



blank page

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

Apparent 

Woody Extra 

HERBICIDE

ACTIVE CONSTITUENTS:
300 g/L TRICLOPYR present as the butoxyethyl ester
100 g/L PICLORAM present as hexyloxypropylamine salt
8 g/L AMINOPYRALID present as hexyloxypropylamine salt

GROUP 4 HERBICIDE

For the control of a range of environmental and noxious woody and herbaceous weeds as specified in the Directions for Use.
IMPORTANT: Read this booklet before use.

APVMA Approval No: 93213/138295

AIRR APPARENT PTY LTD
15/16 Princes Street, Newport NSW 2106
P 03 5820 8400 | E enquiries@apparentag.com.au | www.apparentag.com.au

321

Directions for Use:

RESTRAINTS

- DO NOT apply to weeds which may be stressed (not actively growing) due to prolonged periods of extreme cold, moisture stress (water-logged or drought affected), poor nutrition, presence of disease, damage or previous herbicide treatment, as reduced levels of control may result.
- DO NOT spray if rain is likely within 1 hour or if foliage is wet from rain or dew.
- DO NOT burn off, cut or clear blackberry or other woody weeds for at least 6 months after spraying.
- In areas prone to flooding treatment should commence after any annual flooding, as such areas flooded within 9 months following application may have reduced results.

SPRAY DRIFT RESTRAINTS

Specific definitions for terms used in this section of the label can be found at apvma.gov.au/spraydrift

DO NOT allow bystanders to come into contact with the spray cloud.

DO NOT apply in a manner that may cause an unacceptable impact to native vegetation, agricultural crops, landscaped gardens and aquaculture production, or cause contamination of plant or livestock commodities, outside the application site from spray drift. Wherever possible, correctly use application equipment designed to reduce spray drift and apply when the wind direction is away from these sensitive areas.

DO NOT apply unless the wind speed is between 3 and 20 kilometres per hour at the application site during the time of application (or a maximum 15 kilometres per hour for aerial application).

DO NOT apply if there are hazardous surface temperature inversion conditions present at the application site during the time of application. Surface temperature inversion conditions exist most evenings one to two hours before sunset and persist until one to two hours after sunrise.

WOODY WEED SITUATIONS

Table A: High Volume Spraying See GENERAL INSTRUCTIONS - APPLICATION section for application method details.

Note: APPARENT Ag only recommends the use of knapsacks or 12 volt sprayers for use on low growing herbaceous weeds and woody weeds that are not regrowth and are less than 60 cm high or 60 cm diameter.

WEEDS CONTROLLED	WEED GROWTH STAGE	RATE /100 L WATER
African boxthorn	Less than 2 m tall	500 mL
<i>Angophora</i> spp.	1 to 3 m tall	350 mL
Australian blackthorn Apply from late spring to early autumn.	Less than 2m tall	500 mL
<i>Banksia</i> spp.	1 to 3 m tall	350 mL
Biddy bush (Chinese shrub), (Sifton bush)	Autumn when actively growing	500 mL
Blackberry in association with: Docks, Ragwort, Smartweed, Thistles	Late spring to autumn	350 mL or 500 mL
Blue heliotrope	Flowering	500 mL

CRITICAL COMMENTS
Apply when bushes have good leaf cover, growth and no leaf fall
Apply from late spring to early autumn.
Add TITAN WETTER 1000 WETTING AGENT or an alternative (see COMPATIBILITY section) at 125 mL/100 L of water for best results.
Use the higher rate on plants that have been damaged by grazing stock or insects and on known difficult to kill blackberry.
Where herbicides other than Group I herbicides have been used, allow 2 seasons regrowth to occur before respraying with APPARENT WOODY EXTRA HERBICIDE.
Apply in a minimum spray volume of 1250 L/ha

WEEDS CONTROLLED	WEED GROWTH STAGE	RATE /100 L WATER
Brooms: Cape, English, Flax leaf, Montpellier	Spring to mid summer prior to pod formation	250 mL
	Autumn to winter	350 mL
Camphor Laurel	Less than 2 m tall	
	Above 2 m tall	500 mL
Capeweed	Flowering	150 mL
<i>Casuarina</i> spp.	1 to 3 m tall	350 mL
Chinee apple	Less than 2m tall	350 mL
Cockspur thorn	Spring to autumn	
Common sensitive plant	Any time when actively growing	200 mL
Crofton weed	Spring to autumn	350 mL
Eastern cotton bush (<i>Maireana microphylla</i>)		500 mL
<i>Eucalyptus</i> spp.	Seedling and regrowth from small lignotubers, 1 to 3 m tall	350 mL or 500 mL
Fireweed	Flowering	350 mL
Galenia	Fresh growth in spring to summer	500 mL
Giant bramble	Spring to autumn	
Gorse	1 to 1.5 m tall	250 mL
	Over 1.5 m tall or autumn treatment	350 mL
	Winter treatment	500 mL
Groundsel bush (<i>Baccharis halimifolia</i>)	1 to 1.5 m tall in spring to summer	250 mL
	Over 1.5 m tall or autumn treatment	350 mL
Green cestrum	Late spring to early autumn	500 mL
Hawthorn	Less than 2 m tall	

