

STORAGE AND DISPOSAL

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

All other non-refillable containers

Triple rinse containers before disposal. Add rinsings to spray tank. **DO NOT** dispose of undiluted chemical on-site. 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 for appropriate disposal 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 and product. **DO NOT** re-use empty container for any other purpose.

Envirodrum - Micro Matic Valve (110L)

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 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.

Refillable Containers (1000L only)

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). If necessary wash the spill area with an alkali detergent and water and absorb the wash liquid for disposal as described above.

SAFETY DIRECTIONS

Harmful if inhaled or swallowed. Will damage the eyes. Will irritate the skin. Repeated exposure may cause allergic disorders. Avoid contact with the eyes and skin. When opening the container and preparing spray or using undiluted concentrate, wear cotton overalls buttoned to the neck and wrist and a washable hat and elbow-length chemical resistant gloves and face shield or goggles. When using the prepared spray, wear cotton overalls buttoned to the neck and wrist and a washable hat and elbow-length chemical resistant gloves. If applying by hand, wear half facepiece respirator with organic vapour/gas cartridge or canister. If product on skin, immediately wash area with soap and water. If product in eyes, wash it out immediately with 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 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*).

Refer to attached Leaflet for additional GHS Hazard & Precautionary Statements

SAFETY DATA SHEET

Additional information is listed in the Safety Data Sheet, which is available from your supplier or Imtrade Australia Pty Ltd website at www.imtrade.com.au

CONDITIONS OF SALE

Imtrade Australia Pty Ltd shall not be liable for any loss, injury, damage or death whether consequential or otherwise whatsoever or howsoever arising whether through negligence or otherwise in connection with the sale supply use or application of this product. The supply of this product is on the express condition that the purchaser does not rely on Imtrade's skill or judgment in purchasing or using the same and every person dealing with this product does so at his own risk absolutely. No representative of Imtrade Australia Pty Ltd has any authority to add to or alter these conditions.

POISON

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

IMTRADE

COMMANDER 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 4 HERBICIDE

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

THIS IS A PHENOXY HERBICIDE THAT CAN CAUSE SEVERE DAMAGE TO NATIVE VEGETATION AND
SUSCEPTIBLE CROPS SUCH AS COTTON, GRAPES, TOMATOES, OILSEED CROPS AND ORNAMENTALS.

IMPORTANT: Read the attached Leaflet before use.

UN 3082	ENVIRONMETALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S. (contains 2,4-D and PICLORAM)
In a Transport Emergency Dial 000 Police or Fire Brigade	
PG III	●3Z

APVMA Approval No: 63327/127861v



GROUP
4

FORM
SL

CONTENTS
5L-1000L



Batch No.
DOM:

IMTRADE
CropScience

17 Ocean St, Kwinana Beach WA 6167
08 9419 0333 | www.imtrade.com.au

POISON

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



IMTRADE COMMANDER 75-D HERBICIDE

**ACTIVE CONSTITUENT: 300 g/L 2,4-D present as the
TRIISOPROPANOLAMINE SALT
75 g/L PICLORAM present as the
TRIISOPROPANOLAMINE SALT**

GROUP

4

HERBICIDE

For the control of a wide range of annual and
perennial broadleaf weeds, as specified in
the Directions for Use Table

**THIS IS A PHENOXY HERBICIDE THAT CAN CAUSE
SEVERE DAMAGE TO NATIVE VEGETATION AND
SUSCEPTIBLE CROPS SUCH AS COTTON, GRAPES,
TOMATOES, OILSEED CROPS AND ORNAMENTALS**

**IMPORTANT: READ THIS LEAFLET THOROUGHLY
BEFORE OPENING OR USING THIS PRODUCT**

APVMA Approval No: 63327/127861v

Imtrade Australia Pty Ltd
ABN 13 090 151 134

17 Ocean Street, Kwinana, Western Australia 6167

Tel: (08) 9419 0333 Fax: (08) 9419 7516

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RESTRAINTS

- **DO NOT** exceed maximum application rate of 15L/ha (4500 g ae/ha).
- **DO NOT** apply if heavy rains or storms are forecast within 3 days.
- **DO NOT** irrigate to the point of runoff for at least 3 days after application.
- **DO NOT** exceed the maximum daily application rate by backpack spraying of 13.3L/day.
- **DO NOT** apply to crops or weeds which are not actively growing or to plants which may be stressed (not actively growing) or to plants which may be stressed, 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** 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 the product are controlled by legislation. Check with your local Department of Agriculture or Primary Industry for details.

SPRAY DRIFT RESTRAINTS

- **DO NOT** apply by a vertical sprayer.

Specific definitions for terms used in this section of the label can be found at www.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**. The **buffer zones** in the relevant buffer zone tables below provide guidance but may not be sufficient in all situations. 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 **wind speed** is between 3 and 20 kilometres per hour at the **application site** during the time of 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.

