



FORESTRY

## WARNING ECOTOXIC

Keep out of reach of children

Read label before use

# AGPRO Meturon

## RESIDUAL HERBICIDE

***Active Ingredient: 600g/kg of metsulfuron-methyl in the form of a water dispersible granule.***

For the control of gorse and other scrub weeds in forestry site preparation and waste areas

**DO NOT USE ON PASTURE OR CROPLAND AREAS**

### 2kg

Approved pursuant to HSNO Act 1996,  
Approval Code HSR000242  
See [www.epa.govt.nz](http://www.epa.govt.nz) for approval controls

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# AGPRO FORESTRY



### HAZARD CLASSIFICATION

Eye irritation Category 2, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1, Hazardous to soil organisms.

**HSNO Classification:** 6.3B, 6.4A, 9.1A, 9.2A

**This product must not be used for any purpose, or in any manner, contrary to this label unless authorised under appropriate legislation.**

### WARNING TOXICITY

Causes serious eye irritation.

### ECOTOXICITY

Very toxic to aquatic life with long lasting effects. Very toxic to the soil environment.

**AGPRO Meturon must not be applied or otherwise used onto or into water unless prior permission has been obtained from the Environmental Protection Authority (EPA) under section 95A of the Hazardous Substances and New Organisms Act 1996.**

Any person applying this substance to water must ensure that the substance is not applied in a manner that may cause harm to aquatic farms where food is produced; or in a manner that may cause harm to crops using water taken from that water body. Any person applying this product to water must also adhere to all notification, signage, testing, application rate and reporting requirements specified in the approval controls. Refer to [www.epa.govt.nz](http://www.epa.govt.nz) approval controls for full information.

Proper Shipping Name	Class	UN No.	Packing Group	Hazchem
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S., (contains metsulfuron-methyl 60%)	9	3077	III	2Z



LBL 511.2

## PRECAUTIONS QUALIFIED HANDLER

This product must be under the control of a suitably qualified handler during handling, mixing, loading or application.

**Herbicide** – very toxic to some plant species. Avoid contamination of any water supply with product or empty container.

**Beware: Spray drift hazard.** Apply this product carefully. Spray drift may cause serious damage to other desirable plants. Take the required measures to ensure that the substance does not cause any significant adverse effects to the environment beyond the application area.

**Aerial application:** To minimise the risk of damage from spray drift, especially where susceptible vegetation is within 500 metres, use low drift-nozzles which minimise the production of small droplets (< 100 microns). The preferred wind conditions for spraying are a light, constant breeze that is away from sensitive crops. Ensure compliance with relevant regional air management plans.

## PERSONAL PROTECTION

Avoid contact with skin and eyes, ingestion and inhalation of dust or spray mist. When mixing or applying this product, overalls, boots, gloves and eye protection should be worn. Do not eat, drink or smoke while using. Remove protective clothing and wash hands and face thoroughly before meals and after work.

## STORAGE

Store in original container, tightly closed, in a secure, dry, cool and well-ventilated area avoiding direct sunlight and away from foodstuffs, fertilisers or seeds. Storage must be in accordance with the current version of NZS 8409 Management of Agrichemicals.

Stores containing 100 kg or more of **AGPRO Meturon** require secondary containment, signage and an emergency plan.

## EQUIPMENT

Apply only with appropriate, well-maintained and calibrated equipment in accordance with NZS 8409.

## RECORDS OF APPLICATION

If 3kg or more of the substance is applied within 24 hours, in a place where the substance is likely to enter the air or water and leave the application area, written records must be kept.

## DISPOSAL

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

**CONTAINER DISPOSAL:** Triple rinse container and add rinsate to the spray tank. Recycle clean containers at an Agrecovery depot, or puncture and dispose of at an approved landfill. Do not burn. Do not use container for any other purpose.

## FIRST AID

**For advice call the National Poisons Centre 0800 POISON (0800 764 766) (24 hours) or a doctor.** If medical advice is needed have product container or label to hand.

