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

Apparent 

Axeman 600

HERBICIDE

ACTIVE CONSTITUENT: 600 g/L TRICLOPYR
present as butoxyethyl ester

GROUP | **HERBICIDE**

For the control of various woody and broadleaf weeds as specified in the Directions for Use table.
IMPORTANT: Read this booklet before use.

APVMA Approval No: 67727/56749

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DIRECTIONS FOR USE**RESTRAINTS**

DO NOT spray blackberry suffering from drought stress.

DO NOT burn off, cut or clear blackberry for six months after spraying.

In TASMANIA FOR BLACKBERRY, **DO NOT** treat bushes carrying mature or near mature fruit.

HIGH VOLUME SPRAYING

Situation	Weeds Controlled	State	General Rate/100 L of Water	Knapsack Rate/15 L of water
Commercial and industrial situations, Rights of way, Pastures and Forests	Blackberry	Qld, NSW, Vic, SA, WA only	170 mL	25 mL
		Tas only		15 or 25 mL
	Seedling Camphor laurel (up to 3 m tall), English broom	All States	400 or 560 mL	25 mL
	Green cestrum	Qld, NSW and Vic Only		
	Brooms	All states		60 or 90 mL
Eucalyptus (seedlings and regrowth from small lignotubers), Banksia and Angophora				

HIGH VOLUME SPRAYING

Situation	Weeds Controlled	State	General Rate/100 L of Water	Knapsack Rate/15 L of water
Commercial and industrial situations, Rights of way, Pastures and Forests	Wattles (including silver and black wattle), Groundsel bush	All States	160 or 320 mL	25 to 50 mL
	Brigalow	Qld, NSW only	170 mL	25 mL
	Gorse	All States	170 or 340 mL	25 or 50 mL
	Common prickly pear, tiger pear		3 L	450 mL
	Common prickly pear, tiger pear, smooth tree pear		1 L per 75 L diesel	450 mL
	St John's Wort	NSW, Vic, Tas only	170 mL	25 mL
	Fennel, African boxthorn, Horehound, Broom	Tas only		
	Saffron thistle (up to bud stage), Capeweed		80 mL	12 mL

IR BLAST SPRAYING**DO NOT SPRAY WITHIN 1 KM OF SUSCEPTIBLE CROPS**

Situation	Weeds Controlled	State	Rate/
Commercial and industrial situations in non-urban areas, Rights of way, Pastures and Forests	Eucalyptus	All States	320 mL/ 10 L water
	Blackberry		
	Brigalow	Qld, NSW only	

Critical Comments

Apply from late spring to early autumn when bushes are actively growing. Best results are achieved from application made between January and April. One application may give satisfactory control but subsequent regrowth and seedlings should be resprayed after hardening. **DO NOT** use this product under extremely dry conditions as considerable regrowth may occur. Thorough coverage is essential. However, avoid excess spraying which is wasteful of chemical. Where herbicides other than Apparent Axeman 600 Herbicide or Grazon DS have been used, allow two seasons regrowth to occur before spraying with Apparent Axeman 600 Herbicide or Grazon DS.

Apply from petal fall to leaf fall except when bushes are carrying mature fruit. Application from mid fruit stage to leaf fall may give improved control. Use the higher rate on large bushes when complete wetting is difficult.

Thoroughly spray foliage when growth is active.

Ensure plant has good coverage on foliage. Thoroughly spray foliage when growth is active. Apply the high rate in Vic, Tas, Southern NSW and where difficult to kill species of eucalyptus are present.

NSW only: Apply to actively growing regrowth, which is less than five years old and under 3 m tall.

Critical Comments

Thoroughly spray foliage when growth is active. Use the lower rate on young seedlings and the high rate on plants more than 2 m tall. **NSW only:** For wattles apply only to actively growing regrowth, which is less than five years old and under 3 m tall.

Overall high volume spray in 1000 L of water/ha. See also Air Blast Spraying.

Apply from spring to mid-summer. Use the high rate on older hard plants. Add a non-ionic wetting agent at a rate of 125 mL/100 L. **DO NOT** burn bushes for at least 6 months following treatment. Re-treatment of re-growth may be necessary.

Apply as a thorough foliage spray.

Mix this rate with diesel only and apply as a thorough foliage spray.

Apply as a thorough foliage spray.

Critical Comments

Apply during active growth to give full coverage of foliage and stems.

NSW only: For eucalyptus apply only to actively growing regrowth, which is less than 5 years old and 3 m tall.

**AERIAL APPLICATION (HELICOPTER NSW, VIC, TAS, SA, WA ONLY)
(HELICOPTER OR FIXED WING AIRCRAFT QLD ONLY)**

Situation	Weeds Controlled	State	Rate/
Commercial and industrial situations in non-urban areas, Rights of way, Pastures and Forests	Blackberry		4.8 L in 100 to 200 L of water/ha

CONTROLLED DROPLET APPLICATION

Situation	Weeds Controlled	State	Rate/
Commercial and industrial situations, Rights of way, Pastures and Forests	Blackberry	All states	170 mL in 1 L of water

LOW VOLUME HIGH CONCENTRATE APPLICATION TECHNIQUES Gas Gun, Sprinkler Sprayer.