CRITICAL COMMENTS
Apply as a thorough foliage spray.
Add TITAN WETTER 1000 WETTING AGENT or an alternative (see COMPATIBILITY section) at 100 mL/100 L of water for best results. Apply as a thorough foliage spray.
To avoid leaves closing during application, spray plants while moving forward. Add TITAN WETTER 1000 WETTING AGENT or an alternative (see COMPATIBILITY section) at 100 mL/100 L of water for best results.
Apply as a thorough foliage spray. Add Titan PARAFFIN OIL 471 Adjuvant at 500 mL/100 L of water. Some bushes may require a follow-up spray to control regrowth.
Apply the high rate where difficult to control species of Eucalyptus regrowth is present. Addition of an adjuvant may improve results. Contact Titan Ag for details.
Apply as a thorough foliage spray. Use 2000 L of spray mixture/ha
Penetration of thick clumps may be difficult and respraying may be necessary. Add TITAN WETTER 1000 WETTING AGENT or an alternative (see COMPATIBILITY section) at 100 mL/100 L of water for best results. Spring and summer treatment only. Add TITAN WETTER 1000 WETTING AGENT or an alternative (see COMPATIBILITY section) at 100 mL/100 L of water for best results. Add BS-1000 or an alternative (see COMPATIBILITY section) at 100 mL/100 L of water for best results.
Brownout may not be complete until summer. Add TITAN WETTER 1000 WETTING AGENT or an alternative (see COMPATIBILITY section) at 100 mL/100 L of water for best results.
One application may give satisfactory control. Any subsequent regrowth and seedlings must be resprayed at approximately 1 metre high. Apply from late spring to early autumn.

WEEDS CONTROLLED	WEED GROWTH STAGE	RATE /100 L WATER
Horehound	Pre- flowering	350 mL
Japanese sunflower		
Lantana (<i>Lantana camara</i>), (<i>Lantana montevidensis</i>)	Up to 1 m tall in summer to autumn	500 or 750 mL
	1 to 2 m tall in summer to autumn	
Lion's tail (<i>Leonatis nepetifolia</i>)	Pre-flowering	200 mL
Limebush	Any time of year with good leaf cover and soil moisture	350 mL
Manuka	At flowering	500 mL
Mesquite (<i>Prosopis</i> spp.)	Seedling, full leaf and flowering before podding	350 mL
Prosopis velutina		670mL
Milfoil (Yarrow)	Flowering	350-500 mL
Mistflower	Spring to Autumn	350 mL
Mother-of-millions	Flowering	500 mL
Paddy's lucerne	Active growth	
Parkinsonia	Under 2 m tall	350 mL
Paterson's curse	Flowering	250 mL
Prickly pear (common), Smooth tree pear	Active phyllode growth	500 mL
Rubber vine	Up to 1.5 m tall at flowering	350 mL
(Not infected with rust)	Dense stands greater than 1.5m tall at flowering	500 mL
Siam weed	Active growth	350 mL
Sicklepod	Up to flowering	200 mL
Spear thistle	Rosette to flowering	150 mL
St John's wort	From flowering to early seed set	500 mL
Sweet briar	Up to 1.5 m tall	350 mL
		500mL
Tobacco weed	Actively growing plants	300 mL
Tropical soda apple	Flowering up to 1 m tall	350 mL
Wattle (<i>Acacia</i> spp.) (except corkwood wattle)	1 to 3 m tall	
Wild Rosemary (<i>Cassinia laevis</i>)	Active growth 0.5 to 1 m tall	350 to 500 mL
Wild tobacco tree	Spring to autumn up to 2 m tall	350 mL

