

WARNING • ECOTOXIC

Keep out of reach of children
Read label before use

AGPRO[®] MET

*Contains 600g/kg of metsulfuron-methyl in the form of
a water dispersible granule*

For the control of gorse, broom, blackberry and other scrub and broadleaf
weeds in forestry site preparation, waste areas and pasture

2kg

Registered pursuant to the ACVM Act 1997, No. P10196
See www.foodsafety.govt.nz for approval conditions
Approved pursuant to HSNO Act 1996,
Approval Code HSR000242
See www.epa.govt.nz for approval controls

Registered to and distributed by:
AGPRO (N.Z.) Limited
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www.agpro.co.nz

AGPRO



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.

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

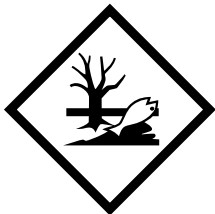
WARNING TOXICITY

Causes serious eye irritation.

ECOTOXICITY

Very toxic to aquatic life with long lasting effects. Hazardous to soil organisms.
Take all reasonable steps to ensure

Proper Shipping Name			
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S., (metsulfuron-methyl 60%)			
Class	UN No.	Packing Group	Marine Pollutant
9	3077	III	Yes



AGPRO[®]
(N.Z.) LIMITED

FREE RECYCLING



AGRECOVERY

www.agrecovery.co.nz

LBL518.1

that the substance does not cause any significant adverse effects to the environment beyond the application area. Do not apply directly into or onto water. Avoid contamination of any water supply with product or empty container.

PRECAUTIONS

QUALIFICATION REQUIREMENTS

Persons mixing, loading, applying or otherwise handling this product must meet qualification requirements set out in the EPA Hazardous Substances (Hazardous Property Controls) Notice 2017.

Selective Herbicide, Residual – very toxic to some plant species.

Beware: Spray drift hazard. Apply this product carefully. Spray drift may cause serious damage to other desirable plants. Do not allow drift to occur outside the target area.

Aerial Application: Aerial application is recommended on non-crop areas only. Do not apply or flush equipment onto or near desirable trees or other plants, or on areas where their roots may extend, or in locations where the chemical may be washed or moved into contact with their roots. Do not use on lawns, walkways, driveways, tennis courts or similar areas. Application to drains and irrigation channels must only be made when these waterways are dry and at least two months is allowed to elapse before they carry any water.

PERSONAL PROTECTION

Avoid contact with skin and eyes, and inhalation of dust and spray mist. When mixing or applying this product wear chemical resistant gloves, overalls, boots and eye protection. 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, well-ventilated area, away from direct sunlight and away from foodstuffs, fertilisers or seeds.

Storage must be in accordance with the current version of the NZ Standard for the Management of Agrichemicals (NZS 8409). Stores containing 100kg or more of **AGPRO MET** require, signage and an emergency response plan.

SHELF LIFE

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

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 for three years.

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. Call the Poisons Centre or a 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. Flush skin 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 Poison 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/equipment and prevent chemical from entering waterways. Absorb liquid spills with inert material such as attapulgite, soil, etc., and place in a sealable and labelled waste container. Generating as little dust as possible, sweep up solid spills and place in the waste container. Wash area and absorb with further inert material. 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 for a copy.

GENERAL INSTRUCTIONS

AGPRO MET is a non-volatile, non-hormonal, selective, residual herbicide which is absorbed through foliage and roots and translocated throughout the plant. It inhibits cell division causing a loss of vigour and eventual plant death. Best results are obtained by treating actively growing weeds between spring and autumn.

Pasture Re-establishment: AGPRO MET is extremely damaging to established clovers and ryegrass, and soil residues may prevent the early re-establishment of a clover/ryegrass sward. Soil residue persistence will vary according to dose rate, soil type and climate. A minimum period of three months should elapse before oversowing. It is recommended that small areas be oversown one to two months before the planned time for sowing to check whether a damaging residue is still present. If a quick vegetation cover is required a resistant grass such as cocksfoot or browntop can be oversown.