**IF SWALLOWED:** Do NOT induce vomiting. Rinse mouth. Call the Poisons Centre or doctor if you feel unwell.

**IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If irritation persists, get medical advice/attention.

**IF ON SKIN OR HAIR:** Remove contaminated clothing and flush with water.

If skin irritation occurs, get medical advice/attention. Wash contaminated clothing before reuse.

**IF INHALED:** Remove to fresh air and keep at rest in a position comfortable for breathing. Call the Poisons Centre or a doctor if you feel unwell. Apply artificial respiration if not breathing.

## EMERGENCY RESPONSE

In a transport emergency call 111, Police or Fire Brigade.

For specialist advice in a chemical emergency call 0800 CHEMCALL (0800 243 622).

## SPILLAGE

Exclude non-essential people from the area. Wear protective clothing and prevent chemical from entering waterways. Generating as little dust as possible, sweep up solid spills. Absorb liquid spills with inert material such as attapulgate, soil, etc. Wash area with water and absorb with further inert material. Place all waste material in a sealable, labelled waste container and dispose of safely at 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 INSTRUCTIONS

**AGPRO METURON** is a dry flowable granule for control of scrub weeds in Radiata pine forestry establishment and waste ground. The herbicide is rapidly absorbed by foliage and translocated systemically in the plant. It controls the weed growth by stopping cell division in the growing tips of roots and foliage. This happens quickly and causes a slow decline in plant health and finally kills the plant. It does not control black

nightshade, woolly nightshade, boxthorn, browntop, cocksfoot, paspalum, kikuyu grass, Indian doab, couch and pampas grass.

**APPLICATION:** Apply at 200-400 litres of water/ha using conventional spray equipment. Higher volumes of water are desirable as this increases the evenness and accuracy of distribution.

## DO NOT USE ON PASTURE OR CROPLAND AREAS.

**Do not apply into or onto water without prior permission from the EPA and complying with the required HSN0 controls. See the WARNING and PRECAUTIONS sections for further information.**

## MARKER DYES

**AGPRO METURON** is compatible with commonly used marker dyes but tank mixtures including marker dyes based on acetic acid should be used within 24 hours.

## RESISTANT WEEDS WARNING

GROUP	2	HERBICIDE
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**AGPRO METURON** is a member of the sulfonylurea group of herbicides. Some naturally occurring weed biotypes resistant to sulfonylurea herbicides may exist. These resistant weeds will not be controlled by **AGPRO METURON** or other sulfonylurea herbicides and may become dominant in that field. Agricultural practices such as tillage, preventing weed escapes from going to seed and using herbicides with different modes of action within and between seasons can aid in delaying the proliferation and possible dominance of resistant weed biotypes.

**COMPATIBILITY**

Compatible with most commonly used herbicides.

**RAINFALL**

Rainfall within 3 hours following treatment may reduce effectiveness. Earlier re-treatment should be considered following heavy rain.

**DIRECTIONS FOR USE****MIXING**

Add the full quantity of **AGPRO METURON** to a partly filled spray tank while agitating. Fill tank and agitate to ensure thorough mixing and continue agitation while spraying. Agitate from the bottom if allowed to stand.

**APPLICATION RATE**

**Handgun Spraying:** Ensure the foliage is fully saturated. For gorse control, spraying to achieve run-off is essential.

**Knapsack Spraying:** Use only on vegetation when full spray coverage can be obtained.

**Mistblower:** Ensure full vegetation coverage is achieved. Use the largest setting on U.L.V. attachments.

**Aerial Application:** Apply using a half overlap method with minimum water rates of 200-400 litres per hectare. Unless full spray coverage is achieved significant re-growth will occur. Do not aerially apply in agricultural areas due to possible spray drift issues.

**Forestry** (Radiata pine only): Use only for pre-plant weed control. Apply 170g/ha to control bracken, blackberry and seedling gorse. Do not plant trees within 2 months of spraying.