CRITICAL COMMENTS
Apply as a thorough foliar spray.
Add one of the following adjuvants, when using 350 mL rate: Titan PARAFFIN OIL 471 Adjuvant @ 0.5% v/v. TITAN Organosilicone Surfactant @ 0.1% v/v.
Thoroughly wet foliage stems and soil around the base of the plants. Use higher rate on known harder to kill varieties.
Apply as a thorough foliar spray. Add TITAN WETTER 1000 WETTING AGENT or an alternative (see COMPATIBILITY section) at 100 mL/100 L of water for best results.
Penetration of thick clumps may be difficult and respraying may be required.
Addition of an adjuvant may improve results Contact Titan Ag for details.
For optimum results, add TITAN Organosilicone Surfactant at 200 mL/100 L of spray. Thoroughly wet foliage, stems and soil around the base of the plants.
DO NOT spray plants bearing pods. Add TITAN WETTER 1000 WETTING AGENT or an alternative (see COMPATIBILITY section) at 100 mL/100 L of water for best results.
Use low rate when in close proximity to highly sensitive vegetation.
Apply as a thorough foliar spray.
Add TITAN WETTER 1000 WETTING AGENT or an alternative (see COMPATIBILITY section) at 100 mL/100 L of water.
Plants that have been continually slashed or grazed over many seasons may be difficult to control and regrowth may occur.
Add Titan PARAFFIN OIL 471 Adjuvant at 500 mL/100 L water. Avoid spraying under dry conditions when plants are stressed or bearing pods. Thoroughly wet foliage.
Apply as a thorough foliage spray. Regrowth may occur, so a follow-up application may be necessary.
Spray all leaves and stems just to the point of runoff and thoroughly spray the base of the plant. With larger, more dense stands, regrowth may occur. Subsequent control of any regrowth should be done by basal bark spraying.
Add BS-1000 or an alternative (see COMPATIBILITY section) at 100 mL/100 L of water for best results.
DO NOT apply to podding plants. Add TITAN WETTER 1000 WETTING AGENT or an alternative (see COMPATIBILITY section) at 100 mL/100 L of water for best results.
Late spring to early summer.
Add metsulfuron-methyl at 10 g/100 L water to obtain more reliable results with the lower rate of APPARENT WOODY EXTRA HERBICIDE.
Full leaf to ripe fruit prior to leaf fall. Thorough wetting including the crown is recommended.
Add TITAN WETTER 1000 WETTING AGENT or an alternative (see COMPATIBILITY section) at 100 mL/100 L of water for best results.
Add Titan PARAFFIN OIL 471 Adjuvant at 500 mL/100 L water.
Use lower rate on seedlings 0.5 m tall. Apply as a thorough foliar spray.

Table B: Aerial Application See GENERAL INSTRUCTIONS - APPLICATION section for application method details.

AGRICULTURAL NON-CROP AREAS, COMMERCIAL AND INDUSTRIAL AREAS, PASTURES AND RIGHTS-OF-WAY.		
WEEDS CONTROLLED	WEED GROWTH STAGE	STATE
Blackberry	Summer to autumn	ACT, NSW, NT, Qld, SA, Vic, WA only
Gorse		Tas only
Cockspur thorn, Crofton weed, Lantana, Mistflower	Late autumn	ACT, NSW, NT, Qld only (helicopter only)
Lantana		
Rubber vine (Not infected with rust)	When flowering	NT, Qld only (helicopter only)
St John's wort	Flowering to early seed set (Nov Jan)	ACT, NSW only
AGRICULTURAL NON-CROP AREAS ON FLOOD PLAINS		
Parkinsonia Seedlings	1-2 m tall, or 12 - 24 months old	Qld and NT only (helicopter only)

Table C: Controlled Droplet Application (C.D.A.) See GENERAL INSTRUCTIONS - APPLICATION section for application method details.

AGRICULTURAL NON-CROP AREAS, COMMERCIAL AND INDUSTRIAL AREAS, FORESTS, PASTURES AND RIGHTS-OF-WAY.		
WEEDS CONTROLLED	WEED GROWTH STAGE	RATE
Blackberry in association with: Docks, Ragwort, St John's wort, Thistles	Summer to autumn	Apply undiluted

Table D: Low Volume High Concentrate Application Techniques (Gas Powered Gun, Sprinkler Sprayer) See GENERAL INSTRUCTIONS - APPLICATION section for application method details.

AGRICULTURAL NON-CROP AREAS, COMMERCIAL AND INDUSTRIAL AREAS, FORESTS, PASTURES AND RIGHTS-OF-WAY.		
WEEDS CONTROLLED	WEED GROWTH STAGE	RATE/10 L Water
Blackberry	Late spring to autumn	335 mL
Camphor Laurel, Cockspur thorn, Crofton weed	Less than 1.5 m high	500 mL
Eucalyptus species	Seedlings up to 2 m tall	335 mL