BOOM SPRAYERS

- **DO NOT** apply by a boom sprayer unless the following requirements are met:
 - o Spray droplets are not smaller than a **VERY COARSE spray droplet size category**.
 - o Minimum distances between the **application site** and downwind sensitive areas (see 'Mandatory buffer zones' section of the following table titled 'Buffer zones for boom sprayers') are observed.

Buffer Zones for Boom Sprayers

Application rate (/ha)	Boom Height above target canopy	Mandatory buffer zones (distances given in meters)				
		Bystander Areas	Natural Aquatic Areas	Pollinator Areas	Vegetation Areas	Livestock Areas
Up to 1L (300 g ae/ha)	0.5m or lower	0	0	0	0	0
	1.0m or lower		25		25	
Up to 2L (600 g ae/ha)	0.5m or lower		10		10	
	1.0m or lower		40		40	
Up to 5L (1500 g ae/ha)	0.5m or lower		30		30	
	1.0m or lower		75		75	
Up to 15L (4500 g ae/ha)	0.5m or lower		75		70	
	1.0m or lower		300		275	

AIRCRAFT

- **DO NOT** apply by aircraft unless the following requirements are met:
 - o Spray droplets are no smaller than a VERY COARSE **spray droplet size category**.
 - o For maximum release heights above the target canopy of 3m or 25% of wingspan or 25% of rotor diameter whichever is the greatest, minimum distances between the **application site** and downwind sensitive areas (see 'Mandatory buffer zones' section of the following table titled 'Buffer zones for aircraft') are observed.

Buffer Zones for Aircraft

Application rate (/ha)	Aircraft type	Mandatory buffer zones (distances given in meters)				
		Bystander Areas	Natural Aquatic Areas	Pollinator Areas	Vegetation Areas	Livestock Areas
Up to 1L (300 g ae/ha)	Fixed Wing	0	75	0	75	0
	Helicopter		60		60	
Up to 2L (600 g ae/ha)	Fixed Wing		120		120	
	Helicopter		90		85	
Up to 5L (1500 g ae/ha)	Fixed Wing		230		220	
	Helicopter		160		150	
Up to 15L (4500 g ae/ha)	Fixed Wing		725		70	
	Helicopter		350		325	

Additional USAGE restrictions apply in some crops, states and seasons, see Restriction Tables 1, 2 and 3 below:

Table 1: Application and timing restrictions for application to Pastures

DO NOT apply above maximum rate (L/ha) below OR label rate, whichever is LOWEST					
Pastures (prior to sowing, conservation tillage)	State	Summer	Autumn	Winter	Spring
	Queensland & NT	11	11	11	11
	New South Wales & ACT	11	11	11	11
	Victoria	1.2	3.5	11	3.5
	Tasmania	1.2	2.6	7.4	3.5
	South Australia	2.4	3.5	11	7.4
	Western Australia	3.5	7.4	11	7.4
Pastures (established)	State	Summer	Autumn	Winter	Spring
	Queensland & NT	15	15	15	15
	New South Wales & ACT	15	15	15	15
	Victoria	2.0	4.0	15	7.5
	Tasmania	1.4	3.5	10	6.6
	South Australia	3.0	6.6	15	11
	Western Australia	7.5	11	15	11

Table 2: Timing restrictions for spraying Sugarcane

Rate (L/ha)	Region	Timing Restriction
		DO NOT APPLY DURING THE MONTHS
Up to 3.2	Wet Tropics	No timing restriction
	Burdekin	No timing restriction
	Mackay/Whitsunday	October to November
	Mary/Burnett	No timing restriction
	Northern NSW	No timing restriction

Table 3: Risk mitigation measures for Dryland cropping, pre-emergent uses

Situation	Risk Mitigation Measures
Dryland cropping, Preparatory spray	Only apply in no-till farming systems (Tasmania, South Australia)
Winter cereals, pre-emergence uses	Only apply in no-till farming systems (Tasmania, South Australia, Western Australia)
Summer cereals, pre-emergent uses	Only apply in no-till farming systems (Tasmania, South Australia)

DIRECTIONS FOR USE:

Table 1: Control of Weeds in Crops, Pasture and Fallow.

