



Product Name: IMTRADE COMMANDER DUAL HERBICIDE
APVMA Approval No: 64568/111383



Label Name:	IMTRADE COMMANDER DUAL HERBICIDE
Signal Headings:	POISON KEEP OUT OF REACH OF CHILDREN READ SAFETY DIRECTIONS BEFORE OPENING OR USING
Constituent Statements:	100 g/L PICLORAM AS THE TRIISOPROPANOLAMINE SALT 200 g/L TRICLOPYR AS THE TRIETHYLAMINE SALT
Mode of Action:	GROUP I HERBICIDE
Statement of Claims:	For the control of unwanted timber by stem injection or cut stump/brushcutter application and control of blackberry, gorse and harrisia cactus by foliage spray as specified in the Directions For Use table.
Net Contents:	1L - 1000L
Restrains:	DO NOT treat trees with poor sap flow. DO NOT apply 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 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 to areas growing (or 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 to susceptible crops or plants. DO NOT move soil, which has been sprayed, to areas where desirable plants are to be grown. DO NOT burn treated areas for 9 months after application or mechanically clear treated areas for at least 12 months after application. For High Volume Spraying, DO NOT spray if rain is likely within 1 hour or if foliage is wet from rain or dew.
Directions for Use:	This section contains file attachment.

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Other Limitations:	FOR NATIVE VEGETATION Use of Imtrade Commander Dual Herbicide on native vegetation must be done in accordance with STATE and/or LOCAL legislation.
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Withholding Periods:	NOT REQUIRED WHEN USED AS DIRECTED.
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General Instructions:	This section contains file attachment.
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Resistance Warning:	<p>Imtrade Commander Dual Herbicide is a member of the pyridines group of herbicides. Imtrade Commander Dual Herbicide has the disruptors of plant cell growth mode of action. For weed resistance management, Imtrade Commander Dual Herbicide is a Group I Herbicide. Some naturally occurring weed biotypes resistant to Imtrade Commander Dual Herbicide and other of 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 Imtrade Commander Dual Herbicide or other Group I Herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, Imtrade Australia Pty Ltd accepts no liability for any loss that may result from the failure of Imtrade Commander Dual Herbicide to control resistant weeds.</p> <p>Strategies to minimize the risk of herbicide resistance are available. Contact your farm chemical supplier, consultant, local Department of Agriculture or local Imtrade Australia Pty Ltd representative.</p>
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Protections:	<p>PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS Crops susceptible to Imtrade Commander Dual 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, sugarbeet, sunflower, tobacco, tomatoes, vegetables and vines. Imtrade Commander Dual Herbicide is damaging to susceptible crops during both growing and dormant periods. Grasses are normally unaffected and establish quickly after treatment. Picloram, one 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 allow physical spray drift onto waterways, native vegetation and 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, pastures, waterways or native vegetation. DO NOT apply close to, or on 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.</p> <p>PROTECTION OF LIVESTOCK With high volume spraying, poisonous plants may become more palatable after spraying and stock should be kept away from these plants until they have died down.</p>
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PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND THE ENVIRONMENT
DO NOT contaminate streams, rivers, waterways, water used for irrigation, drinking or other domestic purposes, with the chemical or used container.

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.

Keep out of reach of children. Store in the closed, original container in a cool, well-ventilated area. DO NOT store for prolonged periods in direct sunlight.

All Pack Sizes unless otherwise stated

Triple or preferably pressure 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. Empty containers and product should not be burnt. DO NOT re-use empty container for any other purpose.

Envirodrum 110L Mini Bulk Returnable Container only

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)

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

SPILL AND LEAK 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 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 and report them to Imtrade Australia Pty Ltd on 1800 171 799.

Safety Directions:

May irritate the skin. Will irritate the eyes. Avoid contact with eyes and skin. When using the product by high pressure hand wand or stem injection, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing), elbow-length chemical resistant gloves and goggles. If product or spray in eyes, wash it out immediately with water. Wash hands after use. After each day's use wash gloves, goggles and contaminated clothing.

First Aid Instructions:

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 131126, New Zealand 0800 764 766). If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.

First Aid Warnings:

GENERAL INSTRUCTIONS

COMPATIBILITY

Imtrade Commander Dual Herbicide is compatible with the following adjuvants:

Hasten* @ 500 mL/100L water

Supercharge* @ 500 mL/100L water

Update* Spraying Oil @ 500 mL/100L water

MIXING

Mix only with water. It will not mix with oil or diesel fuel. Only mix sufficient solution for immediate daily use and avoid storing.

A: Stem Injection Application

Mix one part Imtrade Commander Dual Herbicide with 4 parts clean water. Agitate well before commencing work. After use, clean equipment thoroughly and rinse several times with water.

B: High Volume Application

Half fill the spray unit with water and add the required amount of Imtrade Commander Dual 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.

APPLICATION

A: Stem Injection Application

Waist Height Application

- To make an injection pocket at waist height, use a $\frac{3}{4}$ length axe with a blade width of 5 to 7cm. The cut of injection must be through the bark and deep enough to place all the chemical in contact with the sap wood.
- The chemical must be applied immediately after the dose pocket is made. Apply chemical with a Phillips 5 mL vaccinator fitted with a tree injector kit which can be accurately calibrated. Set vaccinator to deliver 1 mL of herbicide mix.
- When treating regrowth less than the width of the axe, ensure chemical does not run out the sides of the cut, as reduced control will result. This can be overcome by using the corner of the axe to make the pocket in the stem or treating by cut stump application.

