

POISON

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

Trooper[®] 75-D Herbicide

ACTIVE CONSTITUENTS: 300 g/L 2,4-D present as the triisopropanolamine salt
 75 g/L PICLORAM present as the triisopropanolamine salt

GROUP	I	HERBICIDE
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For the control of a wide range of annual and perennial broadleaf weeds, as specified in the Directions for Use.

This is a PHENOXY HERBICIDE that can cause severe damage to susceptible crops.

IMPORTANT: READ THE ATTACHED LEAFLET BEFORE USING THIS PRODUCT

Crop Care Australasia Pty Ltd
 ACN 061 362 347
 Unit 17/16 Metroplex Avenue, Murarrie QLD 4172
 Tel: (07) 3909 2000



APVMA Approval No.: 62751/106428

Contents: 5L
 Contents: 20L
 Contents: 110L
 Contents: 1000L

STORAGE AND DISPOSAL**(5L, 20L only)**

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 or dip. DO NOT dispose of undiluted chemicals onsite. 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 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.

Envirodrum 110L Mini Bulk Returnable Container

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 the security seal. DO NOT contaminate the Envirodrum with water or any 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.

Refillable containers (1000L only)

Store in the closed, original container in a cool, well-ventilated area away from children, animals, food, feedstuffs, seed and fertilizers. 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.

SMALL SPILL MANAGEMENT

Wear protective equipment (see SAFETY DIRECTIONS). Apply absorbent material such as earth, sand, cat litter or clay granules to the spill. Sweep up material for disposal when absorption is completed and contain in a refuse vessel for disposal (see STORAGE AND DISPOSAL section). If necessary wash the spill area with an alkali detergent and water and absorb the wash liquid for disposal as described above.

SAFETY DIRECTIONS

Poisonous if swallowed. Avoid contact with eyes and skin. DO NOT inhale spray mist. When preparing spray and using the prepared spray, wear PVC or rubber apron, elbow length PVC gloves and face shield. If product on skin, immediately wash area with soap and water. After use and before eating, drinking or smoking, wash hands, arms, and face thoroughly with soap and water. After each day's use wash gloves, face shield and contaminated clothing.

FIRST AID

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

MATERIAL SAFETY DATA SHEET

Additional information is listed in the Material Safety Data Sheet which can be obtained from your supplier or from the Crop Care website – www.cropcare.com.au

Conditions of sale

Crop Care Australasia Pty Ltd will not accept any responsibility whatsoever and howsoever arising and whether for consequential loss or otherwise in connection with the supply of these goods other than responsibility for the merchantable quality of the goods and such responsibilities mandatorily imposed by Statutes applicable to the sale or supply of these goods. To the extent allowed by such Statutes the liability of Crop Care Australasia Pty Ltd is limited to the replacement of the goods or (at the option of Crop Care Australasia Pty Ltd) the refund of the price paid and is conditional upon a claim being made in writing and where possible sufficient part of the goods to enable proper examination being returned to Crop Care Australasia Pty Ltd within thirty days of delivery.

In a Transport Emergency Dial 000 Police or Fire Brigade	SPECIALIST ADVICE IN EMERGENCY ONLY 1800 033 498 ALL HOURS - AUSTRALIA WIDE
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® Trooper is a registered trademark of, or used under licence by Crop Care Australasia Pty Ltd
BN / DOM / Barcode / drumMuster

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DIRECTIONS FOR USE RESTRAINTS

DO NOT apply to crops or weeds which are not actively growing or to plants which may be stressed (not actively growing) due to prolonged periods of extreme cold, moisture stress (water-logged or drought affected) or previous herbicide treatment, as crop damage or reduced levels of control may result.

DO NOT use in high winds.

DO NOT spray if rain is likely to occur within 4 hours.

DO NOT apply close to, or on areas, containing roots of desirable vegetation, where treated soil may be washed into areas growing, or to be planted to, desirable plants, or on sites where surface water from heavy rain can be expected to run off to areas containing, or to be planted to, susceptible crops or plants.

DO NOT move soil which may have been sprayed to areas where desirable plants are to be grown.

Picloram, one of the active constituents in this product remains active in the soil for extended periods depending on the rate of application, soil type, rainfall, temperature, humidity, soil moisture and soil organic matter.

