

AGPRO

Trichloram Brushkiller

Herbicide

CONTROLS BLACKBERRY, GORSE, LUPIN, MATAGOURI, SWEET BRIER AND A RANGE OF OTHER BRUSHWEEDS

READ THE LABEL COMPLETELY BEFORE MIXING OR APPLYING.

ACTIVE INGREDIENT:

Contains 100g/litre picloram as the amine salt plus 300 g/litre triclopyr as the butoxy ethyl ester in the form of an emulsifiable concentrate.

Also contains 410g/litre diethylene glycol

HARMFUL - Keep out of reach of children
COMBUSTIBLE LIQUID ECOTOXIC

NET CONTENTS: 1L, 5L, 20L, 200L

HAZARD CLASSIFICATION

3.1D, 6.1D, 6.3B, 6.4A, 6.5B, 6.9B, 9.1A, 9.2A, 9.3C

APPROVED HANDLER

This product must be under the personal control of an approved handler when:

- (a) applied in a wide dispersive manner; or
- (b) used by a commercial contractor; or
- (c) applied directly onto or into water.

RECORD KEEPING

Records of use, as described in the relevant HSNO regulations and the New Zealand Standard for the Management of Agrichemicals (NZS8409), must be kept if using more than 3L of AGPRO Trichloram Brushkiller Herbicide within 24 hours.

FLAMMABILITY: COMBUSTIBLE LIQUID**TOXICITY: HARMFUL**

THIS SUBSTANCE MAY BE HARMFUL IF SWALLOWED, OR ABSORBED THROUGH THE SKIN. MAY CAUSE ORGAN DAMAGE FROM REPEATED ORAL EXPOSURE AT HIGH DOSES. Do not eat, drink or smoke while using. Remove protective clothing immediately after handling this product and wash hands and face before meals and after work.

MAY CAUSE SKIN IRRITATION AND SENSITIZATION. MAY ALSO IRRITATE THE EYES: Avoid contact with skin and eyes.

ECOTOXICITY

VERY TOXIC TO AQUATIC ORGANISMS. DO NOT contaminate an aquatic environment with chemical or empty container. DO NOT spray over, or allow drift over, an aquatic environment.

SELECTIVE HERBICIDE - VERY TOXIC TO SOME PLANT SPECIES. Some plants may be damaged or killed by contact with this product. Do not allow drift outside the target area to occur. DO NOT use on the bottom of irrigation channels. Decontaminate equipment before use on sensitive plants (see Application Methods section).

HARMFUL TO TERRESTRIAL VERTEBRATES.

HANDLING PRECAUTIONS

EQUIPMENT

Apply using accurately calibrated and maintained equipment in accordance with the New Zealand Standard for the Management of Agrichemicals (NZS8409).

Flush equipment thoroughly with clean water after use according to Cleaning Spray Equipment instructions below. Dispose of cleaning water according to the disposal instructions below.

STORAGE

Store in original container tightly closed, away from foodstuffs.

Stores containing more than 100L of AGPRO Trichloram Brushkiller herbicide require bunding and are subject to signage. See the HSNO Regulations for Emergency Management and Identification and the New Zealand Standard for the Management of Agrichemicals (NZS8409) for further information.

Storage must be generally in accordance with the New Zealand Standard for the Management of Agrichemicals (NZS8409).

When stored appropriately, this product should show no significant degradation for 2 years from the date of manufacture. Contact your supplier for further information about the use of any product that is older than this.

PERSONAL PROTECTION

When mixing or applying wear eye protection, chemical resistant gloves made of any waterproof material such as polyethylene or polyvinyl chloride, chemical resistant boots and cotton overalls buttoned to the neck and wrist.

Do not eat, drink or smoke while using.

Remove protective clothing immediately after handling this product and wash hands and face before meals and after work.

DISPOSAL

Triple rinse empty container and add rinsate to spray tank. Burn in an appropriate incinerator if circumstances such as wind direction permit. Otherwise crush or puncture and bury in a suitably approved landfill.

Dispose of equipment cleaning water onto ground away from susceptible crops and plants.

Dispose of this product only by using in accordance to the label or at an approved landfill.

Do not dispose of this product; spray mix or equipment cleaning water down drains or sewers.

FIRST AID

If swallowed do not induce vomiting. For advice contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor immediately. If splashed in eyes, wash out immediately with water. If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water.