RATE /ha	CRITICAL COMMENTS
10 L	Where herbicides other than Group I herbicides have been used, allow two seasons regrowth to occur before respraying with APPARENT WOODY EXTRA HERBICIDE. WARNING: Eucalyptus species up to 4m may be killed if sprayed during this treatment. Mature trees which are 15 to 20 m tall may be partially defoliated but are likely to recover. Helicopter application only.
1.5 L + 5.2 L Statesman® 720	Spray with calibrated equipment using the half overlap opposite pass technique applying a minimum spray volume of 150 L/ha. Follow-up respraying will be required.
10 L	Helicopter application only.
3 L to 5 L	Use rates will depend upon the density and height of the rubber vine stand. The higher rate should be used on dense stands, however, complete coverage and penetration may be difficult. Follow-up respraying will be required. Any regrowth should be sprayed with a suitable basal bark herbicide.
4 L Helicopter application only.	Follow-up spraying will be required in the following season.
3 L	Add Titan PARAFFIN OIL 471 Adjuvant at 1 L/ha.

CRITICAL COMMENT
One application may give satisfactory control but subsequent regrowth and seedlings should be resprayed after hardening off. Where herbicides other than Group I herbicides have been used, allow 2 seasons regrowth to occur before respraying with APPARENT WOODY EXTRA HERBICIDE.

CRITICAL COMMENTS
Apply to actively growing bushes which are able to be sprayed on all sides. For larger bushes, the high volume application technique is recommended.

WEEDS CONTROLLED	WEED GROWTH STAGE	RATE/10 L Water
Mistflower	Less than 1.5 m high	500 mL
Sweet briar	1.5 m tall, full leaf to ripe fruit	
St John's wort	During flowering to early seed set	
Wild tobacco	tree Less than 1.5 m high	

Table E: Boom Application See GENERAL INSTRUCTIONS - APPLICATION section for application method details.

AGRICULTURAL NON-CROP AREAS, COMMERCIAL AND INDUSTRIAL AREAS, PASTURES AND RIGHTS-OF-WAY.		
WEEDS CONTROLLED	WEED GROWTH STAGE	RATE/10 L Water
Galenia	Fresh growth during spring to summer	3-5 L
Sicklepod	Up to flowering	3L
St John's wort	Flowering to early seed set (Nov-Jan)	2 to 4 L

Table F: Boom Application See GENERAL INSTRUCTIONS - APPLICATION section for application method details.

AGRICULTURAL NON-CROP AREAS, COMMERCIAL AND INDUSTRIAL AREAS, PASTURES AND RIGHTS-OF-WAY.		
WEEDS CONTROLLED	WEED GROWTH STAGE	RATE/10 L Water
Flax-leaf fleabane (<i>Conyza bonariensis</i>)	Up to 8 leaf or up to 10 cm diameter	2 L + 2.4 L glyphosate (450 g/L)

CRITICAL COMMENTS
Gas Powered Gun only: Apply to actively growing bushes not more than 1.5 m tall that have not more than 5 stems from the crown.
Gas Powered Gun only: One application should provide control. Minor regrowth and seedlings may be retreated the following summer.
Apply to actively growing bushes which are able to be sprayed on all sides. For larger bushes, the high volume application technique is recommended.

CRITICAL COMMENTS
Rough mine sites will require adequate spray equipment such as boomless nozzles for effective coverage. Use the low rate for seedling weeds not >50 cm across with excellent fresh active growth in spring right after significant rain of 25 mm or more. When using the lower rate add TITAN Organosilicone Surfactant at 100 mL/100 L for best control.
DO NOT apply to podding plants. Add TITAN WETTER 1000 WETTING AGENT or an alternative (see COMPATIBILITY section) at 100 mL/100 L of water.
Use the higher rate on dense infestations and when longer residual control is required. Follow-up respraying will be required in the following season.

CRITICAL COMMENTS
Add 100% non-ionic surfactant (e.g. TITAN WETTER 1000 WETTING AGENT) at 0.2% v/v

2. FALLOW SITUATIONS

Table A: Boom Application See GENERAL INSTRUCTIONS - APPLICATION section for application method details.

FALLOW		
WEEDS CONTROLLED	WEED GROWTH STAGE	STATE
Blackberry nightshade - suppression only	10 to 25 cm tall, prior to flowering	ACT, NSW, NT, Qld only
Camel melon, Prickly paddy melon, Cucumber melon (<i>Cucumis melo</i>)	From 2 leaf to 50cm diameter	
Common sowthistle	From 8 leaf to flowering	
Cow vine	From 2 to 5 leaf up to 15cm diameter, prior to flowering	
Lucerne (established)	Active growth, 15 to 25 cm high, during spring	
<i>Polymeria pusilla</i>	2 to 12 leaf up to 20cm diameter, prior to flowering	

Table B: Blanket Wiper Application See GENERAL INSTRUCTIONS - APPLICATION section for application method details.