In some states some uses of this product are controlled by legislation. Check with your local Department of Agriculture or Primary Industry for details.

TABLE 1: WINTER CEREALS (WHEAT, BARLEY, OATS AND TRITICALE)

CROP GROWTH STAGE	WEEDS CONTROLLED	WEED GROWTH STAGE	STATE	RATE	CRITICAL COMMENTS
Apply from 3-4 tiller stage to start of jointing (first node) Z23-31 for least effect on the crop	Climbing buckwheat (Black bindweed), New Zealand spinach, Docks, Doublegee (Spiny emex), Saffron thistle, Sow thistle	Young rosette or seedling plants up to 8 true leaves	Qld and NSW only	300mL/ha	Winter cereals may be treated using an aircraft or ground boom (see APPLICATION section). For best control of climbing buckwheat, apply early as this weed becomes increasingly difficult to control as it becomes larger.
	Mustards, Radish, Turnip weed, Hexham scent, Mintweed, Variegated thistle, Sunflower, Wireweed ¹			300mL/ha + 335mL Amicide® Advance 700	The additional 2,4-D is required for effective control of these weeds.
	Skeleton weed		SA only	¹ Suppression only - spray early.	

TABLE 2: STUBBLE OR FALLOW LAND PRIOR TO SOWING WINTER CEREALS

WEEDS CONTROLLED	WEED GROWTH STAGE	STATE	RATE	CRITICAL COMMENTS
<i>Amaranthus</i> spp., Bathurst burr, Bellvine, Fat hen, Morning glory, Noogoora burr, Parthenium weed, Redroot amaranth, Sesbania pea, Stinking Roger, Thornapple (<i>Datura</i> spp.)	Young rosette or seedling plants up to 25cm height or diameter.	Qld only	1L/ha	May be applied using an aircraft or ground boom (see APPLICATION section). This rate will provide control of weeds present at the time of application and residual control of later germinations. DO NOT apply two months prior to sowing Winter cereals as some damage to the crop may occur, particularly if conditions are dry after application.
Fleabane (<i>Conyza</i> spp.)		Qld and NSW only	700mL/ha + glyphosate	Rate of glyphosate required determined by the grass species present at application. The rate of glyphosate for fallow grass control can be found on glyphosate products such as Roundup® Attack, Roundup® DST or Credit® label under the fallow sections of the label.

TABLE 3: SUMMER CEREALS (SORGHUM AND MAIZE) – NSW and Qld only

CROP GROWTH STAGE	WEEDS CONTROLLED	WEED GROWTH STAGE	RATE	CRITICAL COMMENTS
Spray when the crop has between 4 and 6 fully expanded leaves and secondary roots have developed.	Thornapple (<i>Datura</i> spp.) and other broadleaf weeds including: Amaranthus spp., Annual ground cherry, Bladder ketmia, Caltrop, Bellvine, Black pigweed, Mintweed, Noogoora burr, Red pigweed, Sesbania pea, Wild gooseberry, Wandering Jew	Young rosette or seedling plants up to 15cm height or diameter	330mL/ha or 500mL/ha + 1.25L or 1.67L Nufarm Nu-trazine 600 Herbicide (OR + 830g or 1.1kg Nu-trazine 900DF)	Use the lower rate when weeds are small and actively growing. Use the higher rate for larger weeds. Caution: If rotating to atrazine susceptible crops DO NOT apply later than November. Add either a wetter or a crop oil as required according to the Nu-trazine label. DO NOT add a crop oil when using on sorghum.
	(<i>Datura</i> spp.) and other broadleaf weeds, as listed above.		500mL/ha + 250mL Amicide® Advance 700	This mixture will result in reduced residual control of <i>Datura</i> spp. Caution: This mixture may cause crop damage. To minimise damage, avoid applying these chemicals when the crop is rapidly growing under high temperature and soil moisture conditions. Use droppers and avoid spraying the growing points of the crop. DO NOT cultivate for 10-14 days after application while plants are brittle. For further advice seek information from your State agriculture department or your local spray adviser.

