

# HARMFUL

ECOTOXIC Not to be used on turf.

READ THE DIRECTIONS FOR USE INFORMATION BEFORE USING THIS PRODUCT.

## AGPRO Cloram HERBICIDE

Active Ingredient: 150g/litre picloram and 225g/L clopyralid both as the monoethanolamine salt in the form of a soluble concentrate.

For the control of certain broadleaf weeds in fodder brassicas and radiata pine.

Approved pursuant to HSNO Act 1996 No HSR000762  
See [www.ermanz.co.nz](http://www.ermanz.co.nz) for approval controls.  
Registered pursuant to the ACVM Act 1997 No P7864  
See [www.nzfsa.govt.nz/acvm/](http://www.nzfsa.govt.nz/acvm/) for registration conditions.

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Net Contents:  
Batch No:  
Date of Manufacture:

**HAZARD CLASSIFICATIONS:** 6.4A, 9.1C, 9.2A, 9.3C.

**WARNING**

May be harmful if swallowed, inhaled or absorbed through the skin. May cause eye irritation. Avoid contact with eyes and skin. Avoid inhalation of spray mist. Toxic to aquatic organisms. Avoid contamination of any water supply with product or empty container. Very toxic to soil flora. Toxic to terrestrial vertebrates.

**PRECAUTIONS**

**APPROVED HANDLER:** This product must be under the control of an approved handler when applied in a wide dispersive manner, used by a commercial contractor or applied directly onto or into water.

**STORAGE:** Store in original container, tightly closed and away from foodstuffs. Store in a cool dry well ventilated area, avoiding sunlight and temperatures below -5°C and above 35°C. When stored appropriately this product should show no significant degradation for two years from the date of manufacture. Contact your supplier for information about the use of product that is older than this.

**PROTECTIVE CLOTHING:** When mixing or applying this product, overalls, boots, gloves and eye protection should be worn.

**SPRAYING EQUIPMENT:** Apply only with well maintained and calibrated equipment.

**PERSONAL HYGIENE:** Do not eat, drink or smoke while using. Remove protective clothing and wash hands and face thoroughly before meals and after work.

**TRACKING:** This product does not need to be tracked.

**RECORDS:** Records of use must be kept when: more than 3L is applied or discharged in 24 hours in a place where a member of the public may lawfully be present or the substance is likely to enter air or water and leave the place.

**PRODUCT DISPOSAL:** Dispose of this product only by using according to the label directions or if this is not possible alternatively contact your supplier for advice.

**CONTAINER DISPOSAL:** Triple rinse container and add rinsate to the spray tank. Dispose at an approved landfill. Do not burn. Do not use container for any other purpose.

**First Aid:** If swallowed DO NOT induce vomiting. If splashed in eyes, wash out immediately with water. If skin or hair contact occurs, remove contaminated clothing and flush with water. For advice call the National Poisons Centre 0800 POISON (0800 764 766) (24 hours) or a doctor immediately.

**Emergency Response:** In a transport emergency call 111, Police or Fire Brigade.

**Spillage:** Exclude non-essential people from the area. Wear protective clothing and prevent chemical from entering waterways. Absorb spill with inert material such as soil, sand, etc and place in a waste container. Wash area with water, and absorb with further inert material. Dispose of safely to an approved landfill.

**Safety Data Sheet:** Additional information is provided in the safety data sheet. Phone 09 273 3456 or visit [www.agpro.co.nz](http://www.agpro.co.nz) for a copy.

**GENERAL INFORMATION**

AGPRO Cloram is a selective herbicide for the control of many broadleaf weeds in fodder brassicas and radiata pine.

**BEWARE: APPLY THIS PRODUCT CAREFULLY AS SPRAY DRIFT MAY CAUSE SERIOUS DAMAGE TO OTHER DESIRABLE PLANTS. DONOT USE ON THE BOTTOM OF DRAINS, DITCHES OR IRRIGATION CHANNELS.**

TREATED VEGETATION SHALL NOT BE DISPOSED OF AT ANY GREEN WASTE RECYCLING CENTRE.

Withholding Period: **Other than for animal safety or crop rotation purposes a withholding period is not required when used as directed.**

Animal Safety: **Poisonous plants (including but not limited to black nightshade, ragwort and thornapple) 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.**

**Mixing:** Pour the measured quantity of AGPRO Cloram into the partly filled spray tank and add the remainder of the water, agitating thoroughly during spraying. If required add the AGPRO Crop Oil or AGPRO Organosilicone.

