

Product Name: Apparent Troller Herbicide  
APVMA Approval No: 85542 / 113559



Label Name:	Apparent Troller Herbicide
Signal Headings:	CAUTION KEEP OUT OF REACH OF CHILDREN READ SAFETY DIRECTIONS BEFORE OPENING OR USING
Constituent Statements:	ACTIVE CONSTITUENTS: 250 g/L AMITROLE 220 g/L AMMONIUM THIOCYANATE
Mode of Action:	GROUP <b>Q</b> HERBICIDE
Statement of Claims:	For the control of weeds in Orchards, Vineyards, Irrigation Ditches and Drains, Roadsides, Wheat and Barley, and for general industrial situations as specified the Directions for Use table.
Net Contents:	CONTENTS: 5 – 1000 Litre
Restraints:	
Directions for Use:	
Other Limitations:	
Withholding Periods:	WITHHOLDING PERIODS Orchards and Vines: DO NOT APPLY LATER THAN 56 DAYS BEFORE HARVEST. Other Crops: NOT REQUIRED WHEN USED AS DIRECTED.

Trade Advice:	
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General Instructions:	
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Resistance Warning:	<p><b>HERBICIDE RESISTANCE WARNING GROUP Q HERBICIDE</b></p> <p>Apparent Troller Herbicide is a member of the triazole group of herbicides. Apparent Troller Herbicide has the inhibitors of carotenoid biosynthesis mode of action. For weed resistance management, Apparent Troller Herbicide is a Group Q herbicide.</p> <p>Some naturally occurring weed biotypes resistant to Apparent Troller Herbicide 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 Apparent Troller Herbicide and other Group Q herbicides.</p> <p>Since the occurrence of resistant weeds is difficult to detect prior to use, Apparent Pty Ltd accepts no liability for any losses that may result from the failure of this product to control resistant weeds. Apparent Troller Herbicide may be subject to specific resistance management strategies. For further information contact your local supplier or Apparent Pty Ltd representative or local Department of Agriculture Agronomist.</p>
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Precautions:	
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Protections:	<p><b>PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT</b> DO NOT contaminate streams, rivers or waterways with chemical or used containers.</p> <p><b>PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS</b> Drift Warning: Apparent Troller Herbicide 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.</p> <p>Equipment Maintenance and Usage DO NOT use the spray machine for any other purposes unless thoroughly cleaned by several rinsings of all parts with clean water.</p>
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Storage and Disposal:	<p><b>STORAGE AND DISPOSAL</b> Store in the closed, original container in a cool, well-ventilated area. DO NOT store for prolonged periods in direct sunlight.</p> <p>Triple or preferably pressure rinse containers before disposal. Add rinsings to spray tank. DO NOT dispose of undiluted chemicals on site. If not recycling, break, crush, or puncture and deliver empty packaging 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 regulation. Empty containers and product should not be burnt.</p> <p>Refillable Containers: (1000 L only): Store in 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.</p>
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**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 Apparent Pty Ltd.

**Safety Directions:**

**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 Instructions:**

**FIRST AID**

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

**First Aid Warnings:**

## DIRECTIONS FOR USE

CROP AND 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 making active growth. Repeat application may be necessary in 6-8 weeks. Apply as directed spray to weeds only.
	Broadleaf weeds and grasses		570 mL/100 L water	
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. Retreatment 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.
<i>Pinus radiata</i> Plantations	Ryegrass, 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 to 8 L/ha plus 1.6 to 2.2 kg/ha Atrazine 900	Use highest rates where grasses are a problem. Spray evenly. <b>Pre-Planting</b> Graze area heavily and apply tank mixture not more than 2 weeks before planting. <b>Post Planting</b> Apply tank mixture immediately after or within one month of planting. Do not spray pine seedlings by using directed spray.

CROP AND SITUATION	WEEDS CONTROLLED	STATE	RATE/ha	CRITICAL COMMENTS
Non-crop areas around buildings, Commercial and Industrial areas, Domestic and Public Service areas, Right-of-ways	Blackberry	Vic, Tas, SA only	2 L/100 L 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.
	Fennel, Hoary Cress, African Daisy, Apple of Sodom, Illyrian Thistle		1.1 L/100 L water	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	1.1 L/100 L water	Apply when weeds are actively growing, immediately prior to flowering. Re-spraying will be necessary to destroy regrowth and seedlings.
Potatoes Pre-harvest preparation	Ryegrass, Winter grass, Capeweed, Paterson's Curse	Vic, Tas only	5.5 to 11 L/ha	Apply approximately 4 to 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 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 a registered Low Volatile Ester 400 Herbicide. <b>Warning: If used on sandy soils do not plant follow-up crops within 3 months.</b>

CROP AND SITUATION	WEEDS CONTROLLED	STATE	RATE/ha	CRITICAL COMMENTS
Wheat and Barley	Ryegrass, Wild Oats	All States	<p>2.8 L/ha</p> <p>5.6 L/ha</p>	<p><b>Pre-planting</b> 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.</p> <p>Apply when grasses are in the 2-3 leaf stage and 5 cm high.</p> <p>Apply when grasses are in the 6 leaf stage and 10 cm high.</p> <p>DO NOT use on sandy soil in cropping situations.</p>

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

## 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 L/10 m<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 be added to the spray mixture at the following rates:

**Power Spraying:** 250 mL/100 L spray mixture.

**Knapsack Spraying:** 55 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 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

<b>Recommended rate Per 100 L water</b>	<b>Per 15 L Knapsack</b>	<b>Per 5 L Misting</b>
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