TABLE 4: SUGAR CANE (Qld only)

CROP GROWTH STAGE	WEEDS CONTROLLED	WEED GROWTH STAGE	RATE	CRITICAL COMMENTS
Vegetative	Sicklepod	Less than 50cm tall	700mL/ha + 715mL Amicide Advance 700	May be applied using an aircraft using at least 50L/ha of water or ground boom using at least 200L/ha of water (see APPLICATION section). Always add Bonza® Spray Adjuvant at 1L/200L, or a 100% concentrate non-ionic surfactant such as Chemwet 1000 at 200mL/200L or spray mixture. Apply only once per season. DO NOT add Amicide Advance 700 to known 2,4-D susceptible varieties.
		50 to 100cm tall	1L/ha + 715mL Amicide Advance 700	
		Greater than 100cm tall	1.5L/ha + 715mL Amicide Advance 700	

TABLE 5: STEM INJECTION APPLICATION

Dilution Rate: Mix 1 part Trooper® 75-D with 1.5 parts water.

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	APPLICATION RATE	CRITICAL COMMENTS
<i>Eucalyptus</i> spp.	Seedling regrowth no more than 2m high	Qld, NSW, Vic, SA and WA only	2mL of diluted chemical per cut	Most timber regrowth can be controlled by stem injection application.
Zamia Palm	Any time	Qld only		Inject 1mL into growing point for every 2.5cm of plant stem diameter.

TABLE 6: CUT STUMP 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	RATE	CRITICAL COMMENTS
<i>Eucalyptus</i> spp.	Seedling regrowth no more than 2m high	Qld, NSW, Vic, SA and WA only	500mL/10L water	Most timber regrowth can be controlled by cut stump application.
Hawthorn	During full leaf	Vic only	Undiluted	Apply undiluted to freshly cut stump
Tree of Heaven		Qld, NSW, Vic, SA, WA only		

TABLE 7: HIGH VOLUME 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	RATE	CRITICAL COMMENTS
Alkali sida	Pre-flowering	Qld, NSW, Vic and WA only	300mL/100L water	
		SA only	150mL/100L water	
Amsinckia (Yellow burr weed)	During rosette stage	Vic and SA only	75mL/100L water	
Apple-of-Sodom	Flowering to early fruiting	Vic only	650mL/100L water	
		SA only	300mL/100L water	
Artichoke thistle	Late Winter to Spring before flowering	Vic only	200mL/100L water	Use double rate at flowering.
		SA only	125mL/100L water	
Bindweed	During budding	Qld, NSW, Vic, SA and WA only	1.3L/100L water	
Blackberry	December-January	Vic only	1.3L/100L water	Spray regrowth in Autumn.
Black knapweed			650mL/100L water	Spray plant and soil for 1m around base of plant.
Bladder campion	August pre-flowering	SA only		
Boneseed (Bitou bush)	Flowering to fruiting	Qld, NSW, Vic, SA and WA only	650mL/100L water	Treat freshly cut stumps with 1L/10L water at any time.
		Qld only	150-300mL/100L water	Use higher rate on older plants. Add a non-ionic wetting agent.
Boxthorn, African	Prior to bud burst	Qld, NSW, Vic, WA only	1.3L/100L water	Treat small plants only. Thorough coverage essential. Spray soil to drip line.
Broom, Cape	Prior to pod formation	SA only	300mL/100L water	Thoroughly wet foliage and soil around base of plant.
Broom, English		Vic, SA only		
Burr ragweed		Qld only	650mL/100L water	
Californian (perennial) thistle	During budding stage	Qld, NSW, Vic SA, WA only		
Camel thorn		SA and Vic only	1.3L/100L water	
Cape honey flower	At flowering stage	Qld, NSW, Vic, SA, WA only	650mL/100L water	
Chilean or Green Cestrum	During full leaf			
Chinese shrub	Autumn	Vic only		
Colocynth	Seedling and established plants	Qld, NSW, Vic, SA, WA only	300mL/100L water	
Crofton weed	All stages		650mL/100L water	Very susceptible
Cut leaf Mignonette	Before flowering	SA only		
Devil's fig		Qld, NSW, Vic, SA, WA only	650mL/100L water	
Docks	Full leaf to early flowering		75-150mL/100L water	Use lower rate on seedlings only.
Dog Rose	During Summer	SA only	650mL/100L water	
Eucalypts	NA	Qld, NSW, Vic, SA, WA only		DO NOT treat seedlings more than 2m high.
Garlic, Wild	Before new bulbils form	Vic only	300mL/100L water	
		SA only	250mL/100L water	
Golden thistle	Seedling and rosette stage	Qld, NSW, SA, WA only	300mL/100L water	
		Vic only	500mL/100L water	
Gorse (Furze)	Spring			
Groundsel bush		Qld, NSW only	650mL/100L water	Thorough coverage needed.
Heliotrope, Blue			1L/100L water	
Hoary cress	Rosette to pre-flowering	SA only	1.3L/100L water	