CROP OR SITUATION	WEEDS CONTROLLED	STATE	RATE/ha	CRITICAL COMMENTS
Stubble or Fallow Land prior to sowing Winter Cereals	<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.)	Qld only	1L	Apply to young rosette or seedling plants up to 25cm height or diameter. 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 (2) months prior to sowing Winter Cereals as some damage to the crop may occur, particularly if conditions are dry after application. USAGE RESTRICTIONS APPLY: See TABLE 3: Risk mitigation measures for Dryland cropping, pre-emergent uses under RESTRAINTS.
	Fleabane (<i>Conyza</i> spp.)	Qld, NSW only	700 mL + glyphosate	Rate of glyphosate required determined by the grass species present at application. USAGE RESTRICTIONS APPLY: See TABLE 3: Risk mitigation measures for Dryland cropping, pre-emergent uses under RESTRAINTS.
Post-sowing Winter Cereals , including Barley, Canary Grass, Oats, Triticale, Wheat	Climbing Buckwheat (Black Bindweed, Ivy Vine), New Zealand Spinach, Docks, Doublegee (Spiny Emex), Saffron Thistle, Sow Thistle	Qld, NSW and ACT only	300 mL	Apply from 3-4 tiller stage to start of jointing (first node) Z23 to Z31 for least effect on the crop. Apply to young rosette or seedling weeds up to 8 true leaves. 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#	Qld, NSW only	300 mL + 470 mL of 2,4-D amine (500g/L)	Apply from 3-4 tiller stage to start of jointing (first node) Z23 to Z31 for least effect on the crop. Apply to young rosette or seedling weeds up to 8 true leaves. The additional 2,4-D is required for effective control of these weeds. #Suppression only – spray early.
	Skeleton Weed	SA only		

Table 1: Control of Weeds in Crops, Pasture and Fallow (Cont'd).

CROP OR SITUATION	WEEDS CONTROLLED	STATE	RATE/ha	CRITICAL COMMENTS
Summer Cereals Maize Sorghum	Thornapple (<i>Datura</i> spp.) and other broadleaf weeds including: <i>Amaranthus</i> spp. Annual Ground Cherry Bathurst Burr, Bladder Ketmia, Caltrop, Bellvine, Cobbler's Peg Docks, Fat Hen, Lucerne, Mexican Poppy, Mintweed, Morning Glory, New Zealand Spinach, Noogoora Burr, Parthenium Weed, Pigweed, Potato Weed, Redroot Amaranth, Redshank, Sesbania Pea, Stinking Roger, Wandering Jew	Qld, ACT and NSW only	1L	<p>Spray when the crop has between 4 and 6 fully expanded leaves and secondary roots have developed.</p> <p>Apply to young rosette or seedling plants up to 25cm height or diameter.</p> <p>Imtrade Commander 75-D Herbicide alone or in mixture with atrazine or 2,4-D may be applied using an aircraft or ground boom (see APPLICATION SECTION).</p> <p>When using a ground boom the risk of crop injury will be reduced if dropper nozzles are used to avoid spraying onto the growing points of the crop.</p> <p>This rate is required for full season control of <i>Datura</i> spp.</p>
	Thornapple (<i>Datura</i> spp.) and other broadleaf weeds including: <i>Amaranthus</i> spp., Annual Ground Cherry, Bathurst Burr, Bladder Ketmia, Caltrop, Bellvine, Cobbler's Peg, Docks, Fat Hen, Lucerne, Mexican Poppy, Mintweed, Morning Glory, New Zealand Spinach, Noogoora Burr, Parthenium Weed, Pigweed, Potato Weed, Redroot		330 or 500 mL/ha. + 1.25L or 1.67L/ha atrazine flowable (600g/L) or an equivalent granular product	<p>Spray when the crop has between 4 and 6 fully expanded leaves and secondary roots have developed.</p> <p>Apply to young rosette or seedling plants up to 15cm height or diameter.</p> <p>Use the lower rate when weeds are small and actively growing. Use the higher rate for larger weeds.</p> <p>Caution: If rotating to atrazine susceptible crops DO NOT apply later than November.</p> <p>Add either a wetter or a crop oil as required accordingly to the atrazine label. DO NOT add a crop oil when using on Sorghum.</p>

Table 1: Control of Weeds in Crops, Pasture and Fallow (Cont'd).

CROP OR SITUATION	WEEDS CONTROLLED	STATE	RATE/ha	CRITICAL COMMENTS
Summer Cereals Maize Sorghum	Thornapple (<i>Datura</i> spp.) and other broadleaf weeds including: <i>Amaranthus</i> spp., Annual Ground Cherry, Bathurst Burr, Bladder Ketmia, Caltrop, Bellvine, Black Pigweed, Mintweed, Morning Glory, Pigweed, Sesbania Pea, Wild Gooseberry, Wandering Jew	Qld, ACT and NSW only	500 mL + 280 mL 2,4-D amine (625g/L)	Spray when the crop has between 4 and 6 fully expanded leaves and secondary roots have developed. Apply to young rosette or seedling weeds up to 15cm height or diameter. This mixture will result in reduced residual control of <i>Datura</i> spp. CAUTION: This mixture may cause crop damage. To minimize 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 agricultural department or your local spray advisor.
	Bladder Ketmia, Caltrop, Docks, Mintweed, Pigweed		300 mL/ha + 470 mL/ha of 2,4-D amine (500 g/L)	Caution: As for the 2,4-D mixture above.
Sugarcane (Vegetative Stage)	Sicklepod	Qld, NSW only	0.7 – 1.5L + 1L/ha of 2,4-D amine (500g/L)	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 spraying oil at 1L/200L or add a 100% concentrate non-ionic surfactant at 200 mL/200L or spray mixture. For weeds less than 50cm tall use 700 mL/ha plus 1L/ha 2,4-D amine. For weeds 50 to 100cm use 1L/ha plus 1L/ha 2,4-D amine. For weeds more than 100cm tall use 1.5L/ha plus 1L/ha 2,4-D amine. Apply only once per season. DO NOT add 2,4-D amine to known 2,4-D susceptible varieties. USAGE RESTRICTIONS APPLY: See TABLE 2: Timing restrictions for spraying Sugarcane under RESTRAINTS.