Ground Level Application

- To make an injection pocket at ground level, use a narrow blade axe, as described for waist height application, or a C.M.B. Engineering Tree Injector designed for this application method.
- When using the Tree Injector, make sure that the pump handle is held in whilst striking the tree, otherwise unnecessary strain will be placed on the pump and valve, and chemical will be ejected onto the bark. Use injector with groove in blade uppermost. Strike tree, cutting through bark to sapwood. Lower the upper end of the injector to open the cut, then move pump handle out and in to inject the dose. A smooth action will give better results than a quick "snapping" action.
- The chemical must be applied immediately after the dose pocket is made.

B: Cut Stump/Brushcutter Application

- Stems should be cut less than 10cm above the ground. Remove and treat the surface of any suckers present below the cut surface and ground level.
- **Immediately** apply Imtrade Commander Dual Herbicide/water mixture **liberally** to the **freshly** cut stump by spraying the cut surface and sides of the stem.
- If cut surface is oily, add a 100% non-ionic surfactant (e.g. Alcohol alkoxyate 1000g/L) at 100 mL/100L water to improve penetration.
- When using a brushcutter with a herbicide attachment, read all safety and operating instructions in the brushcutter manual prior to use of the equipment.

C: High Volume Spraying

Weeds need to be actively growing for herbicides to have optimum effect. In areas that have been bulldozed, slashed, burnt, ploughed or previously treated with chemical, wait until all regrowth has reached approximately 1 metre before treating.

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

Hand Gun (Blackberry and Gorse)

- Apply the recommended mix to give full coverage of leaves and stems through a No. 6 to 8 tip at 700 -1500 kPa.
- A spray volume of 3000 - 4000L per infested hectare of 1 - 2 metre high Gorse and Blackberry (30-40L/100m²) should be used.

Knapsack (Harrisia Cactus)

- Apply the recommended spray mix to give a full coverage of all stems from the crown. Treatment should start from the end of each stem to the centre of the plant, with a final dose to the plant crown.
- Complete coverage of every stem is required for adequate control.

CLEANING HIGH VOLUME SPRAY EQUIPMENT

Rinsing

- After using Imtrade Commander Dual Herbicide, empty the spray equipment and drain the whole system. Thoroughly wash inside the unit using a pressure hose, if necessary. 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.

Decontamination

Before spraying cotton and other sensitive crops with equipment that has been used to apply Imtrade Commander Dual 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 an alkali detergent (e.g. liquid SURF®, OMO®, OMOMATIC®, DRIVE® at 500 mL/100L of water of the powder equivalent at 500 g/100L of water) and circulate throughout the whole system for at least 15 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.

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 water courses.

Table A: Stem Injection Applications

DILUTION RATE: Mix 1 part Imtrade Commander Dual Herbicide with 4 parts water.
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 Size	State	Application Rate	Critical Comments
<i>Acacia</i> (except Qld), <i>Angophora</i> , <i>Casuarina</i> , <i>Corymbia</i> , <i>Eucalyptus</i> (except Yellow Box), <i>Lophostemon</i> and <i>Melaleuca</i> species, Camphor Laurel	Single stems less than 25cm diameter at base (Waist height application)	All States	1 mL of diluted chemical per cut @ 10 to 13cm centres	NOTE: Control of <i>Acacia</i> , <i>Casuarina</i> and <i>Lophostemon</i> species may be variable. Use ground level application to reduce variability. DO NOT exceed the spacings shown from the centre of one cut to the centre of the next cut. Inject each stem of a multistem tree where possible. Injection at or near ground level is essential in the Traprock area of south-eastern Queensland and is preferred for optimum results in poplar box areas. In areas where experience has shown that results are variable because species are harder to kill or due to marginal soil and/or climate factors, higher doses may improve control. Contact Imtrade Australia Pty Ltd for more detail.
	Single stems less than 25cm diameter at base (Ground level application)		1 mL of diluted chemical per cut @ 12 to 15cm centres	
	Multiple stems or more than 25cm diameter at base (Waist height application)		2 mL of diluted chemical per cut @ 10 to 13cm centres	
	Multiple stems or more than 25cm diameter at base (Ground level application)		2 mL of diluted chemical per cut @ 12 to 15cm centres	

Table B: Cut Stump/Brushcutter Applications

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 Size	State	Rate/10L Water	Critical Comments
<i>Acacia</i> (except Qld), <i>Angophora</i> , <i>Casuarina</i> , <i>Corymbia</i> , <i>Eucalyptus</i> (except Yellow Box) and <i>Lophostemon</i> species	Cut stem as close to the ground as possible, leaving stump no higher than 10cm	All States	500 mL	NOTE: Control of <i>Acacia</i> , <i>Casuarina</i> and <i>Lophostemon</i> species may be variable. If cut surface is oily, add wetting agent (e.g. Alcohol alkoxyate 1000g/L) for penetration.

Table C: High Volume Spraying

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 Size	State	Rate/100L Water	Critical Comments
Blackberry	Late spring to autumn	All States except NT	500 mL	Always add an adjuvant (see COMPATIBILITY section for details). Where herbicides other than Group I Herbicides have been used, allow two seasons regrowth to occur before respraying with Imtrade Commander Dual Herbicide.
Gorse	September to March when actively growing	NSW, Vic, SA and Tas only	375 mL	Treat any regrowth in the following season. Use a minimum of 3000-4000L of spray mixture for dense gorse.
Harrisia cactus		Qld only	2.5L	Treat all stems thoroughly.

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