AGRICULTURAL NON-CROP AREAS, COMMERCIAL AND INDUSTRIAL AREAS, PASTURES AND RIGHTS-OF-WAY				
WEEDS CONTROLLED	WEED GROWTH STAGE	STATE	RATE	CRITICAL COMMENTS
Inkweed	During full leaf	Qld, NSW, Vic, SA, WA only	500mL/100L water	
Khaki weed	During full leaf in Summer		650mL/100L water	
Knapweed, Creeping	During late Spring to Summer	Vic, SA only	1.3L/100L water	
		Qld, NSW, WA only	1.3-2L/100L water	
Lantana	March-May	Qld, NSW, Vic, SA, WA only	650mL/100L water	Thoroughly wet foliage and soil around base of plant.
Limebush		Qld only	1.3L/100L water	Thorough coverage to point of run off.
Mayne's pest			600mL/100L water	Thorough coverage essential.
Mistflower		Qld, NSW, Vic, SA, WA only	650mL/100L water	
Onion weed	Pre-flower	Vic, SA only	75mL/100L water + 125mL diquat (200g/L)	
Ox-eye Daisy	Up to early flowering	Vic only	150mL/100L water	Respraying will be necessary.
Pampas Lily-of-the-valley		Vic, SA only	650mL/100L water	
Parthenium weed	During rosette stage	Qld, NSW only	125mL/100L water	See Table 2. Use at least 3000L water/ha in dense infestations.
Paterson's curse (Salvation Jane)	Rosette to pre-flowering	Qld, NSW, Vic, SA, WA only	150mL/100L water	
Prairie ground cherry	Flowering to fruiting	Vic only	300mL/100L water	Retreatment will be necessary.
Quena (Tomato weed)		Qld, NSW, Vic, SA, WA only	650mL/100L water	
Ragwort	Rosette to cabbage stage	Qld, NSW, Vic, WA only	300mL/100L water	
		SA only	150mL/100L water	
Rubber vine		Qld only	1.3L/100L water	Thoroughly wet leaves and also the soil around the base of plant.
St.John's wort	Late Spring to early Summer, during flowering to early seed set	ACT, Qld, NSW, SA, Vic and WA only	500mL/100L water	Apply by calibrated handgun with D5 or D6 (2-3mm) nozzle plate and operated at 400-500kPa (60-70psi). Apply 3000L/ha (i.e. 3L/10m ²) to dense infestations. Regrowth and seedlings may be retreated the following season.
Sicklepod		Qld only	300mL/100L water	See also Table 4. In pastures a repeat spray may be necessary for control of subsequent seedling germination.
Silverleaf nightshade		NSW, Vic, SA only	650mL/100L water	
Skeleton weed	Summer and Autumn	Qld only	1.3-2L/100L water	See Table 1.
	Winter	Vic, SA only	650mL/100L water	
	Summer and Autumn	NSW, WA only	1.3-2L/100L water	
Smartweed	Seedling to pre-flowering	Qld, NSW, Vic, SA, WA only	150mL/100L water	Very susceptible.
Spiny broom	During full leaf stage	Vic only	650mL/100L water	NA
Doublegee (Spiny emex)		Qld, NSW, Vic only	300mL/100L water	See Table 1.
Star thistle	Seedling to rosette	Qld, NSW, Vic, SA, WA only	300-500mL/100L water	Use higher rate for older plants.
Sweet briar	Full leaf to ripe fruit		650m/100L water	Spray thoroughly.
Tangled hypericum		Vic only		NA
Thornapple (<i>Datura</i> spp.)		Qld, NSW only	150-300mL/100L water	Use higher rate on older plants.
Tree-of-Heaven	Plants during full leaf up to 1.5m high	Qld, NSW, Vic, SA, WA only	650m/100L water	
Tufted honey flower	All growth stages	Vic only	650mL/100L water	NA
Tutsan	During full leaf			Results can be variable.
Variiegated thistle	Rosette to pre-flowering	Qld, NSW, Vic, SA, WA only	150-300mL/100L water	Use higher rate on mature plants. See Table 1.
Wild tobacco tree	During full leaf	Qld only	650m/100L water	Very susceptible.