Table 1: Control of Weeds in Crops, Pasture and Fallow (Cont'd).

CROP OR SITUATION	WEEDS CONTROLLED	STATE	RATE/ha	CRITICAL COMMENTS
Agricultural non-crop areas, Commercial and Industrial Areas, Pastures and Rights-of-Way	<i>Pimelea</i> sp.	All States	1.5L/ha + wetter	Boom Spray @ 1500L/ha spray volume. To be applied when plant is green. DO NOT apply more than 2 applications per year with a minimum re-treatment interval of 21 days between consecutive applications. This product can be used to create and maintain hospital areas for livestock suffering from <i>Pimelea</i> poisoning. <i>Pimelea</i> may become more palatable after herbicide application; stock should be excluded from herbicide-treated areas until sprayed <i>Pimelea</i> plants are leafless, seedless and obviously dead.
			100 mL per 1100L water + wetter	Spot Spray: Thoroughly wet all foliage to the point of run-off (~1500L/ha spray volume).
Pastures, Rights-of-way, Commercial and Industrial Situations	Refer to Weed Table.		300 mL – 15L	Apply as a high volume spray, to give thorough wetting. DO NOT treat land intended for sowing crops other than cereals. USAGE RESTRICTIONS APPLY: See TABLE 1: Application and timing restrictions for application to Pastures under RESTRAINTS.
Timber Re-growth Control	<i>Eucalyptus</i> spp.	Qld, ACT, NSW, Vic, SA and WA only	Stem injection: Mix 1L + 1.5L water and use 2 mL/cut	Apply to seedling regrowth <2m high. Most timber re-growth can be controlled by stem injection, or cut stump. See GENERAL INSTRUCTIONS , Application section, for detailed use directions.
	Zamia Palm	NT, Qld only	Cut stump: Mix 500 mL/10L water	
	Tree-of-Heaven		Undiluted	Apply during full leaf to freshly cut stump.

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

IN TASMANIA, THIS PRODUCT MAY ONLY BE USED FROM 15 APRIL TO 15 SEPTEMBER UNLESS OTHERWISE PERMITTED BY THE REGISTRAR OF PESTICIDES.

WITHHOLDING PERIOD

PASTURE, CEREAL CROPS, AGRICULTURAL NON-CROP AREAS, COMMERCIAL & INDUSTRIAL AREAS, PASTURES & RIGHTS OF WAY: DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 7 DAYS AFTER APPLICATION.

SUGARCANE: DO NOT HARVEST FOR 8 WEEKS AFTER APPLICATION.

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

Table 2: Control of Specific weeds growing in: Pastures, Rights-of-way, Commercial and Industrial situations

WEED	STATE	SPOT SPRAYING RATE/100L WATER	BOOM SPRAYING RATE/HA	OPTIMUM TREATMENT STAGE	CRITICAL COMMENTS
Alkali Sida	Qld, NSW, Vic and WA only	300 mL	3.5L	Pre-flowering	N/A
	SA only	150 mL	3.5L		
<i>Amaranthus</i> spp.	Qld, NSW only	N/A	3.5L	N/A	See “Summer Cereals” in Table 1.
Amsinckia (Yellow Burr Weed)	Vic and SA only	75 mL	1L	During rosette stage	N/A
Annual Ground Cherry	Qld, NSW only	N/A	1L	N/A	See “Summer Cereals” in Table 1.
Apple-of-Sodom	Vic only	650 mL	NR	Flowering to early fruiting	N/A
	SA only	300 mL	NR		
Artichoke Thistle	Vic only	200 mL	7.5L	Late winter to spring before flowering	SA – Use double rate at flowering.
	SA only	125 mL	2.5L		
Bathurst Burr Bellvine	Qld, ACT and NSW only	N/A	1L	N/A	See “Summer Cereals” in Table 1.
Bindweed	Qld, ACT, NSW, Vic, SA and WA only	1.3L	7.5L	During budding	N/A
Blackberry	Vic only	1.3L	NR	December – January	Spray re-growth in autumn.
Black Knapweed		650 mL			Spray plant and soil for 1m around base of plant.
Bladder Campion	SA only			August pre-flowering	N/A
Bladder Ketmia	Qld, ACT and NSW only	N/A	300 mL plus 470 mL of 2,4-D Amine (500 g/L)	N/A	See “Summer Cereals” in Table 1.