SPILLAGE

Extinguish all ignition sources, exclude all bystanders and prevent material from entering drains and waterways and coming into contact with class 1,2,3,2,4 or 5 substances. Wear appropriate protective clothing to clean up spills. Absorb spills with an inert (such as vermiculite, earth, sand or synthetic absorbent substance) material and place in waste

containers. Wash area with water and detergent then absorb any remaining liquid with further inert material. Dispose of waste safely in a local authority approved landfill.

TRANSPORT

Do not carry on a passenger service vehicle.

SAFETY DATA SHEET

A Safety Data Sheet is available from www.agpro.co.nz

NOTICE

Important: You **must** read the warning and conditions given on this label. If they are not acceptable, or if you are in doubt as to the proper handling of this product (including its transport, storage, use, disposal, and requirements for approved handlers [if applicable]) then return the unopened product to the supplier at once.

Warning: This product is subject to controls and could be hazardous if handled incorrectly. The **user is responsible** for ensuring that the handling of this product is in accordance with the law (including the *Hazardous Substances and New Organisms Act 1996* and the *Agricultural Compounds and Veterinary Medicines Act 1997*) and with the directions provided. The Registrant declines all liability (whether in contract, tort (including but not limited to negligence), or otherwise) to the maximum extent permitted by law in relation to the handling of this product in a manner which is contrary to the directions given or to any applicable Acts, Regulations or Guidelines.

Further information regarding the applicable Acts, Regulations and Guidelines for the proper handling of this product may be obtained by contacting ERMA New Zealand (www.ermanz.govt.nz) or the New Zealand Food Safety Authority (NZFSA) (www.nzfsa.govt.nz).


This product is warranted to contain the specified active ingredients within accepted analytical tolerance when packed

Registered to: AGPRO NZ Limited 10 Polaris Place, East Tamaki PO Box 58-963, Greenmount Auckland Telephone 09 273 3456		IN A TRANSPORT EMERGENCY DIAL 111 FOR POLICE OR FIRE
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Date of Manufacture:

Batch No.

Barcode

	Shipping Name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Picloram, Triclopyr)
	UN Number:	3082
	Class:	9
	Packing Group:	III
	HAZCHEM	2X

ANIMAL SAFETY

Poisonous plants (e.g. including but not limited to inkweed, ragwort and tutu) may become more palatable after spraying. If concerned that stock health may be affected, stock should be kept away from the area until the plants have died down.

APPLICATION METHODS

AGPRO Trichloram Brushkiller can be applied using conventional ground or aircraft spraying equipment. Flush equipment thoroughly with clean water after use. **Decontaminate before using on plants that are sensitive to AGPRO Trichloram Brushkiller.** Crops susceptible to AGPRO Trichloram Brushkiller include, but are not limited to: beans, clovers, lucerne, lupins, peas and other legumes; flowers, fruit trees, hops, ornamentals, shade trees, potatoes, sunflowers, tomatoes, vegetables and vines.

MIXING:

Pour the measured quantity of chemical into a partly filled spray tank. Add the remainder of the water with the agitator running. Maintain agitation during spraying. Only mix sufficient spray solution for immediate use and avoid storing.

Cleaning spray equipment:

Rinsing

After using AGPRO Trichloram Brushkiller Herbicide:

- Empty the spray tank completely and drain the whole system. Thoroughly wash inside the unit using a pressure hose. Drain the spray unit and clean any filters in the tank, pump, lines, hoses and nozzles.
- After cleaning the spray unit as above, quarter fill with clean water and circulate through the pump, lines, hoses and nozzles. Drain and repeat the rinsing procedure twice.
- Discard rinse water on land already sprayed or on wasteland away from desirable plants and water sources.

Decontamination

Before applying to sensitive crops with equipment that has been used to apply AGPRO Trichloram Brushkiller Herbicide:

- Wash the tank and rinse the system as above. Then quarter fill the tank and add a standard alkali based laundry detergent at 500g (or mL)/100L water and circulate throughout the 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. Remove filters and nozzles and clean them separately.
- Finally, flush the system with clean water and allow to drain.

Application equipment: The following application situations must use spray equipment in accordance with the New Zealand Standard for the management of Agrichemicals (NZS8409).

Hand gun: Apply the recommended mix to give full coverage of leaves and stems and from all directions. Use a No. 6 – 8 tip. Do not use gun spraying pressures less than 1000 kPa or greater than 2000 kPa.

Aerial application: Use 200-400 litres water per hectare using a coarse quality spray. Apply with a calibrated aircraft using half overlap-opposite pass technique. Aerial applications may require some follow up ground treatment.

Knapsack: Apply the recommended mix to give full coverage of leaves and stems.

Mistblower: Use only where the bush size enables good coverage of the entire bush. Use a marker dye, to check spray coverage.