TABLE 8: 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	STATE	RATE	CRITICAL COMMENTS
Alkali sida	Pre-flowering	Qld, NSW, Vic, SA and WA only	3.5L/ha	
<i>Amaranthus</i> spp.		Qld, NSW only	1L/ha	See Table 2.
Amsinckia (Yellow burr weed)	During rosette stage	Vic and SA only	2L/ha	
Annual ground cherry		Qld, NSW only	1L/ha	
Artichoke thistle	Late Winter to Spring before flowering	Vic only	7.5L/ha	SA - Use double rate at flowering.
		SA only	2.5L/ha	
Bathurst burr		Qld, NSW only	1L/ha	See Table 3.
Bellvine				
Bindweed	During budding	Qld, NSW, Vic, SA and WA only	7.5L/ha	
Bladder Ketmia	NA	Qld, NSW only	300mL/ha + 335mL Amicide Advance 700	
Borreria (Square weed)	Flowering to fruiting	Qld only	1-2.5L/ha	Use higher rate on older plants. Add a non-ionic wetting agent.
Caltrop (Yellow vine)		Qld, NSW only	300mL/ha + 335mL Amicide Advance 700	
Camel thorn		Vic only	30L/ha	
Climbing buckwheat (Black bindweed)	Early growth stage	Qld, NSW only	300mL/ha	See Table 1.
Cobbler's Peg			1L/ha	
Fat hen				See Table 2.
Garlic, Wild	Before new bulbils form	Vic only	7.5L/ha	
		SA only	5.5L/ha	
Golden thistle	Seedling and rosette stage	Qld, NSW, SA, WA only	3.5L/ha	
		Vic only	4L/ha	
Heliotrope, Common		Qld, NSW only	300mL/ha	
Hexham Scent			300mL/ha + 335mL Amicide Advance 700	See Table 1.
Knapweed, Creeping	During late Spring to Summer	Vic only	7.5L/ha	
Lucerne		Qld, NSW only	1L/ha	
Mexican poppy				
Mintweed			300mL/ha + 335mL Amicide Advance 700	See Table 1.
Morning glory		Qld only	1L/ha	See Table 2.
Mustards		Qld, NSW only	300mL/ha + 335mL Amicide Advance 700	See Table 1.
New Zealand spinach			1L/ha	
Noogoora burr				See Table 2.
Onion weed	Pre-flower	Vic, SA only	2L/ha + 3L diquat (200g/L)	NA
Ox-eye Daisy	Up to early flowering	Vic only	4L/ha	Respraying will be necessary.
Parthenium weed	During rosette pre-flowering	Qld, NSW only	3L/ha	See Table 2.
Paterson's curse (Salvation Jane)	Rosette to pre-flowering	SA only	4L/ha	
Pigweed, black		Qld, NSW only	1L/ha	
Potato weed		Qld, NSW only	1L/ha	
Prairie ground cherry	Flowering to fruiting	Vic only	7.5L/ha	Retreatment will be necessary
Radish, Wild		Qld, NSW only	300mL/ha + 335mL Amicide Advance 700	See Table 1.
Ragwort	Rosette to cabbage stage	Qld, NSW, WA only	3.5L/ha	
		Vic, SA only	4 L/ha	
Redroot (<i>Amaranthus</i> spp.)		Qld, NSW only	1L/ha	See Table 2.
Redshank (<i>Amaranthus</i> spp.)				
Saffron thistle			300mL/ha	See Table 1.
Sesbania pea			1L/ha	See Table 2.
Sicklepod		Qld only	700mL-1.5L/ha + 715mL Amicide Advance 700	See also Table 4. In pastures a repeat spray may be necessary for control of subsequent seedling germination.
Silverleaf nightshade		NSW, Vic, SA only	15L/ha	
Skeleton weed	Summer and Autumn	Qld only		See Table 1.
	Winter	Vic only		
		SA only	300mL/ha + 335mL Amicide Advance 700	
	Summer and Autumn	NSW, WA only	15-22L/ha	
Sowthistle		Qld, NSW only	300mL/ha	See Table 1.