Situation	Weeds Controlled	State	Rate/
Commercial and industrial situations, Rights of way, Pastures and Forests	Blackberry	All states	1 L/ 35 L of water
	Eucalypt Seedlings	All states	1 L/ 25 L of water

BOOM SPRAYING

Situation	Weeds Controlled	State	Rate/
Fallow, Stubble, Firebreaks	Paddy Melon (<i>Cucumis myriocarpus</i>)	NSW, SA, Vic, WA, Qld only	80 or 160 mL +1% v/v D-C Trate crop oil/ ha (*)
	Afghan, Blitter or Camel Melon (<i>Citrullus lanatus</i>)		120 or 160 mL +1% v/v D-C Trate crop oil/ ha (*)

BASAL BARK AND CUT STUMP TREATMENT

Situation	Weeds Controlled	State	Rate/
Commercial and industrial situations, Rights of way, Pastures and Forests	Australian Blackthorn	All states	1 L/ to 60 L diesel distillate
	Bitter Bark, Camphor Laurel	Qld, NSW Only	
	Chinese apple, Eucalyptus (Except Dawson Gum), False Sandalwood, Green Wattle, Lantana	All states	
	Needlewood, Paperbark, Teatree, Rubbervine, Silver Wattle, Tree of Heaven, Castor Oil		
	Broom	Tas only	1 L/ 48 L diesel distillate
	Brown Salwood	All states	1 L/ 120 L diesel distillate
	Prickly Acacia, Groundsel Bush	All states	1 L/120 L diesel distillate
	Sweet Briar, African Boxthorn		1 L/30 L diesel distillate
	Dawson Gum, Yellow Wood	Qld Only	
	Olive	SA only	
NSW only			1 L/14 L diesel distillate
Privet	All states		1 L/12 L diesel distillate

**NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER, CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION.
WITHHOLDING PERIOD: NOT REQUIRED WHEN USED AS DIRECTED.**

Critical Comments
Spray with properly calibrated helicopter using the half overlap opposite pass technique. Nozzle combination should not be less than DW45. Spraying in wind in excess of 10 km/ hour and temperature above 25°C is not recommended.

Critical Comments
Results similar to high volume spraying can be obtained using Micron Herbi (1) or similar equipment. Select a nozzle and give a Row rate of 2 mL/ sec and pass speed of approximately 1m/sec and ensure a droplet density of 20/ cm2. A marking agent should be used to check spray coverage. Consult directions provided with CDA unit.

Critical Comments
Good control will be achieved similar to high volume application where bush size enables good coverage of entire bush. Use of marking agent is recommended to check spray coverage.
NSW only: For Eucalyptus apply only to actively growing regrowth, which is less than 5 years old and 3 m tall.

Critical Comments
Use the higher rate on plants greater than 20 cm in diameter. DO NOT spray stressed plants. Note: 1% equals 1L D-C Trate/ 100 L water.

Critical Comments
BASAL BARK SPRAY

For the treatment of suckers and seedlings up to 5 cm basal diameter (up to 10 cm for tree of heaven and camphor laurel). Spray or paint bark round stem to 30 cm wetting thoroughly. Old rough bark may require more thorough spraying than young smooth bark.

CUT STUMP

Apply to freshly cut stumps of suckers and seedlings more than 5 cm in basal diameter. Best results are obtained when stems are cut to within 15 cm of ground level. Apply liberally by spraying or painting cut surface and sides of stems. DO NOT treat Australian blackthorn or tree of heaven during the dormant period.

For Basal Bark spray treatment of suckers up to 5 cm Basal diameter, treat as above. Use cut stump treatment as above for larger plants.

For Basal Bark spray treatment of suckers up to 10 cm Basal diameter, treat as above. Use cut stump treatment as above for larger plants. Treat from early summer rains to end of April when regrowth is apparent.

For Basal Bark spray treatment of suckers up to 5 cm Basal diameter, treat as above. Use cut stump treatment as above for larger plants. **DO NOT** treat Sweet Briar and African Boxthorn during the dormant period

CUT STUMP: Apply immediately to freshly cut surface of stump.

CUT STUMP: Cut stump as close to ground level as possible and immediately swab the cut surface.

BASAL BARK: Apply mixture with low pressure sprayer to the base of stems from ground level to 30 cm high.

For Basal Bark spray treatment of suckers up to 10 cm Basal diameter, treat as above. Use cut stump treatment as above for larger plants. Treatment may be carried out at any time of the year.

GENERAL INSTRUCTIONS

RESISTANT WEEDS WARNING

GROUP I	HERBICIDE
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Apparent Axeman 600 Herbicide is a member of the Pyridines group of herbicide. Apparent Axeman 600 Herbicide has the disruptors of plant cell growth mode of action. For weed resistance management, Apparent Axeman 600 Herbicide is a Group I Herbicide. Some naturally occurring weed biotypes resistant to Apparent Axeman 600 Herbicide and other Group I herbicide 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 resistance weeds will not be controlled by Apparent Axeman 600 Herbicide or other Group I 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 Apparent Axeman 600 Herbicide to control resistant weeds.