**Application methods:** AGPRO Cloram can be applied using conventional ground or aerial spraying equipment. Only mix sufficient spray solution for immediate use and avoid storing. Equipment should be thoroughly decontaminated before and after using AGPRO Cloram.

**Aerial and Boom Spraying (Brassicas only):** Use a minimum 100-300L of water/ha applied as a coarse spray. Use the higher rate when weeds are dense.

**CDA Spraying (Brassicas only):** Use not less than 30 litres of water/ha using spray equipment that will produce a droplet size of 250-300 microns. Trials indicate that CDA application may result in less effective than conventional boom spraying.

**Aerial Spraying (Radiata pine only):** Use a minimum 150L of water/ha using the double pass, overlap flying system and applied as a coarse spray. Select a nozzle configuration to ensure thorough coverage. Disc and cone nozzles are recommended. In calculating area treated allow for topography to ensure the correct herbicide rate per hectare applied.

**Spot Spraying (Radiata pine):** Use a pressure of 1000-2000 kPa through a No 6-8 tip and apply to give full coverage of leaves and stems from all directions.

**Compatibility:** AGPRO Cloram is compatible the AGPRO Haloxyfop 100 and AGPRO Terbutylazine formulations. Do not use Organosilicone when AGPRO Cloram is mixed with other herbicides.

**DIRECTIONS FOR USE:**

**Fodder Brassicas:**

Use 350ml/ha to control Fathen, Black nightshade, thornapple and suppress Redroot. Apply to actively growing 2-8 true leaf seedlings. For aerial and ground broadcast application always add 500ml of AGPRO Crop Oil per /100L of spray mix. For CDA application add 500ml/ha of AGPRO Crop Oil. The time of application should be determined by the growth stage and the activity of the weeds and not the crop.

**Soil Residues and Crop Rotation:** The rate of decline of soil residues is dependent of several factors including soil type and rainfall and will vary from district to district. Under low rainfall conditions (less than 800mm/year) or in heavy poor draining soil, delay planting of susceptible crops for at least 2 years. If in doubt regarding other crops or for additional information contact an AGPRO representative.

**Clovers:** Establishment and growth are possible in pastures sown after brassicas treated with the recommended rates of AGPRO Cloram. To minimize potential damage to clovers from picloram soil residues, allow a minimum of 6 months after treatment, deep plough and surface cultivate before sowing pasture.

**Cereal Crops:** May be sown following brassicas treated with AGPRO Cloram.

**Potatoes, peas, Lucerne, beans, curcubits, tomatoes and other crops which are highly susceptible to picloram:** Do not sow for a least 1 year and not until it has been demonstrated it is safe to do so. Do not use AGPRO Cloram if wishing to sow susceptible crops within this period. Avoid repeat treatments of AGPRO Cloram to successive brassicca crops as this can increase the potential for soil residues.

**Radiata Pine:** For maximum suppression of gorse and broom apply during the period of soft active growth when there is good soil moisture. At spraying the gorse and broom should be not less than 10cm high and preferably not more than 50cm high. Application outside these conditions may result in reduced weed suppression. For effective weed suppression do not apply beyond the end of February in the growth season. In some situations re-treatment during the following active growth season may be necessary. AGPRO Cloram may not adequately suppress new growth from stumps or coppice. With accurate application, good selectivity to Radiata pine is achieved. In some instances, some twisting of the needles and stems may occur. This is transient and will not affect long term growth of the tree.

**Gorse and Broom:** When applying by aerial application use 2.0-2.5L/ha of AGPRO Cloram and add AGPRO Organosilicone at 500ml/ha. For spot spraying mix 200ml of AGPRO Cloram in 10L of water and apply at 10ml of spray mix per square metre over the tree. Do not add organosilicone to spot mixes.

**Woolly nightshade, fleabane, fireweed, foxglove, ragwort, tree Lucerne, wattles:** Use 2.0L/ha and note the comments regarding timing and selectivity as above.

**Thistles:** Use 1L/ha

#### **CONDITIONS OF SALE.**

The use of AGPRO Cloram herbicide being beyond the control of the manufacturer, no warranty expressed or implied, beyond that cover under the Fair Trading Act is given by AGPRO NZ Limited regarding its suitability, fitness or efficiency for any purpose for which it is used by the buyer, whether used in accordance with the directions or not and AGPRO NZ Limited accepts no responsibility for any consequence whatsoever resulting from the use of this product.