AGRICULTURAL NON-CROP AREAS, COMMERCIAL AND INDUSTRIAL AREAS, PASTURES AND RIGHTS-OF-WAY				
WEEDS CONTROLLED	WEED GROWTH STAGE	STATE	RATE	CRITICAL COMMENTS
Doublegee (Spiny emex)		Qld, NSW only	300mL/ha	See Table 1.
Star thistle	Seedling to rosette	Qld, NSW, Vic, SA, WA only	3.5-7.5L/ha	Use higher rate for older plants.
Stinking Roger		Qld, NSW only	1L/ha	See Table 2.
Sunflower			300mL/ha + 335mL Amicide Advance 700	See Table 1.
Thornapple (<i>Datura</i> spp.)		Qld only	500mL/ha + 250mL Amicide Advance 700	See Table 3.
Turnip weed		Qld, NSW only	300mL/ha + 335mL Amicide Advance 700	See Table 1.
Variegated thistle		Rosette to pre-flowering	Vic, SA, WA only	2-4L/ha
Wandering Jew		Qld, NSW only	300mL/ha + 335mL Amicide Advance 700	See Table 1.
Wireweed			1L/ha	
			300mL/ha + 335mL Amicide Advance 700	See Table 1.

OPTICAL SPOT SPRAY TECHNOLOGIES

Note Calibrate the sprayer to spray the equivalent of 100L/ha

For weed cover between 0 and 30%. If percentage weed cover exceeds 30% use approved boom spray rates.

SITUATION	WEEDS	RATES	CRITICAL COMMENTS
Fallow	Caltrop (Yellow vine)	1-2L/100L	Apply to rosette to flowering plants. Use higher rate on late flowering/mature plants or plants under moisture stress. Check plant back windows before use.
	Fleabane	2L/100L	Apply to rosette to flowering plants. Use higher rate on late flowering/mature plants or plants under moisture stress. Check plant back windows before use.
	Sowthistle	2-4L/100L	Apply to rosette to flowering plants. Use higher rate on late flowering/mature plants or plants under moisture stress. Check plant back windows before use.

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

WITHHOLDING PERIOD

DO NOT GRAZE OR CUT CROPS (EXCEPT SUGAR CANE) OR PASTURES FOR STOCK FOOD FOR 7 DAYS AFTER APPLICATION.

SUGAR CANE: DO NOT HARVEST FOR 8 WEEKS AFTER APPLICATION

DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 8 WEEKS AFTER APPLICATION.

GENERAL INSTRUCTIONS**SPRAY APPLICATIONS AND DRIFT RISK ASSESSMENT**

DO NOT apply when wind speed is less than 3 or more than 20 kilometres per hour (ground application) as measured at the application site.

DO NOT apply when wind speed is less than 3 or more than 15 kilometres per hour (aerial application) as measured at the application site.

USE ONLY COARSE or larger spray quality according to the ASAE S572 definition for standard nozzles.

For aerial application it is recommended where possible for this product to be applied by an aerial applicator business that holds current accreditation for the Aerial Application Management System issued by the Aerial Agricultural Association of Australia Ltd.

Checklist:

- Have you cleaned/decontaminated your boom sprayer?
- Have you contacted your neighbour prior to spraying?
- Is your sprayer set-up correctly for the particular application?
- Check
 - boom calibration
 - at nozzle - nozzle choice
 - low drift/what spray quality
 - coarse or larger spray quality?
 - boom height - speed of intended application
 - water volume
- You must check, determine and record the weather conditions immediately prior to, and immediately after the spray application is made.
- Record
 - Temperatures
 - Relative Humidity
 - Delta T
 - Wind speed
 - Is there a temperature inversion?
- Night Spraying - Extra care is required to ensure that inversion conditions are not present. Use smoke generator to determine wind direction and presence of inversion conditions.



spraywisedecisions.com.au is an online weather forecasting program and is recommended for use when planning your pesticide application



When spraying in or near a cotton area, check online at cottonmap.com.au for the proximity of cotton fields

MIXING INSTRUCTIONS

Trooper 75-D mixes readily with water. Ensure the spray tank is free of any residue of previous spray materials. Flush chemical suction equipment with fresh water between products, and between fills, when adding to the spray solution.

