to spray tank. DO NOT dispose of undiluted chemicals on site. If recycling, replace cap and return clean packaging to recycler or designated collection point. If not recycling, deliver empty packaging to an approved waste management facility. If an approved waste management facility is not available bury the empty packaging 500mm below the surface in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots, in compliance with relevant Local, State or Territory government regulations. DO NOT burn empty containers or product.
***(5L, 20L, 200L)***
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, triple rinse, break, crush or puncture and deliver empty packaging for appropriate disposal at an approved waste management facility. If an approved waste management facility is not available bury the empty packaging 500mm below the surface in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots, in compliance with relevant Local, State or Territory government regulations. Empty containers and product must NOT be burnt.
***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.

***Refillable Containers (1000L)***

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

**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 Competition and Consumer Act 2010 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."

Nufarm Australia Limited.
ACN 004 377 780
103-105 Pipe Road
Laverton North Victoria 3026
Tel: (03) 9282 1000,
Fax: (03) 9282 1001

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