Table 2: Control of Specific weeds growing in: Pastures, Rights-of-way, Commercial and Industrial situations (Cont'd).

WEED	STATE	SPOT SPRAYING RATE/100L WATER	BOOM SPRAYING RATE/HA	OPTIMUM TREATMENT STAGE	CRITICAL COMMENTS
Boneseed (Bitou Bush)	Qld, ACT, NSW, Vic, SA and WA only	650 mL	NR	Flowering to fruiting	Treat freshly cut stumps with 1L/10L water at any time.
Borreria (Square Weed)	Qld only	150- 300 mL	1-2.5L		Use higher rate on older plants. Add a non-ionic wetting agent.
Boxthorn, African	Qld, NSW, Vic, WA only	1.3L	NR	Prior to bud burst	Treat small plants only. Thorough coverage essential. Spray soil to drip line.
Broom, Cape	SA only	300 mL	N/A	Prior to pod formation	Thoroughly wet foliage and soil around base of plant.
Burr Ragweed	QLD only	650 mL		N/A	N/A
Californian (perennial) Thistle	QLD, NSW, VIC, SA, WA only	650 mL	NR	During budding stage.	
Caltrop (Yellow Vine)	QLD, NSW only	N/A	300 ml + 470 mL of 2,4-D Amine (500 g/L)	N/A	See "Summer Cereals" in Table 1.
Camelthorn	VIC only	1.3L	NR		N/A
	SA only	1.3L	NR		
Cape Honeyflower	QLD, NSW, VIC, SA, WA only	650 mL	NR	At flowering stage	N/A
Chilean or Green Cestrum		650 mL	N/A	During full leaf	N/A
Chinese Shrub	VIC only	650 mL	NR	Autumn	
Climbing Buckwheat (Black Bindweed)	QLD, NSW only	N/A	300 mL	Early growth stage	See "Winter Cereals" in Table 1.
Cobbler's Peg	QLD, NSW only	N/A	1L	N/A	See "Summer Cereals" in Table 1.
Colocynth	QLD, NSW, VIC, SA, WA only	300 mL	NR	Seedling and established plants	N/A
Crofton Weed	QLD, NSW, VIC, SA, WA only	650 mL	NR	All stages	Very susceptible.

Table 2: Control of Specific weeds growing in: Pastures, Rights-of-way, Commercial and Industrial situations (Cont'd).

WEED	STATE	SPOT SPRAYING RATE/100L WATER	BOOM SPRAYING RATE/HA	OPTIMUM TREATMENT STAGE	CRITICAL COMMENTS
Cut leaf Mignonette	SA only	650 mL	NR	Before flowering	Very susceptible.
Devil's Fig	QLD, NSW, VIC, SA, WA only	650 mL	NR	N/A	
Docks	QLD, NSW, VIC, SA, WA only	75-150 mL	NR	Full leaf to early flowering	Use lower rate on seedlings only.
Dog Rose	SA only	650 mL	N/A	During Summer	
Eucalypts	QLD, NSW, VIC, SA, WA only	650 mL	NR	N/A	Do not treat seedlings more than 2.0m high. See "Timber Re-growth Control" in Table 1.
Fat Hen	QLD, NSW only	N/A	1L		See "Summer Cereals" in Table 1.
Garlic, Wild	VIC only	300 mL	7.5L	Before new bulbils form.	N/A
	SA only	250 mL	5.5L		
Golden Thistle	Qld, NSW, SA, WA only	300 mL	3.5L	Seedling and rosette stage	N/A
	Vic only	500 mL	4L		
Gorse or Furze			N/A	Spring	
Groundsel Bush	Qld and NSW only	650 mL	NR	N/A	Thorough coverage needed.
Hawthorn	VIC only	NR	N/A	During full leaf.	Apply undiluted to freshly cut stumps. See GENERAL INSTRUCTIONS , Application section.
Heliotrope, Blue	Qld, NSW only	1L		N/A	N/A
Heliotrope, Common		N/A	300 mL		
Hexham Scent		N/A	300 mL + 470 mL of 2,4-D Amine (500 g/L)		See "Winter Cereals" in Table 1.
Hoary Cress	SA only	1.3L	NR	Rosette to pre-flowering	N/A
Inkweed	Qld, NSW, VIC, SA, WA only	500 mL		During full leaf	
Khaki Weed		650 mL		During full leaf in summer	

Table 2: Control of Specific weeds growing in: Pastures, Rights-of-way, Commercial and Industrial situations (Cont'd).