1. Fill the spray tank with clean water to one half of the required amount and start agitation. DO NOT use mechanical agitators as these may cause excessive foaming when herbicides are added.
2. Where Bonus® is recommended, add to tank through top mesh screen.
3. Add recommended herbicide additive/insecticide to the spray tank and mix thoroughly.
4. Add Trooper75-D and mix thoroughly.
5. Top up tank to 95% of desired capacity then add the glyphosate product and the remaining water.
6. Always maintain adequate agitation during application and use the tank mix promptly.

ADJUVANTS: DO NOT add surfactants (such as Chemwet 1000) or crop oils (such as Bonza® Spray Adjuvant) unless specifically recommended to do so in the DIRECTIONS FOR USE Tables, 1 and 2.

APPLICATION

Trooper 75-D may be applied by:

Ground Boom: Spray using accurately calibrated equipment delivering 50-100L water/ha. DO NOT use less than 200L/ha in sugar cane. When treating maize and sorghum, the risk of crop injury will be reduced if dropper nozzles are used to avoid spraying the growing point of the crop. Misting machines and boom jet sprayers should not be used for treating crops.

Aircraft: Use accurately calibrated equipment to deliver not less than 20L water/ha. DO NOT use less than 50L/ha in sugar cane.

High volume: Apply using a calibrated handgun with D5 or D6 (2-3mm) nozzle plate and operated at 400-500kPa. Spray to thoroughly wet the weed, usually 2,500-3,500L water/infested ha is required.

Stem injection: Treat only trees with good sap flow. Make injection cuts at 13cm spacing around the diameter of the tree at waist height or at 15cm spacing at ground level. The cuts should be made using a 5-7cm wide narrow bladed axe.

The cut must be made through the bark and deep enough to place all the chemical in contact with the sap wood. Treat each stem of a multi stem tree where possible. Inject the chemical mix into each cut immediately after the cut is made. Apply the mix with a vaccinator or similar equipment which can be accurately calibrated or a tree injector which can apply the measured dose at or near ground level.

Injection at or near ground level is essential in the Traprock area of south-eastern Queensland and is preferred for optimum results in Bimble box (poplar box) areas.

Cut stump: Cut the trees as close to the ground as practicable, leaving stumps no higher than 10cm. Spray, swab or brush the chemical mix immediately to the freshly cut surface so as to thoroughly wet the surface. If the cut surface is oily, add a non-ionic wetting agent to assist penetration.

Frilling: Make successive overlapping cuts into the sapwood around the entire circumference of the base of the tree. Spray to thoroughly wet the frilled area.

Injecting spray into centre of weed: Inject using a vaccinator or similar equipment, 1mL of treatment mix into the growing point for each 2.5cm of the plant stem diameter. (See Zamia palm).

COMPATIBILITY

Trooper 75-D is compatible with: Amicide® Advance 700, Baton® Low, diquat, metsulfuron-methyl (Associate®), Matter®, (clodinafop), Broadhectare herbicide plus Bonus®, BS 1000, Atradex® WG, Cobber® 475, weedmaster® DST®, weedmaster® ARGO®, Gladiator® Optimax and Supercharge® Elite.

CLEANING SPRAY EQUIPMENT

After using Trooper 75-D, empty the tank completely and drain the whole system. Thoroughly wash inside the tank using a pressure hose, drain the tank and clean any tank, pump, line and nozzle filters.

To Rinse: After cleaning the tank as above, quarter fill the tank with clean water and circulate through the pumps, lines, hoses and nozzles. Drain and repeat the rinsing procedure twice.

To Decontaminate: Before spraying sensitive crops (see PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS section) wash the tank and rinse the system, as above. Quarter fill the tank and add an alkali detergent (e.g. liquid SURF®, OMO®, DRIVE® at 500mL/100L of water or the powder equivalent at 500g/100L of water) and circulate throughout the system for at least fifteen minutes. If using a concentrated laundry detergent use 250g (or mL)/100L water. DO NOT use chlorine based cleaners. Drain the whole system. Then remove filters, 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 (and away from plants and watercourses).