APPLICATION

Apply with hand directed equipment such as high volume spraying equipment, knapsack sprayer, knapsack misting machines with the following exceptions.

- **Mist blower:** Eucalyptus, Blackberry, Brigalow only.
- **Aircraft:** Blackberry only.
- **Controlled Droplet Application (CDA):** Blackberry only.
- **Gas Gun, Sprinkler Sprayer:** Blackberry, Eucalyptus seedlings only.
- **Boom spray:** Paddy melon, Afghan, Bitter or Camel Melon only.

Mixing

Only mix sufficient chemical for each day's work. Re-mix after extended periods of settling. PVC gloves are not recommended for Apparent Axeman 600 Herbicide. Therefore, when tank mixing with products that need to be handled with PVC gloves, workers should wear nitrile gloves.

HIGH VOLUME SPRAYING

This product mixes readily with water. Pour the measured quantity into the partially filled spray tank and add the remainder of the water. Agitate thoroughly during filling, while spraying and before recommending spraying after a stoppage.

BASAL BARK AND CUT STUMP TREATMENT

Add the required amount of diesel distillate in the spray tank with the agitator running and mix thoroughly. When using with diesel, nitrile gloves should be worn instead of rubber gloves.

Dilution rates for the cut stump and basal bark treatments: (see also Directions of Use table).

Weeds	Dilution	Amount of Apparent Axeman 600 Herbicide	Volume of spray mixture made up with diesel to : litres	Concentration of Triclopyr
Privet	1 - 12	420 mL	5	50
		1.25 L	15	50
		8.3 L	100	50
Olive (NSW only)	1 - 14	360 mL	5	43
		1.1 L	15	43
		7.2 L	100	43
Sweet Briar, African boxthorn, Dawson gum, Yellow wood, Olive (SA only)	1 - 30	170 mL	5	20
		500 mL	15	20
		3.3 L	100	20
Broom (Tas only)	1 - 46	105 mL	5	12.5
		315 mL	15	12.5
		2.1 L	100	12.5
Majority of species including eucalyptus, wattle, tea tree, rubber vine, tree of heaven (see Directions for Use table)	1 - 60	85 mL	5	10
		250 mL	15	10
		1.7 L	100	10
Brown salwood, prickly acacia, groundsel bush	1 - 120	45 mL	5	5
		125 mL	15	5
		850 mL	100	5

FOR NSW ONLY:

WITH THE EXCEPTION OF RE-GROWTH LESS THAN FIVE YEARS OLD AND UNDER THREE METRES TALL, THE CLEARING OF MORE THAN FIVE HECTARES OF TREES BY AERIAL, GROUND, OR SPOTGUN APPLICATION IN NSW IS PROHIBITED, UNLESS SPECIFICALLY AUTHORISED BY PERMIT. THIS RESTRICTION DOES NOT APPLY TO WOODY WEEDS.

When using spray equipment for Basal Bark and cut stump application use low pressure up to 200 kPa maximum. Minimise spray drift from high volume application by using low pressures and nozzles, which do not give a fine droplet size.

Delay treatment until all re-growth has had time to emerge on bulldozed or ploughed areas.

After use, clean equipment thoroughly and rinse several times prior to reuse. Discharge washings on non-crop, non-pasture lands away from water supply and homes. Keep container tightly closed.

Equipment that has been used for application of this chemical should not be used for application of other materials on sensitive plants.

AERIAL APPLICATION

Human flagging is not authorised unless protected by engineering controls such as vehicles with cabs.

PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

Apparent Axeman 600 Herbicide is damaging to vines, vegetables, cotton, tomatoes, ornamentals, and many other plants during both growing and dormant periods. Grasses are normally unaffected and establish quickly after treatment.

DO NOT allow spray to drift onto susceptible crops such as cotton, tomatoes, vines, fruit, potatoes, vegetables, ornamentals, tobacco, lupins and other legumes, safflower, flowers, shade trees and *Pinus* spp.

DO NOT apply under meteorological conditions or from spraying equipment, which could be expected to cause spray to drift onto nearby susceptible plants.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

DO NOT contaminate streams, rivers, waterways, water used for irrigation, drinking or other domestic purposes with the chemical or used containers.

STORAGE AND DISPOSAL (10 L, 20 L and 200 L only)

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 (1000 L only)

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

Envirodrum – Micro Matic Valve (110 L)

Store the 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 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

Poisonous if swallowed. May irritate the eyes and skin. Avoid contact with eyes and skin. If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor. When opening the container, preparing spray and using the prepared spray, wear cotton overalls buttoned to the neck and wrist, a washable hat, elbow length rubber gloves and goggles. Wash hands after use. After each day's use wash gloves and contaminated clothing.

FIRST AID

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

SAFETY DATA SHEET

Additional information is listed in the Safety Data Sheet which can be obtained from the supplier.

CONDITIONS OF SALE

The use of Apparent Axeman 600 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.