WEED	STATE	SPOT SPRAYING RATE/100L WATER	BOOM SPRAYING RATE/HA	OPTIMUM TREATMENT STAGE	CRITICAL COMMENTS
Knapweed, Creeping	VIC only	1.3L	7.5L	During late spring to summer	N/A
	SA only	1.3L			
	Qld, NSW, WA only	1.3 - 2L			
Lantana	Qld, NSW, SA, WA only	650 mL	N/A	March-May	Thoroughly wet foliage and soil around base of plant.
Limebush	Qld only	1.3L	N/A	N/A	Through coverage to point of run off.
Lucerne	Qld, NSW only	N/A	1L		See "Summer Cereals" in Table 1.
Mayne's Pest	Qld only	600 mL	NR		Through coverage essential.
Mexican Poppy	Qld, NSW only	N/A	1L		See "Summer Cereals" in Table 1.
Mintweed			300 mL + 470 mL of 2,4-D Amine (500 g/L)		See "Winter Cereals" in Table 1.
Mistflower	Qld, NSW, VIC, SA, WA only	650 mL	N/A		N/A
Morning Glory	Qld only	650 mL	1L		See "Summer Cereals" in Table 1.
Mustards	Qld, NSW only	N/A	300 mL+ 470 mL of 2,4-D Amine (500 g/L)	N/A	See "Winter Cereals" in Table 1.
New Zealand Spinach			1L		See "Summer Cereals" in Table 1.
Noogoora Burr					See "Summer Cereals" in Table 1.
Onion Weed	VIC, SA only	75 mL + 125 mL Diquat (200 g/L)	2.0L + 3.0L Diquat (200 g/L)	Pre-flower	N/A
Ox-Eye Daisy	VIC only	150 mL	4L	Up to early flowering	Re-spraying will be necessary.
Pampas Lily-of-the-Valley	VIC, SA only	650 mL	NR	N/A	N/A

Table 2: Control of Specific weeds growing in: Pastures, Rights-of-way, Commercial and Industrial situations (Cont'd).

WEED	STATE	SPOT SPRAYING RATE/100L WATER	BOOM SPRAYING RATE/HA	OPTIMUM TREATMENT STAGE	CRITICAL COMMENTS
Parthenium Weed	Qld, NSW only	125 mL (use at least 3,000L diluted spray/ha in dense parthenium)	3L	During rosette stage	In sorghum 1.0L/ha will suppress Parthenium. See "Summer Cereals" in Table 1.
Paterson's Curse (Salvation Jane)	Qld, NSW, VIC, WA only	150 mL	NR	Rosette to pre-flowering	N/A
	SA only		4L		
Pigweed Pigweed, Black	Qld, NSW only	N/A	1L	N/A	See "Summer Cereals" in Table 1.
Potato Weed	Qld, NSW only				See "Summer Cereals" in Table 1.
Prairie Ground Cherry	VIC only	300 mL	7.5L	Flowering to fruiting	Retreatment will be necessary.
Quena (Tomato Weed)	Qld, NSW, VIC, SA, WA only	650 mL	NR	N/A	N/A
Radish Wild	Qld, NSW only	N/A	300 mL + 470 mL of 2,4-D Amine (500 g/L)	N/A	See "Winter Cereals" in Table 1.
Ragwort	Qld, NSW, WA only	300 mL	3.5L	Rosette to cabbage stage	
	VIC only	300 mL	4L		
	SA only	150 mL	4L		
Redroot (<i>Amaranthus</i> spp). Redshank (<i>Amaranthus</i> spp).	Qld, NSW only	N/A	1L	N/A	See "Summer Cereals" in Table 1.
Rubber Vine	Qld only	1.3L	N/A	N/A	Thoroughly wet leaves and also the soil around the base of plant. Cut and spray stump of large plants. See GENERAL INSTRUCTIONS , Application section.
Saffron Thistle	Qld, NSW only	N/A	300 mL		See "Winter Cereals" in Table 1.

Table 2: Control of Specific weeds growing in: Pastures, Rights-of-way, Commercial and Industrial situations (Cont'd).

