

WARNING • ECOTOXIC

KEEP OUT OF REACH OF CHILDREN

Read label before use

AGPRO Glyphosate Dry 800 WSG

NON-SELECTIVE HERBICIDE

*Active Ingredient: 800g/kg glyphosate as the ammonium salt
in the form of a water soluble granule.*

A non-selective, non-residual herbicide for the control of
brushweeds and other weeds in a wide range of situations.

10kg

Registered pursuant to the ACVM Act 1997, No. P8708
See www.foodsafety.govt.nz for registration conditions
Approved pursuant to the HSNO Act 1996, Approval Code HSR100815
See www.epa.govt.nz for approval controls

Registered to and distributed by:
AGPRO NZ Limited,
10 Polaris Place, East Tamaki, Auckland 2163
PO Box 58-963, Botany, Auckland 2163
Phone: 09 273 3456
www.agpro.co.nz

AGPRO



HAZARD CLASSIFICATION

Eye Irritant category 2,
Hazardous to the aquatic
environment chronic category 2.

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

Toxic to aquatic life with long-lasting effects.

PRECAUTIONS

QUALIFIED HANDLER

The product must be under the control of a suitably qualified handler if it is applied onto or into water.

Non-Selective 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 all reasonable steps to ensure that the substance does not cause any significant adverse effects to the environment beyond the application area.

PERSONAL PROTECTION

Avoid contact with eyes and skin. Avoid inhalation of dust or spray mist. When mixing or applying, wear overalls, boots, gloves and eye protection. Clean protective clothing daily after work. 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 NZS 8409 Management of Agrichemicals. Stores containing 1,000 kg or more of **AGPRO Glyphosate Dry 800 WSG** requires secondary containment, signage and an emergency response plan.

Proper Shipping Name	Class	UN No.	Packing Group	Hazchem	Marine Pollutant
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S., (glyphosate, 80%)	9	3077	III	2Z	YES

Batch Number:

Date of Manufacture:



LBL375.1

EQUIPMENT

Apply only with well-maintained and calibrated spray equipment. This product should only be mixed, contained in or sprayed by equipment made from stainless steel, fibreglass, plastic, aluminium, brass or copper. A highly flammable gas may be formed from the contact of this product with galvanised or unlined steel.

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: Dispose of empty packaging to an approved landfill. Do not burn. Do not use packaging 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 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 and flush with water. If irritation occurs, get medical advice/attention.

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).

SHELF LIFE

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 older than this.

SPILLAGE

Exclude non-essential people from the area. Wear protective clothing and prevent material from entering waterways. Generating as little dust as possible, sweep up solid spills and place in a sealable and labelled waste container. Wash area with water and absorb with inert material such as attapulgate, soil, etc., and place in the waste container. Dispose of safely at an approved landfill. Absorb liquid spills with inert material such as attapulgate, soil, etc., and place in the waste container. Wash area with water 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 INFORMATION

AGPRO Glyphosate Dry 800 WSG is a non-selective, non-residual glyphosate herbicide for the control of brushweeds and of many annual and perennial weeds in a wide range of situations. **AGPRO Glyphosate**

Dry 800 WSG is water soluble and is absorbed by green plant tissue. It is then translocated throughout the plant, including the root system, to kill the entire plant. Plants should be actively growing, not under drought stress, and have clean foliage at the time of spraying. The product degrades in the soil and has no residual weed control activity. Visible effects may not be apparent for 14 days depending on weather conditions, weed species and rate of application. Some perennial weeds may not show effects for 2 - 3 weeks. For brushweeds and woody weeds, **AGPRO Organosilicone** should also be added.

RESISTANT WEEDS WARNING

GROUP	9	HERBICIDE
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AGPRO Glyphosate Dry 800 WSG contains glyphosate as the ammonium salt. Glyphosate is a glycine herbicide which inhibits EPSP synthase. Naturally occurring resistant biotypes are known to exist and can become more prevalent after many years of continuous or excessive use of this product. To prevent or delay resistance use **AGPRO Glyphosate Dry 800 WSG** in tank mixes as appropriate, and/or in rotation with herbicides that have a different mode of action. Refer to www.resistance.nzpps.org for further resistance management advice.

WITHHOLDING PERIOD

Poisonous plants, such as ragwort, may become more palatable to stock after spraying, and livestock should be kept away until plants have died down. Otherwise, withholding is not required for stock grazing. However, it is recommended that grazing is delayed for one day for

annual weeds, and three days for perennial weeds. This will allow **AGPRO Glyphosate Dry 800 WSG** to penetrate the weeds for maximum effectiveness.

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.

COMPATIBILITY

AGPRO Glyphosate Dry 800 WSG is compatible with commonly used herbicides. **AGPRO Glyphosate Dry 800 WSG** can be tank mixed with AGPRO Terbutylazine 500 for residual control. **AGPRO Glyphosate Dry 800 WSG** can be tank mixed with AGPRO Meturon for improved brushweed control. Any mixing should be done in accordance with label recommendations.

RAINFALL

Do not apply when rain is likely to occur within 2 hours of application. The rainfall period can be reduced to 30 minutes if used in conjunction with **AGPRO Organosilicone**. Application to foliage which is already wet will increase the time required for rainfastness.

DIRECTIONS FOR USE

MIXING

Fill the clean spray tank with half the required amount of clean water. Add **AGPRO Glyphosate Dry 800 WSG** as required and mix well before adding the remaining water. Agitate well before spraying. When tank mixing with other chemicals, add **AGPRO Glyphosate Dry 800 WSG** after other water soluble concentrates, but before suspension concentrates such as AGPRO Terbutylazine 500. Soil particles and hard water containing calcium salts deactivate **AGPRO Glyphosate Dry 800 WSG**.