**CLEANING AND DECONTAMINATION**

All spraying and mixing equipment should be thoroughly decontaminated after using **AGPRO METURON** as this product is a very effective herbicide in very low concentrations. Rinse all equipment and hoses thoroughly with clean water (at least 10 minutes) and then rinse twice with a 3% sodium hypochlorite solution. Then rinse all equipment and hoses with clean water again to remove the chlorine solution.

**CONDITIONS OF SALE**

As the use of this product is beyond the control of AGPRO NZ Ltd, no warranty expressed or implied, beyond that covered under the Fair Trading Act is given by AGPRO NZ Ltd regarding its suitability, fitness, or efficacy for any purpose for which it is used by the user, whether in accordance with the directions or not. AGPRO NZ Ltd accepts no responsibility for any consequence whatsoever resulting from the use of this product.

**APPLICATION RATES**

Weed	Handgun Rate/100L water	Knapsack Rate/ 10L water	Mistblower Rate /10L water	Aerial or boom Rate/hectare	Critical Comments
Barberry	35g	5g	10g	-	Apply from November to May. Spray single bushes less than 3 m high for best results.
Blackberry	20-35g	5g	10g	200-300g	Apply from November to June. Best results are obtained when applied from January to May and prior to leaf discolouration. Use the higher rate in Northland and the East Coast of North Island.
Bracken	35g	5g	10g	170g	Apply from January to June when fronds are unfurled, but before frost browning. Best results will be obtained when frond re-growth is sprayed after burning.
Broadleaf Weeds	5g	1g	2g	50g	Apply when the weeds are actively growing in roadsides, industrial sites and waste areas.
Broom	35g	5g	10g	-	Apply from November to May to actively growing plants. Ensure <b>AGPRO Organosilicone</b> is added at 100mls/100litres.
Fennel	5g	1g	2g	50g	Apply when weeds are actively growing.
Gorse	20g	5g	10g	500g	Apply at any time of the year. For ULV mistblower spraying increase the rate to 20g/10L. It is essential to add <b>AGPRO Organosilicone</b> at the following rates for all gorse spraying. Handgun: 100ml/100 litres. Knapsack:10ml/10 litres. Aerial or ground boom: 400ml/100 litres.
Seedling gorse	-	-	-	170g	Apply at any time of the year. Add <b>AGPRO Organosilicone</b> at 400ml/100 litres
Hawthorn	35g	5g	10g	-	Apply from November to March. Spray single bushes less than 3 m high for best results.
Horehound	-	-	-	75g	Apply when weeds are actively growing.
Inkweed	25g	5g	10g	50g	Apply when weeds are actively growing.
Manuka/Kanuka	30g	5g	10g	300g	Apply to actively growing trees. For aerial application add <b>AGPRO Organosilicone</b> at 2 litres/ha.
Matagouri	25g	5g	10g	170g	Apply when bushes are actively growing, generally December to April.
Old Man's Beard	35g	5g	-	170g	Apply from November to May. Add <b>AGPRO Organosilicone</b> at 100mls/100 litres.
Privet	35g	5g	10g	-	Apply when actively growing during Spring or Autumn.
Radiata pine	-	-	-	500g	Apply when actively growing. Ensure complete coverage is achieved. Add <b>AGPRO Organosilicone</b> at 400mls/100 litres.
Ragwort/Thistles	2.5-5g	1g	-	-	Apply on ragwort from the rosette stage to late flowering, however for best results spray at the rosette stage. Spray into the centre of the plant. Use the higher rate on multicrown plants.
Sweet Brier	35g	5g	10g	170g	Apply from November to April. Ensure complete coverage is achieved.
Tauhinu	-	-	-	300g	Apply when actively growing. Spray single bushes less than 3 m high for best results. The addition of a <b>AGPRO Organosilicone</b> at 100ml/100L is recommended.
Tutu	25g	5g	10g	-	Apply when actively growing.
Wild Ginger	25g	5g	10g	-	Apply from Spring to late Autumn.
Willows	35g	5g	10g	-	Apply from November to April. Ensure complete coverage is achieved.