WEED	STATE	SPOT SPRAYING RATE/100L WATER	BOOM SPRAYING RATE/HA	OPTIMUM TREATMENT STAGE	CRITICAL COMMENTS
St. John's Wort	ACT, Qld, NSW, SA, VIC and WA only	500 mL	NR	Late spring to early summer, during flowering to early seed set.	High Volume: Apply by calibrated handgun with D5 or D6 (2-3mm) nozzle plate and operated at 400-500 kPa (60-70psi). Apply 3000L/ha (i.e. 3L/10 square meters) to dense infestations. Re-growth and seedlings may be retreated and following season.
Sesbania Pea	Qld, NSW only	N/A	1L	N/A	See "Summer Cereals" in Table 1.
Sicklepod	Qld only	300 mL	700 mL to 1.5L + 1.0L/ha 2,4-D Amine (500 g/L)		See also "Sugarcane" in Table 1. In pastures a repeat spray may be necessary for control of subsequent seedling germination.
Silverleaf Nightshade	NSW, VIC, SA only	650 mL	15L		N/A
Skeleton Weed	Qld only	1.3 - 2L	15L	Summer and Autumn	See "Winter Cereals" in Table 1.
	VIC only	650 mL	15L	Winter	
	SA only		300 mL + 470 mL of 2,4-D Amine (500 g/L)		
		NSW, WA only	1.3 - 2L	NR	Summer and Autumn
Smartweed	Qld, NSW, VIC, SA, WA only	150 mL	NR	Seedling to pre-flowering	Very susceptible.
Sowthistle	Qld, NSW only	N/A	300 mL	N/A	See "Winter Cereals" in Table 1.
Spiny Broom	VIC only	650 mL	NR	During full leaf stage	N/A
Spiny Emex (Doublegee)	Qld, NSW only	300 mL	300 mL	N/A	See "Winter Cereals" in Table 1.
	VIC only		NR		
Star Thistle	Qld, NSW, VIC, SA, WA only	300 - 500 mL	3.5 - 7.5L	Seedling to rosette	Use higher rate for older plants.
Stinking Roger	Qld, NSW only	N/A	1L	N/A	See "Summer Cereals" in Table 1.

Table 2: Control of Specific weeds growing in: Pastures, Rights-of-way, Commercial and Industrial situations (Cont'd).

WEED	STATE	SPOT SPRAYING RATE/100L WATER	BOOM SPRAYING RATE/HA	OPTIMUM TREATMENT STAGE	CRITICAL COMMENTS
Sunflower	Qld, NSW only	N/A	300 mL + 470 mL of 2,4-D Amine (500 g/L)	N/A	See "Winter Cereals" in Table 1.
Sweet Briar	Qld, NSW, VIC, SA, WA only	650 mL	N/A	Full leaf to ripe fruit	Spray thoroughly.
Tangled Hypericum	VIC only			N/A	N/A
Thornapple (<i>Datura</i> spp.)	Qld, NSW only	150 - 300 mL	1L		Spot spraying - use higher rate on older plants. Boom spraying - see "summer cereals" in Table 1.
	Qld only		500 mL + 350 mL of 2,4-D Amine (500 g/L)		
Tree-of-Heaven	Qld, NSW, VIC, SA, WA only	650 mL	N/A	During full leaf	For larger trees, apply undiluted onto cut stumps or frill. See GENERAL INSTRUCTIONS , Application section.
Tufted Honeyflower	VIC only	650 mL	NR	All growth stages	N/A
Turnip Weed	Qld, NSW only	N/A	300 mL + 470 mL of 2,4-D Amine (500 g/L)	N/A	See "Winter Cereals" in Table 1.
Tutsan	VIC only	650 mL	N/A	During full leaf	Results can be variable.
Variegated Thistle	VIC, SA, WA only	150 - 300 mL	2 - 4L	Rosette to pre-flowering	Use higher rate on mature plants. See "Winter Cereals" in Table 1.
	Qld, NSW only	150 - 300 mL	300 mL + 470 mL of 2,4-D Amine (500 g/L)		
Wandering Jew	Qld, NSW only	N/A	1L	N/A	See "Summer Cereals" in Table 1.
Wild Tobacco	Qld only	650 mL	NR	During full leaf	Very susceptible.
Wireweed	Qld, NSW only	N/A	300 mL + 470 mL of 2,4-D Amine (500 g/L)	N/A	See "Winter Cereals" in Table 1.

N/A = Not Applicable

NR = Not Recommended

GENERAL INSTRUCTIONS

Mixing: Mix only with water. It will not mix with oil or diesel fuel. Mechanical or by-pass agitation in the spray tank is recommended, and it should be maintained during spraying.

Quarter fill the spray tank and add the required amount of herbicide in the following order: Wettable powder or water dispersible granules; suspension concentrates (atrazine flowable); aqueous concentrates (e.g. Imtrade Commander 75-D Herbicide, 2,4-D Amine); emulsifiable concentrates and finally surfactant or crop oil.

Adjuvants: **DO NOT** add surfactants (such as Agral 600 or BS-1000) or crop oils (such as Uptake Spraying Oil) unless specifically recommended to do so in the Use Directions Tables 1 and 2.

APPLICATION

Imtrade Commander 75-D Herbicide may be applied by:

Ground boom: Spray using accurately calibrated equipment delivering 50 – 100L water/ha. **DO NOT** use less than 200L/ha in sugarcane. 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 boomjet 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 sugarcane.