FALLOW		
WEEDS CONTROLLED	WEED GROWTH STAGE	STATE
Bitterbark (<i>Alstonia constricta</i>)	From summer to end of autumn	NT, Qld only

RATE/ha	CRITICAL COMMENTS
200 to 400 mL + 1.2 L glyphosate (450 g/L) + adjuvant	For use by ground equipment only. Plants must be actively growing. Use the lower rate on the smaller weeds, as specified in the weed growth stage (or up to 5 cm diameter for <i>Polymeria pusilla</i>). Refer to glyphosate (450 g/L) label for use of adjuvant. For Northern New South Wales and Queensland, DO NOT plant susceptible crops for up to 9 months after application, as specified in GENERAL INSTRUCTIONS - MINIMUM RECROPPING PERIODS – Table A. Dry conditions after application will increase the re-cropping interval. For Southern New South Wales, please refer to MINIMUM RECROPPING PERIODS – Table C
300 to 500 mL + 1.2 L glyphosate (450 g/L) + adjuvant	
200 to 400 mL+ 1.2 L glyphosate (450 g/L) + adjuvant	

RATE/ha	CRITICAL COMMENTS
1:4 (1 part APPARENT WOODY EXTRA HERBICIDE to 4 parts water) 2 % solution for spot spray (eg. 100 mL APPARENT WOODY EXTRA HERBICIDE in 5 L water)	For use with blanket wipers only. For best results apply in autumn to tall (> 60 cm) plants using two opposite directional passes (up and back). Follow up “misted” plants with a spot spray application. These will be obvious after 6 weeks. Blanket wiper applications can be made in summer when plants are smaller but follow up spot spraying may be necessary. Do not disturb (cultivate) the treated patches for at least 3 months. Best long term control is achieved when patches are left undisturbed for as long as possible after treatment (at least 6 months). Spot spraying “misted” plants: thoroughly wet all stems and leaves without producing any solution run-off. Avoid any spray reaching the soil surface.

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

Other Limitations:

IN TASMANIA FOR BLACKBERRY DO NOT treat bushes carrying mature or near mature fruit. FOR NATIVE VEGETATION Use of APPARENT WOODY EXTRA HERBICIDE on native vegetation must be done in accordance with STATE and/or LOCAL legislation.

WITHHOLDING PERIOD

Pasture: Cutting or Grazing Pastures for Stock Food: NOT REQUIRED WHEN USED AS DIRECTED

Trade Advice:

LIVESTOCK DESTINED FOR EXPORT MARKETS. The grazing withholding period only applies to stock slaughtered for the domestic market. Some export markets apply different standards. To meet these standards, ensure that in addition to complying with the grazing withholding period, the Export Slaughter Interval is observed before stock are sold or slaughtered.

EXPORT SLAUGHTER INTERVAL (ESI) – 3 days: Livestock that has been grazed on or fed treated crops within 42 days of application should be placed on clean feed for 3 days prior to slaughter.

EXPORT GRAZING INTERVAL (EGI) – 42 days: Livestock that has been grazing on treated crops or pasture should not be sold for export slaughter for 42 days (6 weeks) after application of the chemical product, unless the export slaughter interval has been observed. When APPARENT WOODY EXTRA HERBICIDE is used as directed and the above withholding periods and/or export intervals are observed, treated grain and livestock commodities are considered acceptable for export. However, export requirements are subject to change. Consult your exporter for updated information about specific market requirements.

GENERAL INSTRUCTIONS

IMPORTANT: Read the MANAGEMENT OF RESIDUES IN COMPOST, MULCHES AND ANIMAL WASTE in the PROTECTION OF CROPS, NATIVES AND OTHER NON-TARGET PLANTS section of this label GENERAL INSTRUCTIONS MINIMUM RECROPPING PERIODS Aminopyralid and picloram remain active in the soil for extended periods depending on the rate of application, soil type (clay content), rainfall, temperature, humidity, soil moisture and soil organic matter. The following tables show plant-back periods to particular crops following application of APPARENT WOODY EXTRA HERBICIDE in different areas/situations of Australia.

Table A: Northern New South Wales & Queensland Plant-back periods for rotational crops following application of APPARENT WOODY EXTRA HERBICIDE for rates up to 600 mL/ha on black cracking clay soils. These plant-back periods are based on a normal rainfall pattern. During drought conditions (or when the rainfall is less than 100 mm for a period of 4 months or greater) the plant-back period may be significantly longer.

Plant-back periods for crops following the application of APPARENT WOODY EXTRA HERBICIDE for rates up to 600 mL/ha.				
RATE mL/ha	200	300	400	600
CROP	Months			
Wheat	2	2	4	4
Barley	2	2	4	4
Canola	2	4	4	4
Faba bean	4	4	6	6
Chickpea	4	6	6	6
Lucerne	6	9	9	9

Table B: Blanket Wiper Application

Plant-back periods for crops following blanket wiper application	
Crop	Months
Broadleaf crops	18
Lucerne	6
This will allow any potential soil residues to dissipate, if any, and allow effective control.	