RESISTANT WEEDS WARNING

GROUP	I	HERBICIDE
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Trooper 75-D Herbicide contains members of the pyridine and phenoxy groups of herbicides. The product has the disruptors of plant cell growth mode of action. For weed resistance management, the product is a Group I Herbicide. Some naturally occurring weed biotypes resistant to the product and other Group I 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 this product or other Group I herbicides. Strategies to minimise the risk of herbicide resistance are available.

PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

Crops susceptible to Trooper 75-D include but are not limited to: peas, lupins, lucerne, navy beans, soybeans, and other legumes; cotton, fruit, hops, ornamentals, potatoes, safflower sugarbeet, sunflower, tobacco, tomatoes, vegetables and vines. DO NOT plant susceptible crops within 12 months of applying Winter or Summer cereal use rates of this product. Cereal crops and grasses can be sown safely after using Trooper 75-D. Rates in excess of these will result in more persistent soil residues. Therefore, DO NOT rotate susceptible plants until an adequately sensitive bioassay or chemical test shows that no detectable picloram is present within soil.

DRIFT WARNING

DO NOT allow spray to drift onto susceptible crops.

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.

Avoid spray drift onto susceptible crops such as cotton, tobacco, tomatoes, vines, lupins, fruit trees and ornamentals.

DO NOT use unless wind speed is more than 3 kilometres per hour and less than 15 kilometres per hour, as measured at the application site.

DO NOT apply with smaller than coarse to very coarse spray droplets according to the ASAE S572 definition for standard nozzles.

Equipment that has been used for application of Trooper 75-D should not be used for application of other materials to susceptible plants until it has been decontaminated.

PROTECTION OF LIVESTOCK

DO NOT graze or cut treated crops or plants for stock food except as specified under withholding periods. Poisonous plants may become more palatable after spraying and stock should be kept away from these plants until they have died down.

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

(5L, 20L only)

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 or dip. DO NOT dispose of undiluted chemicals onsite. 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 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.

Envirodrum 110L Mini Bulk Returnable Container

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 the security seal. DO NOT contaminate the Envirodrum with water or any 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.

Refillable containers (1000L only)

Store in the closed, original container in a cool, well-ventilated area away from children, animals, food, feedstuffs, seed and fertilizers. 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.

SMALL SPILL MANAGEMENT

Wear protective equipment (see SAFETY DIRECTIONS). Apply absorbent material such as earth, sand, cat litter or clay granules to the spill. Sweep up material for disposal when absorption is completed and contain in a refuse vessel for disposal (see STORAGE AND DISPOSAL section). If necessary wash the spill area with an alkali detergent and water and absorb the wash liquid for disposal as described above.

SAFETY DIRECTIONS

Poisonous if swallowed. Avoid contact with eyes and skin. DO NOT inhale spray mist. When preparing spray and using the prepared spray, wear PVC or rubber apron, elbow length PVC gloves and face shield. If product on skin, immediately wash area with soap and water. After use and before eating, drinking or smoking, wash hands, arms, and face thoroughly with soap and water. After each day's use wash gloves, face shield and contaminated clothing.

FIRST AID

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

MATERIAL SAFETY DATA SHEET

Additional information is listed in the Material Safety Data Sheet which can be obtained from your supplier or from the Crop Care website – www.cropcare.com.au

Conditions of sale

Crop Care Australasia Pty Ltd will not accept any responsibility whatsoever and howsoever arising and whether for consequential loss or otherwise in connection with the supply of these goods other than responsibility for the merchantable quality of the goods and such responsibilities mandatorily imposed by Statutes applicable to the sale or supply of these goods. To the extent allowed by such Statutes the liability of Crop Care Australasia Pty Ltd is limited to the replacement of the goods or (at the option of Crop Care Australasia Pty Ltd)

the refund of the price paid and is conditional upon a claim being made in writing and where possible sufficient part of the goods to enable proper examination being returned to Crop Care Australasia Pty Ltd within thirty days of delivery.

In a Transport Emergency Dial 000 Police or Fire Brigade	SPECIALIST ADVICE IN EMERGENCY ONLY 1800 033 498 ALL HOURS - AUSTRALIA WIDE
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