High volume: Apply using a calibrated sprayer. 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 13 cm 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 to 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 multistem 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 bimbale 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, 1 mL of treatment mix into the growing point for each 2.5cm of the plant stem diameter (See Zamia palm).

CLEANING SPRAY EQUIPMENT

After using Imtrade Commander 75-D Herbicide, 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 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 500 mL/100L or water or the powder equivalent at 500 g/100L of water) and circulate throughout the system for at least fifteen minutes. 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 land (and away from plants and water courses).

COMPATIBILITY

Imtrade Commander 75-D Herbicide is compatible with atrazine (500 g/L flowable or an equivalent granular product), 2,4-D Amine, Diquat, metsulfuron-methyl, Topik®, glyphosate.

RESISTANT WEEDS WARNING

GROUP 4 HERBICIDE

Imtrade Commander 75-D Herbicide contains members of the pyridine and phenoxy groups 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 this product or other Group 4 Herbicides.

Since the occurrence of resistant weeds is difficult to detect prior to use, Imtrade Australia 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 Imtrade Australia Pty Ltd representative.

PRECAUTIONS

RE-ENTRY PERIOD

If re-entering treated areas before the spray has dried workers should wear overalls, elbow-length gloves and water-resistant footwear. Clothing must be laundered after each day's use.

PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

Crops susceptible to Imtrade Commander 75-D Herbicide include but are not limited to; Peas, Lupins, Lucerne, Navy Beans, Soybeans, and other Legumes; Cotton, Fruit, Hops, Ornamentals, Potatoes, Safflower, Sugar Beet, 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 Imtrade Commander 75-D Herbicide.

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.

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 and vapour movement onto susceptible crops such as Cotton, Tobacco, Tomatoes, Lupins, Fruit Trees, Ornamentals and Vines.

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

Very toxic to aquatic life.

DO NOT contaminate wetlands or watercourses with this product or used containers.

STORAGE AND DISPOSAL

The method of disposal of the container depends on the container type. Read the Storage and Disposal instructions on the label that is attached to the container.

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

All other non-refillable containers

Triple rinse containers before disposal. Add rinsings to spray tank. **DO NOT** dispose of undiluted chemical on-site. 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 for appropriate disposal 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 and product. **DO NOT** re-use empty container for any other purpose.

Envirodrum - Micro Matic Valve (110L)

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 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.

Refillable Containers (1000L only)

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). If necessary wash the spill area with an alkali detergent and water and absorb the wash liquid for disposal as described above.

SAFETY DIRECTIONS

Harmful if inhaled or swallowed. Will damage the eyes. Will irritate the skin. Repeated exposure may cause allergic disorders. Avoid contact with the eyes and skin. When opening the container and preparing spray or using undiluted concentrate, wear cotton overalls buttoned to the neck and wrist and a washable hat and elbow-length chemical resistant gloves and face shield or goggles. When using the prepared spray, wear cotton overalls buttoned to the neck and wrist and a washable hat and elbow-length chemical resistant gloves. If applying by hand, wear half facepiece respirator with organic vapour/gas cartridge or canister. If product on skin, immediately wash area with soap and water. If product in eyes, wash it out immediately with 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 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).

Additional GHS Hazard & Precautionary Statements

•Causes serious eye damage; •Harmful if inhaled; •Avoid breathing fumes, mists or spray;
•**DO NOT** get on clothing; •**DO NOT** eat, drink or smoke when using this product;
•Contaminated work clothing should not be allowed out of the workplace; •Rinse skin or shower with water; •**IF SWALLOWED:** Call a POISON CENTRE or doctor if you feel unwell; •**IF SWALLOWED:** Rinse mouth. Do **NOT** induce vomiting; •If skin irritation occurs: Get medical advice; •If eye irritation persists: Seek medical advice; •Not combustible. Use extinguishing media suited to burning materials; •Store in a dry place.

SAFETY DATA SHEET

Additional information is listed in the Safety Data Sheet, which is available from your supplier or Imtrade Australia Pty Ltd website at www.imtrade.com.au

CONDITIONS OF SALE

Imtrade Australia Pty Ltd shall not be liable for any loss, injury, damage or death whether consequential or otherwise whatsoever or howsoever arising whether through negligence or otherwise in connection with the sale supply use or application of this product. The supply of this product is on the express condition that the purchaser does not rely on Imtrade's skill or judgment in purchasing or using the same and every person dealing with this product does so at his own risk absolutely. No representative of Imtrade Australia Pty Ltd has any authority to add to or alter these conditions.

UN 3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S. (contains 2,4-D and PICLORAM)
IN A TRANSPORT EMERGENCY DIAL 000 POLICE OR FIRE BRIGADE	
PG III	HAZCHEM •3Z

APVMA Approval No: 63327/127861v