Table C: Southern New South Wales

Plant-back periods for rotational crops following application of Grazon® Extra for rates up to 500 mL/ha.

Crops	Plant-back Period (months)
Barley, Canola, Wheat	9
Chickpea, Faba bean, Field pea, Lucerne, Lupin, Medic, Subclover	24

Note: Before using APPARENT WOODY EXTRA HERBICIDE in tank mixes with other herbicides, check the plant-back information on all product labels. The most residual product, i.e. the product with the longest plant-back period, will determine the time between spraying and planting.

MIXING

- Mix only with water.
- Half fill the spray unit with water and add the required amount of APPARENT WOODY EXTRA HERBICIDE. Add the remaining water with the agitator running. If required, then add spray oils or wetters (surfactants). Maintain mechanical or by-pass agitation in the spray tank during spraying. Only mix sufficient solution for immediate daily use and avoid storing.

APPLICATION

Only apply APPARENT WOODY EXTRA HERBICIDE under atmospheric conditions that do not allow drift onto to sensitive crops to occur.

1. WOODY WEED SITUATIONS

Weeds need to be actively growing for herbicides to have optimum effect. Delay treatment until all regrowth has had time to grow to approximately 1 metre in situations which have been bulldozed, slashed, burnt, ploughed, or areas having a previous chemical treatment.

A. High Volume Spraying

- Thorough coverage of foliage to the point of run-off is essential; however, avoid excess spraying which is wasteful of chemical.

Hand Gun

- Apply the recommended mix to give full coverage of leaves and stems through a No. 6 to 8 tip at 700 to 1500 kPa (400 to 500 kPa for St John's wort).
- A spray volume of 3000 to 4000 L per infested hectare of 1 to 2 metre high blackberry (30 to 40 L/100 m²) should be used.
- Use 2000 L of spray mixture/ha of galenia infestation (i.e. 20 L/100 m² infested area). Knapsack & 12 volt Sprayer Packs
- Apply the recommended spray mix to give full coverage of leaves and stems.
- Only recommended for the control of herbaceous weeds, such as capeweed, fireweed and spear thistle, and woody weeds that are not regrowth less than 60 cm high or 60 cm diameter.

B. Aerial Application *

Apply in 200 L of water/ha using an aircraft to apply 100 L per pass on a double overlap pattern using nozzle configurations to produce coarse to very coarse droplets.

C. Controlled Droplet Application (C.D.A.)

- Results similar to high volume spraying can be obtained using Micron Herbiã or similar equipment. Select a nozzle to give a flow rate of 2 mL/sec and sweeping action of approximately 1 m/sec to ensure a droplet density of 20/cm². Use a marking agent, as recommended by the equipment manufacturers, to check spray coverage. Also, consult directions provided with C.D.A. unit.

D. Low Volume High Concentrate Application Techniques

- Good control will be achieved, similar to high volume application, where bush size enables good coverage of entire bush. Use a marking agent, as recommended by the equipment manufacturers, to check spray coverage.

- Gas powered gun: Apply 50 mL shots to obtain uniform coverage of 4 to 5 m² of surface area of bush. This relates to 20 droplets/cm² of leaf surface.
- Sprinkler sprayer: This technique involves using a micro sprinkler that is connected to a hollow fibre glass rod attached to a pneumatic knapsack sprayer. Use at low pressures (50 to 200 kPa) and apply with a slow sweeping action over the top of the plants ensuring even coverage on the leaves.

E./F Boom Application

- Application in a minimum spray volume of 200 L/ha for galenia and St. John's Wort and 600 L of water/ha for sickle pod. Use nozzle configurations to produce coarse spray droplets for standard nozzles. Boom height must be set to ensure double overlap of nozzle patterns.

2. FALLOW SITUATIONS

A. Boom Application

- Application of APPARENT WOODY EXTRA HERBICIDE in a minimum spray volume of 70 L/ha is recommended using nozzle configurations to produce coarse spray droplets standard nozzles. Boom height must be set to ensure double overlap of nozzle patterns

B. Blanket Wiper Application

- Blanket needs to be made from durable and wettable material with a rigid backing.
- Blanket should be rigidly mounted behind motorised vehicle (eg. tractor, 4-wheel drive vehicle) and set low but never touching the ground. The chemical solution should be fed to the blanket at a flow rate sufficient to keep the blanket wet but not dripping. In thick patches the blanket may require more frequent solution recharge (rewetting).
- Ideally, a scraper bar should be mounted in front of the blanket in order to scrape or damage the bark (but not sever the stems) prior to the blanket wiping the stems. This scraper may be mounted at the front of the vehicle.
- Two passes (in opposite direction) with the blanket increases the contact with the plant. Ground speeds of 10–15 kph are ideal for blanket wiping application.

