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



Troller

HERBICIDE

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

GROUP Q HERBICIDE

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.

IMPORTANT: Read this booklet before use.

APVMA Approval No: 85542/113559

APPARENT PTY LTD A.C.N. 143 724 136
Suite G.08 | 762 Toorak Road, Glen Iris VIC 3146 Australia
M 0411 227 338 | E enquiries@apparentag.com.au www.apparentag.com.au

DIRECTIONS FOR USE

CROP AND SITUATION	WEEDS CONTROLLED	STATE	RATE/ha
Vineyards and Orchards	Couch Grass	All States	1.1 L/100 L water
	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
	Water Couch		4.5 L/100 L water
	Water Hyacinth		2.2 L/100 L water 280 mL/100 L water
Pinus radiata 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
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
	Furze or Gorse, Ox-eye Daisy		
	Fennel, Hoary Cress, African Daisy, Apple of Sodom, Ilyrian Thistle		1.1 L/100 L water
	Russian (creeping) Knapweed, Watsonia, Artichoke Thistle, Prairie ground cherry, Onion weed, Khaki weed, Chilean Cestrum (Green Cestrum), Oxalis (Sour sob), Couch, Kikuyu, Fog grass, Sorrel	All States	1.1 L/100 L water
Potatoes Pre-harvest preparation	Ryegrass, Winter grass, Capeweed, Paterson's Curse	Vic, Tas only	5.5 to 11 L/ha
Wheat and Barley		All States	
			2.8 L/ha
			5.6 L/ha

CRITICAL COMMENTS
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.
Apply during flowering period between January and May. Retreatment of Nutgrass will be necessary.
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.
Apply immediately prior to flowering.
Use highest rates where grasses are a problem. Spray evenly.
Pre-Planting Graze area heavily and apply tank mixture not more than 2 weeks before planting.
Post Planting Apply tank mixture immediately after or within one month of planting. Do not spray pine seedlings by using directed spray.
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.
Apply during summer or before full flowering. Re-spraying will be necessary.
Apply when weeds are actively growing, immediately prior to flowering.
Apply when weeds are actively growing, immediately prior to flowering. Re-spraying will be necessary to destroy regrowth and seedlings.
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.
Warning: If used on sandy soils do not plant follow-up crops within 3 months.
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.
Apply when grasses are in the 2-3 leaf stage and 5 cm high.
Apply when grasses are in the 6 leaf stage and 10 cm high.
DO NOT use on sandy soil in cropping situations.

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

WITHHOLDING 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 L/10 m²) 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

Recommended rate Per 100 L water	Per 15 L Knapsack	Per 5 L 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

HERBICIDE RESISTANCE WARNING

GROUP Q HERBICIDE

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.

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.

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.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

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

PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

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.

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.

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 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.

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.

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

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.

SAFETY DATA SHEET

For further information, refer to the Safety Data Sheet (SDS) which is available from the supplier.

CONDITION OF SALE

The use of Apparent Troller Herbicide being beyond the control of the manufacturer no warranty expressed or implied is given by Apparent Pty Ltd regarding its suitability, fitness or efficiency for any purpose for which it is used by the buyer, whether in accordance with the directions or not and Apparent Pty Ltd accepts with no responsibility for any consequences whatsoever resulting from the use of this product.