RESISTANCE MANAGEMENT

GROUP	2	HERBICIDE
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AGPRO MET contains the sulfonylurea metsulfuron-methyl mode of action. Use strictly in accordance with label directions. Naturally occurring weed biotypes resistant to **AGPRO MET** and other sulfonylurea herbicides may exist. These resistant weeds will not be controlled by **AGPRO MET** and may become dominant in that field. To prevent or delay the development of resistant weeds use cultural practices such as tillage, preventing weed escapes going to seed, and herbicides with different modes of action against the weed. Consult www.resistance.nzpps.org for alternative modes of action and the details of resistance management strategies (if any).

It is an offence for users of this product to cause residues exceeding the relevant MRL in the Food Notice: Maximum Residue Limits for Agricultural Compounds.

WITHHOLDING PERIOD

Do not graze treated areas with dairy cows for three days after application or one day for other stock.

ANIMAL SAFETY

Poisonous plants (e.g. including but not limited to ragwort) 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.

DIRECTIONS FOR USE MIXING

Partially fill the spray tank and add the correct amount of **AGPRO MET**. Agitate thoroughly while filling and spraying. When using with organosilicone surfactants such as AGPRO Organosilicone add the AGPRO Organosilicone last when the tank is nearly full, to minimize foaming.

COMPATIBILITY

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

APPLICATION METHODS

Handgun Spraying: Ensure complete coverage of foliage and stems. Use pressures of 1,000-2,000kPa and No. 4

or No. 6 spray tips. Apply at least 1,000 litres spray per hectare.

Knapsack Spraying: Only use for treating small bushes where complete coverage can be achieved.

Mistblower: Ensure complete coverage of foliage and stems. For U.L.V. attachments use the largest setting.

Aerial Application: For standard boom systems apply no less than 200-400 litres of water/ha as two overlapping passes of 100-200 litres of water/ha. For foaming nozzle systems: Apply a minimum of 230 litres of water/ha as two overlapping passes of 115 litres of water/ha.

Carpet Roller/Wick Wiper: To control pasture weeds such as ragwort, buttercup, thistles. Graze pasture first to maximize the height difference between pasture and weeds. Pre-mix 1g **AGPRO MET** per litre of water. Ensure wiper is wet before starting. Two passes in opposite directions are recommended. Keep wiper surface moist and free from trash. Avoid dripping as pasture damage may result.

Stump Swabbing: To control gorse or barberry, apply 5g **AGPRO MET** per litre of water with a paint brush or knapsack sprayer, to the freshly cut stem and stump to ground level.

Stem Injection: To control poplars, willows, privet and pines. Mix 20g **AGPRO MET** per litre of water and inject

2mL of solution per hole into holes made at 10cm intervals around the tree trunk. Control of large willows may be variable.

Forestry: Preplant treatment for radiata pine only. To control bracken, blackberry and seedling gorse, apply 170g **AGPRO MET** per hectare. Do not plant trees within two months of spraying.

APPLICATION RATES

Weeds Controlled				
Weed	Handgun Rate/100L	Knapsack Rate/10L	Mistblower Rate/10L	Boom or Aerial Rate/ha
Barberry	35g	5g	10g	-
Apply from November to May. Best results are achieved treating single bushes less than 3 metres high.				
Blackberry	20-35g	5-8g	10-16g	200-300g
Use the higher rate on harder to kill blackberry types such as those occurring in some Northland areas and on the east coast of the North Island. AGPRO MET may be applied from November to June but for best results apply from January to May. Only treat bushes with a well developed leaf canopy, prior to leaf discoloration. Preferably use ground application equipment. Crushing, slashing or burning of treated bushes is recommended as soon as canes are brittle enough. Intensive stocking (sheep or goats) and oversowing of treated areas will minimize the amount of re-growth. There may be some re-growth requiring follow-up treatment two years after spraying.				
Bracken	35g	5g	10g	170g
Apply when fronds are unfurled, (January to June) but before frost browning. Best results can be expected when plants are burnt in spring and frond re-growth is sprayed the following March to June.				
Broadleaf weeds	5g	1g	2g	50g
For the control of a wide range of broadleaf weeds on waste areas, roadsides, water tables, drains and industrial plant sites. Apply when weeds are actively growing.				
Broom	35g + AGPRO Organosilicone 100mL	5g + AGPRO Organosilicone 10mL	10g + AGPRO Organosilicone 10mL	-
Apply from November to May to actively growing bushes.				
Fennel	5g	1g	2g	50g
Apply when weeds are actively growing.				