CLEANING SPRAY EQUIPMENT

Rinsing

After using APPARENT WOODY EXTRA HERBICIDE, empty the spray unit completely and drain the whole system. Thoroughly wash inside the unit using a pressure hose. Drain the spray unit, and clean any filters in the tank, pump, lines, hoses and nozzles. After cleaning the spray unit as above, quarter fill with clean water and circulate through the pump, lines, hoses and nozzles. Drain and repeat the rinsing procedure twice.

After cleaning the spray unit as above, quarter fill with clean water and circulate through the pump, lines, hoses and nozzles. Drain and repeat the rinsing procedure twice. Decontamination Before spraying cotton and other sensitive crops with equipment that has been used to apply APPARENT WOODY EXTRA HERBICIDE (see PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS section). Wash the tank and rinse the system as above. Then quarter fill the tank and add a standard alkali based laundry detergent at 500 g (or mL)/100 L water and circulate throughout the system for at least 15 minutes. If using a concentrated laundry detergent, use 250 g (or mL)/100 L water. Do not use chlorine based cleaners. Drain the whole system. Remove filters and nozzles and clean them separately. Finally flush the system with clean water and allow to drain. Rinse water should be discharged onto a designated disposal area or, if this is unavailable, onto unused land away from desirable plants and watercourses.

Decontamination

Before spraying cotton and other sensitive crops with equipment that has been used to apply APPARENT WOODY EXTRA HERBICIDE (see PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS section). Wash the tank and rinse the system as above. Then quarter fill the tank and add a standard alkali based laundry detergent at 500 g (or mL)/100 L water and circulate throughout the system for at least 15 minutes. If using a concentrated laundry detergent, use 250 g (or mL)/100 L water. Do not use chlorine based cleaners. Drain the whole system. Remove filters and nozzles and clean them separately. Finally flush the system with clean water and allow to drain. Rinse water should be discharged onto a designated disposal area or, if this is unavailable, onto unused land away from desirable plants and watercourses.

RESISTANCE WEEDS WARNING

GROUP 4 HERBICIDE

APPARENT WOODY EXTRA HERBICIDE is a member of the pyridines group of herbicides. The product has the disrupters of plant cell growth mode of action. For weed resistance management, the product is a Group 4 herbicide. Some naturally-occurring weed biotypes resistant to the product and other Group 4 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 the product or other Group 4 herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use AIRR Apparent Pty Ltd accepts no liability for any losses that may result from the failure of this product to control resistant weeds. Strategies to minimise the risk of herbicide resistance are available. Contact your farm chemical supplier, consultant, local Department of Agriculture, or local AIRR Apparent representative.

Precautions:

PROTECTION OF LIVESTOCK

Poisonous plants may become more palatable after spraying and stock should be kept away from these plants until they have died down. Many plants remain poisonous after death, and stock should not be allowed access, as there is a likelihood that they may graze the dead material. Such material should be burnt if possible.

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

Crops susceptible to APPARENT WOODY EXTRA HERBICIDE include, but are not limited to: peas, lupins, lucerne, navy beans, peanuts, soybeans and other legumes, cotton, flowers, fruit, hops, ornamentals, shade trees and *Pinus* spp., potatoes, safflower, sugar beet, sunflowers, tobacco, tomatoes, vegetables and vines.

APPARENT WOODY EXTRA HERBICIDE is damaging to susceptible crops during both growing and dormant periods. Grasses are normally unaffected and establish quickly after treatment. Picloram and aminopyralid, two of the active constituents in this product can remain active in the soil for extended periods depending on soil type and application rate, rainfall, temperature, humidity, soil moisture and soil organic matter.

DO NOT apply under weather conditions, or from spraying equipment, that may cause spray to drift onto nearby susceptible plants/crops, cropping lands, pastures, waterways or native vegetation. DO NOT allow physical spray drift onto waterways, native vegetation and susceptible crops.

DO NOT apply close to, or in areas, containing roots of desirable vegetation, where treated soil may be washed onto areas growing (or areas to be planted with) desirable plants. DO NOT apply on sites where surface water from heavy rain can be expected to run off to areas containing, or to be planted with susceptible crops or plants. DO NOT move soil, which may have been treated to areas where desirable plants are to be grown.

MANAGEMENT OF RESIDUES IN COMPOST, MULCHES AND ANIMAL WASTE.

