

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



# Troll®

BROAD SPECTRUM  
KNOCKDOWN HERBICIDE



**ACTIVE CONSTITUENT: 250 g/L AMITROLE  
220 g/L AMMONIUM THIOCYANATE**

**GROUP 34 HERBICIDE**

For the Control of Weeds in Orchards, Vineyards, Irrigation Ditches and Drains, Roadsides, Wheat and Barley, and for General Industrial Situations as per the Directions for Use

**IMPORTANT: READ THIS LEAFLET BEFORE USING THIS PRODUCT**

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APVMA Approval No:  
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# WEED FORCE TROLL BROAD SPECTRUM KNOCKDOWN HERBICIDE

## DIRECTIONS FOR USE

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**DIRECTIONS FOR USE**

**TABLE 1 - Vineyards, Orchards, Potatoes & Forestry**

Crop / Situation	Weeds Controlled	State	Rate / ha	Critical Comments
Vineyards and Orchards	Couch Grass	All states	1.1 L/100 L water	Apply when weeds are small and actively growing. Repeat application in 6 - 8 weeks. Apply as a directed spray to weeds only
	Broadleaf Weeds and Grasses		570 mL/100 L water	
Potatoes Pre- Harvest Preparation	Rye Grass, Winter Grass, Capeweed, Paterson's Curse	Vic, Tas only	5.5 - 11 L	Apply approximately 4 - 5 weeks before harvest after the potato haulms have dried off. Use the higher rates when rye grass is in clumps or other weeds more than 30 cm high are 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 a registered Low Volatile Ester 400 2,4-D herbicide. <b>Warning: If used on sandy soils do not plant follow-up crops within 3 months.</b>
Pinus radiata Plantations	Rye Grass, Wild Oats, Yorkshire Fog Grass, Silver Grass, Sand Brome, Capeweed, Clovers, Mouse-ear Chickweed, Sowthistle and Spear Thistle seedlings	NSW, SA, WA, Tas, Vic only	5.6 – 8 L/ha plus 2.8 – 4 L/ha flowable atrazine (500 g/L)	Use highest rates where grasses are a problem. Spray evenly. <b>Pre-planting:</b> Graze area heavily and apply the tank mixture not more than 2 weeks before planting. <b>Post-planting:</b> Apply tank mixture immediately after or within one month of planting. <b>DO NOT</b> spray pine seedlings by using a directed spray.

**TABLE 2 - Non-crop/Commercial & Industrial areas, Aquatic areas, Drains & Channels**

Crop / Situation	Weeds Controlled	State	Rate / ha	Critical Comments
Non-crop areas around Buildings, Commercial and Industrial areas, Domestic and Public Service areas, Right-of-Way	Blackberry	Vic, Tas, SA only	2 L/100 L water	Apply twice. First treatment in December or January and regrowth sprayed in autumn.  Respraying in the following year is essential.  <b>DO NOT</b> apply to blackberry bushes carrying mature or developing fruit.
	Furze or Gorse, Ox-eye Daisy			Apply during summer or before full flowering. Respraying will be necessary.
	Fennel, Hoary Cress, African Daisy, Apple of Sodom, Illyrian Thistle			Apply when weeds are actively growing, immediately prior to flowering.
	Russian (creeping) Knapweed, Watsonia, Artichoke Thistle, Prairie Ground Cherry, Onion Weed, Khaki Weed, Chilean Cestrum (Green Cestrum), Oxalis (Soursob), Couch, Kikuyu, Fog Grass, Sorrel			All states
Aquatic Areas Drains and Channels, Margins of Streams, Lakes and Dams	Cumbungi, Phragmites and Nutgrass	All states	2.3 L/100 L water	Apply during flowering period between January and May.  Re-treatment of Nutgrass will be necessary.
	Water Couch		4.5 L/100 L water	Apply as a single treatment between February and May.
			2.2 L/100 L water	Apply in November to December with a further application at the same rate 6 - 8 weeks later.
	Water Hyacinth		280 mL/100 L water	Apply immediately prior to flowering.

**TABLE 3 - Wheat & Barley**

Crop / Situation	Weeds Controlled	State	Rate / ha	Critical Comments
Wheat and Barley	Rye Grass, Wild Oats	All states		Pre-planting. Sow the crop at a depth of 5 cm not less than 5 days after spraying.  A mechanical cultivation 4 to 5 days after spraying will assist results.
			2.8 L	Apply when grasses are in the 2 - 3 leaf stage and 5 cm high.
			5.6 L	Apply when grasses are in the 6-leaf stage and 10 cm high. <b>DO NOT</b> use on sandy soils in cropping situations.

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

**WITHOLDING PERIODS**

**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.

**APPLICATION INFORMATION**

Thoroughly wet all surfaces by aiming to apply 1700 - 2200 L/ha with power spraying equipment, 900 - 1100 L/ha (1 litre per 10m<sup>2</sup>) using a knapsack and 170 L/ha when using a misting machine.