Weeds Controlled				
Weed	Handgun Rate/100L	Knapsack Rate/10L	Mistblower Rate/10L	Boom or Aerial Rate/ha
Gorse	20g + AGPRO Organosilicone 100mL	5g + AGPRO Organosilicone 10mL	10g 20g U.L.V. + AGPRO Organosilicone 10mL	500g + AGPRO Organosilicone 400mL/100L
Apply at any time of the year. Ensure full coverage and complete canopy penetration, otherwise significant re-growth may occur. Follow-up aerial spraying with slashing, crushing or burning and oversowing of pasture species. Some further chemical treatment may be required.				
Seedling Gorse	-	-	-	170g + AGPRO Organosilicone 400mL/100L
Hawthorn	35g	5g	10g	-
Apply from November to March. Best results are achieved treating single bushes less than 3 metres high.				
Horehound	-	-	-	75g
Apply to actively growing weeds in waste areas or sheep camps where pasture damage is acceptable.				
Inkweed	25g	5g	10g	50g
Apply when weeds are actively growing.				
Manuka/ Kanuka	30g	5g	10g	300g + AGPRO Organosilicone 500mL/100L
Apply at any time of the year but reduced control may occur during periods of peak flowering. Ensure complete coverage of tall growing bushes. Aerial: Apply at least 400 litres water/ha.				
Matagouri	25g	5g	10g	170g
Apply to actively growing bushes from December to April.				

Weeds Controlled				
Weed	Handgun Rate/100L	Knapsack Rate/10L	Mistblower Rate/10L	Boom or Aerial Rate/ha
Old Man's Beard	35g + AGPRO Organosilicone 100mL	5g + AGPRO Organosilicone 10mL	-	170g + AGPRO Organosilicone 250mL/100L
Apply from November to May.				
Privet	35g	5g	10g	-
Apply in spring or autumn when privet is actively growing.				
Ragwort/ Thistles	2.5-5g	1g	-	-
Apply to ragwort from the rosette stage to late flowering. Use the higher rate on multicrown plants. Direct spray to the centre of the plant. Seed from treated flowering plants will not be viable providing application is made before senescence (flowers discolour). CAUTION: Ragwort plants may become more palatable following spraying. Stock should be removed until the treated plants die down.				
Sweet Brier	35g	5g	10g	170g
Apply from November to April with complete coverage of trees.				
Tauhinu	-	-	-	300g + AGPRO Organosilicone 250mL/100L
Apply during active growth. Larger bushes may be less well controlled.				
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 with complete coverage of trees.				

Weeds Not Controlled: AGPRO MET

does not control black nightshade, woolly nightshade, boxthorn, browntop, cocksfoot, paspalum, kikuyu grass, Indian doab, couch and pampas grass.

CLEANING AND DECONTAMINATION

Metsulfuron-methyl is extremely damaging to established clovers and ryegrass, and soil residues may prevent the early re-establishment of a clover/ryegrass sward. To avoid injury to subsequently sprayed sensitive crops, all traces of **AGPRO MET** must be removed from mixing and spraying equipment immediately after spraying. Flush all equipment and lines with clean water then thoroughly decontaminate spray equipment before it is used to treat plants that are sensitive to metsulfuron-methyl. Cleaning water should be discharged onto a designated disposal area, or onto unused land away from desirable plants or water sources.

CONDITIONS OF SALE

As the use of this product is beyond the control of AGPRO (N.Z.) Limited, no warranty expressed or implied, beyond that covered under the Fair Trading Act is given by AGPRO (N.Z.) Limited 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 (N.Z.) Limited accepts no responsibility for any consequence whatsoever resulting from the use of this product.