DO NOT cut pasture for hay or silage production within 6 months of application, where it is intended for use off-farm. DO NOT use treated plant material to make, compost, mulches or mushroom substrate. DO NOT send straw from treated pastures off-farm for these purposes or for animal bedding. DO NOT send animal manure, dairy shed and feed pad effluent that has been collected from animals grazing or fed pastures treated within the previous 6 months off-farm. Spreading/irrigating this manure/effluent may cause damage to clover and other susceptible plants.

DO NOT send compost made from animal waste that has been collected from animals grazing or fed pastures treated within the previous 6 months off-farm. Such compost may cause damage to clover and other susceptible plants. DO NOT apply animal waste (e.g. manure, slurry) collected from animals grazing or fed pastures treated within the previous 6 months to susceptible plants or land to be used to grow susceptible plants.

DO NOT grow susceptible plants within the relevant plant back period in fields treated with manure/effluent from farms where animals have grazed or been fed treated pasture until a field bioassay shows there are no residues in the soil at levels injurious to the susceptible plants (see the MINIMUM RECROPPING PERIODS section). To promote herbicide decomposition, manure should be evenly incorporated in the surface soil. Breakdown of residues in decomposing plants or manure is more rapid under warm, moist soil conditions and may be enhanced by supplemental irrigation.

SOIL BIOASSAY

A simple bioassay can be conducted by collecting at least 10 spade spits of soil to a depth of 200 mm from around the paddock and thoroughly mixing the soil together. Place some of this soil in a shallow container to a depth of 3-5 cm and sow 100 seeds of the susceptible plant to be grown (subterranean or white clover is a good indicator plant where it is not practical to use the susceptible plant) into the soil. Keep in a warm and well lit location and ensure the soil does not dry out. After plant emergence, check the number of plants that have germinated and seedling vigour.

Symptoms of APPARENT WOODY EXTRA HERBICIDE residues include non-germination or low plant emergence, leaf cupping, leaf whitening, stem elongation and twisting. If these symptoms occur do not grow the susceptible plant. Repeat the bioassay again after a further time interval. Further information on residues in composts, mulches and animal wastes can be found at www.apparentag.com.au.

STORAGE AND DISPOSAL

Store in the closed, original container in a cool, well ventilated area. DO NOT store for prolonged periods in direct sunlight.

DO NOT store near food, feedstuffs, fertilisers or seed. The method of disposal of the container depends on the container type. Read the STORAGE AND DISPOSAL instructions on the label attached to the container.

5, 10 and 20 L containers: This container can be recycled if it is clean, dry, free of visible residues and has the drumMUSTER logo visible. Triple rinse container for disposal. Dispose of rinsate by adding to

the spray tank. Do not dispose of undiluted chemicals on site. Wash outside of the container and the cap. Store cleaned container in a sheltered place with cap removed. It will then be acceptable for recycling at any drumMUSTER collection or similar container management site. The cap should not be replaced but may be taken separately. 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.

500 mL and 1L containers: Triple-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 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.

SPILL MANAGEMENT

Do not touch or walk through spilled material. Wear a face-shield or goggles, overalls buttoned to neck and wrist, chemical resistant gloves and footwear. Stop leak when safe to do so. Dam the area and prevent entry into waterways, and drains.

Small spills/leaks: Absorb with material such as sand, soil or sawdust. Collect spilled product and place in sealable container for disposal. Spill residues may be cleaned using water and detergent. Contain and absorb wash water for disposal. Absorb and collect washings and place in the same sealable container for disposal. Dam the area of large spills/leaks and report them to AIRR Apparent Pty Ltd.

SAFETY DIRECTIONS

Will irritate the eyes and skin. Avoid contact with eyes and skin. If product in eyes, wash it out immediately with water. When opening the container and preparing the spray, wear cotton overalls buttoned to the neck and wrists (or equivalent clothing), elbow-length PVC or nitrile gloves and a face shield or goggles. When using the prepared spray with hand-held application equipment, wear cotton overalls buttoned to the neck and wrists (or equivalent clothing), elbow-length PVC or nitrile gloves. Wash hands after use. After each day's use, wash gloves face shield or goggles and contaminated clothing.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone: Australia 13 11 26, New Zealand 0800 764 766. If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.

SAFETY DATA SHEET

Additional information is listed in the safety data sheet (SDS). A safety data sheet is available from AIRR Apparent Pty Ltd on request.

CONDITIONS OF SALE

The use of Apparent Woody Extra Herbicide being beyond the control of the manufacturer, no warranty expressed or implied is given by AIRR 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 AIRR Apparent Pty Ltd accepts no responsibility for any consequence whatsoever resulting from the use of this product.

blank page