**Note: Misting machines are not recommended for use in Tasmania.**

**MIXING INSTRUCTIONS**

To improve the efficiency of this product it is recommended that a surfactant (eg Weed Force Sidekick wetting agent) be added to the spray mixture at the following rates:

Power Spraying: 250 mL/100 L spray mixture

Knapsack Spraying: 5 mL/15 L knapsack

Misting Machine: 60 mL/15 L spray mixture (Not recommended in Tasmania)

**Note:** The rates indicated in the Directions for Use table are per 100 L of water for power spraying. Refer to the chart below for the required amounts to suit other equipment.

**CONVERSION CHART FOR RECOMMENDATIONS TO SUIT VARIOUS EQUIPMENT**

Recommended Rate per 100 L of water	Per 15L of knapsack	Per 5L Misting
4.5 L	1.1 L	1.3 L
2.2 L	570 mL	630 mL
2.0 L	510 mL	560 mL
1.7 L	430 mL	480 mL
1.1 L	280 mL	310 mL
570 mL	110 mL	120 mL
280 mL	55 mL	60 mL

**COMPATIBILITY**

Weed Force Troll Broad Spectrum Knockdown Herbicide is physically compatible with the following products: Evict Bio 360, Evict Bio 510, Groundkeeper, 2,4-D Amine 625, Atrazine 900 WG and 600 SC, Simazine 500 SC and 900 WG Diuron 900 WG and 500 SC, oxyfluorfen 240, paraquat 250.

**RESISTANT WEEDS WARNING**

GROUP	34	HERBICIDE
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Weed Force Troll Broad Spectrum Knockdown Herbicide is a member of the triazole group of herbicides. Weed Force Troll Broad Spectrum Knockdown Herbicide has the inhibitors of carotenoid biosynthesis mode of action. For weed resistance management Weed Force Troll Broad Spectrum Knockdown Herbicide is a Group 34 herbicide. Some naturally occurring weed biotypes resistant to Weed Force Troll Broad Spectrum Knockdown Herbicide and other Group 34 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. The effectiveness of Weed Force Troll Broad Spectrum Knockdown Herbicide on resistant individuals could be significantly reduced. Since the occurrence of resistant weeds is difficult to detect prior to use, Weed Force Pty Ltd accepts no liability for any losses that may result from the failure of Weed Force Troll Broad Spectrum Knockdown Herbicide to control resistant weeds. Weed Force Troll Broad Spectrum Knockdown Herbicide may be subject to specific resistance strategies. For further information contact your local supplier, Weed Force representative or local Department of Agriculture agronomist.

#### **PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT**

DO NOT contaminate streams, rivers or watercourses 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. DO NOT apply under weather conditions or from spraying equipment that may cause spray to drift onto nearby susceptible plants/crops, cropping lands or pastures.

**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**

Store in the closed, original container in a cool, well-ventilated area. Do not store for prolonged periods in direct sunlight.

Triple-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 deliver empty packaging for appropriate disposal to an approved waste management facility. If an approved waste management facility is not available, bury the empty packaging 500 mm 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.

#### **For refillable containers (1000L)**

Store the closed original container in a cool, well-ventilated area. Do not store for prolonged periods in direct sunlight. Empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage.

##### 110 L Mini Bulk Returnable Container

Store in original sealed 110 L Mini Bulk in a cool, well ventilated area. DO NOT store for prolonged periods in direct sunlight. DO NOT tamper with the MicroMatic valve or the security seal. DO NOT contaminate the 110 L Mini Bulk with water or any other foreign matter. After each use of the product, please ensure that the MicroMatic coupler, delivery system and hoses are disconnected, triple rinsed with clean water and drained accordingly. When the contents of the 110 L Mini Bulk have been used, please return the empty 110 L Mini Bulk to the point of purchase. The 110 L Mini Bulk remains the property of Weed Force Pty Ltd.

#### **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; New Zealand 0800 764 766.

#### **SAFETY DATA SHEET (SDS)**

The SDS contains important information relating to health and safety. This product should be used in conjunction with information on the SDS and users are advised to read the SDS before using this product. The most up to date SDS can be obtained from [www.weedforce.com.au](http://www.weedforce.com.au)

#### **CONDITIONS OF SALE**

To the extent permitted by law, all conditions and warranties and statutory or other rights or action which buyer or any other user may have against Weed Force Pty Ltd ("Weed Force") or Seller are hereby excluded. Weed Force hereby gives Notice to Buyer and other users that it will not accept responsibility for any direct, indirect or consequential loss however arising (including negligence) from the sale, supply, use or application of this product or reliance on product information or advice provided by Weed Force or on its behalf. No warranty expressed or implied is given by Weed Force regarding its suitability or efficiency for any purpose for which it is used by the buyer, whether in accordance with the directions or not. Weed Force's liability shall, in all circumstances, be limited to replacement of the product or a refund of the purchase price paid therefor.



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