COMPATIBILITY: AGPRO Trichloram Brushkiller is compatible with most commonly used pasture herbicides.

WITHHOLDING PERIODS: Other than for animal safety reasons or re-establishment of clovers a withholding period is not required when used as directed.

CLOVER RE-ESTABLISHMENT: Picloram , an active ingredient in Trichloram Brushkiller is injurious to legumes and residues in the soil may prevent early re-establishment after treatment. The period that the residue persists in the soil will vary according to site conditions such as climate, soil and the rate used. It is suggested that small areas should be oversown with clover 1-2 months prior to the planned sowing time to check for possible harmful residues.

SPECIMEN LABEL

DIRECTIONS FOR USE: AGPRO Trichloram Brushkiller controls a range of woody and semi-woody weeds.

USE RATES:

Weed	GUN mL/100L	AERIAL L/ha	Comments
Blackberry	500 - 650	10	Apply during summer and autumn when bushes are in active growth Use high rates for control of hard grazed and lower growing types found on the East Coast of the North Island and Northland. Some Northland areas may contain difficult-to-kill species. Variable results may occur if these species are present.
Broom	250	10	Spray from early spring until summer while leaf is present. Hard grazed or scattered bushes should not be treated from the air. Best results are achieved from treating bushes less than 3m high and with stems less than 3cm in diameter.
Gorse	250	10	Ground application: Apply during the active growth period from Spring to early summer. During periods of slow growth or when dormant or stressed eg in hot, dry, dusty, frosty or salty conditions or when the plants have been slashed or grazed, the addition of AGPRO Organosilicone at 100ml/100 litres is recommended. Follow-up treatment may be required to obtain complete control. Aerial application: Apply during active growth. Add AGPRO Organosilicone at 2 litres/ha to the spraymix. Hard grazed or scattered bushes should not be treated from the air. Best results are obtained from treating bushes less than 3m high and with stems less than 3cm in diameter.
Gorse (North Canterbury)	300	10	Ground application: Treat as above with the addition of AGPRO Organosilicone at 100ml/100 litres. Aerial application: Treat as above.
Lupin	100	2	Apply during active growth from Spring until late summer.
Matagouri	500	12	Apply when in full flower usually November to December. Best results are achieved if good moist spring growing conditions occur prior to spraying. Control may be reduced under dry conditions or if lichen is growing on the bark.
Sweet Brier	300-500	12	For best results apply from expanded leaf emergence to green hip, usually from November to early January. For ground application thorough wetting of the crown is recommended. Results from aerial application are enhanced by treating bushes less than 2m high.
Tutu	300	10	Apply to fresh regrowth and after frond expansion.
Woolly Nightshade	250	10	Apply during the active growth period. The addition of addition of AGPRO Organosilicone is recommended at 100ml/100 litres for ground application and 2litres/ha for aerial application.

STUMP SWABBING:	
Barberry, old man's beard, hawthorn, woolly nightshade, wattle, willow and other brushweeds.	Mix 1 part AGPRO Trichloram Brushkiller with 20 parts of water or diesel and using a paintbrush or knapsack liberally coat freshly cut surface and stems down to ground level. If using diesel, agitate while filling and during use.

KNAPSACK:For all weeds use 6 ml AGPRO Trichloram Brushkiller per litre of water.

MIST BLOWER:For all weeds use 100 mL/10 L tank. For ULV attachments use 500 mL per 10 L tank, using the No. 3 or 4 hole.

STEM CUT AND INJECT: Make two shallow cuts into opposite sides of the trunk at waist height or below the lowest branch. Using a syringe gun or similar, inject 1.5ml AGPRO Trichloram Brushkiller into each cut. If the stem is greater than 15cm make four cuts at equal distances around stem. Best results will occur when trees are in active growth.

FORESTRY: RADIATA PINE AERIAL RELEASE SPRAYING		
WEEDS	RATE L/ha	COMMENTS
Broom, buddleja, gorse, Himalaya honeysuckle, lupin, tutus, wattles.	1-2	Use the low rate if young pine trees are not dormant. Apply the high rate only to dormant trees and within one year of planting. Some minor tree distortion may occur. Suppression only of the weeds is achieved. Follow-up treatment may be necessary to obtain complete control. Consult your AGPRO representative before proceeding.

Registered pursuant to the ACVM Act 1997, No P7634
See www.nzfsa.govt.nz/acvm for registration conditions.

Approved pursuant to HSNO Act 1996, ERMA Approval Code HSR000555
See www.ermanz.govt.nz for approval controls.