APPLICATION METHODS

BOOM EQUIPMENT: Application can be made in spray volumes up to 200 litres/ha using fan nozzles at pressures in the range of 200-280kPa. Boom height should be set so that a double overlap of nozzle pattern is achieved at the top of the target plants.

AERIAL EQUIPMENT: Applicable to forest and non-crop areas only. Can be applied by aircraft in spray volumes of up to 100 litres/ha. Increase spray volumes in hilly terrain to ensure maximum target contact. Do not use in intensive horticultural cropping areas. 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.

HANDGUN AND KNAPSACK:

Ensure a fine spray pattern to give complete coverage. For handguns, use pressures of 1000 – 2000 kPa and No. 4 and No. 6 spray tips.

WIPER EQUIPMENT: Use at rate of 1.7kg **AGPRO Glyphosate Dry 800 WSG** to 10 litres of water. Mix only enough for immediate use. Plants must be clean and dry and the wiper fully saturated. Apply up and down slopes for effective applications.

MISTBLOWER: Refer to Application Rates table.

WEED CONTROL NOTES

Agricultural Areas: May be used for the control of annual and perennial weeds as indicated in the Application Rates table prior to sowing any crop.

Asparagus: Pre-crop emergence and post-harvest applications. Apply prior to planting or crop emergence. Do not treat emerging spears. Application can also be made after removal of all spears but before crop regrowth occurs. In established ferns, apply as a directed or shielded spray or with wiper equipment. Do not allow spray, spray drift or the wiper surface to contact any part of the asparagus plant.

Broad-Acre Crops:

Wheat, barley, oats and threshing peas: Can be used to control weeds prior to cultivation or prior to harvest. Spray 7-12 days prior to harvest when the grain moisture is less than 30%. Do not harvest within 7 days after spraying. Do not spray undersown crops. Do not spray crops that will be harvested for seed. For threshing peas: Apply 7-14 days prior to harvest when the pods have dried. Avoid treating plants under drought stress.

Brushweeds: Refer to Application Rates table. The use of **AGPRO Organosilicone** is required.

Forestry: For the control of grasses and weeds as listed in the Application Rates table. Can be applied for weed control prior to burning or planting of forest or nursery or around already established trees. Do not allow spray drift or spray contact with foliage or green bark of desirable trees.

Market Gardens: Apply before or after seeding but prior to crop

emergence. Spraying can also be made prior to transplanting or as a post-harvest clean up.

Minimum Tillage: For total weed control prior to seeding in a reduced tillage system. Weeds should be actively growing and not under stress from frost, drought or waterlogging. In pastures where only annual weeds are present use 0.425 kg/ha to control seedling annual weeds and 1.275 kg/ha to control mature annual weeds. For perennial weeds the higher rate of 1.275 kg/ha with the addition of **AGPRO Organosilicone** at 200ml/100 litres is recommended. Cultivation may start within 7 days after spraying perennial and 3 days for annual weeds. Cultivation should occur within 21 days after spraying. Do not sow until a satisfactory seedbed is formed.

Non-Agricultural Areas: Treat specific problem weeds as indicated in the Application Rates table.

Orchards/Vines: Crops: citrus, apple, pear, stonefruit, kiwifruit, grapes. Apply as a directed or shielded spray. Do not apply near unprotected trees less than 3 years old. Do not allow spray or spray drift to contact any part of the stonefruit tree, or green bark, suckers, buds, foliage or fruit of other trees. Spray before crops bud, sucker or bloom.

Pasture: May be applied as a spot application to control a wide range of weeds in pasture. It is non-selective and may damage or kill any plant in the spray area.

Recreational Areas: Lawns, turf, parks, reserves and ornamentals. Apply before the sowing and planting of these areas or use as a spot application. In mown areas, allow sufficient regrowth before spraying. Can also be sprayed around the base of established trees or shrubs, as a directed or shielded spray. Avoid contact with any part of the shrub or tree.

APPLICATION RATES

WEED	BOOM/AERIAL kg/ha	HANDGUN g/100L	KNAPSACK g/15L	MISTBLOWER g /10L	CRITICAL COMMENT
Annual weeds	0.425-0.850	85	13	25	Use higher rate for larger weeds.
Australian sedge	2.55 Aerial 3.83	425	64	127	Apply from Nov. to Mar. Where rank growth is present the area should be burnt 12-18 months prior to aerial application to ensure adequate spray coverage.
Barberry	-	425	13	127	Apply Jan. to Apr. from flowering to late fruit. Where bushes have been cut, regrowth should be 1.5m tall before spraying.
Barley grass	0.425	85	13	25	
Blackberry	3.83-8.50	425-637	64	127	Apply to healthy plants from blossom to ripe fruit stage prior to autumn frosts (Dec. to Apr.). Only bushes with a well-developed canopy of leaves should be treated. Early treatment (Dec. to Jan.) may be preferred in drought prone areas. Leave sprayed blackberry for 40-60 days before burning or slashing and oversow the area. Where treatment has been carried out under marginal conditions some regrowth can be expected within 1-2 years. For aerial application of hard to kill blackberry or where no follow-up pasture management is anticipated, use the higher rate.
Boxthorn	-	595	-	-	Apply Nov. to Apr. to actively growing plants. Avoid salt damaged plants. Spray to ensure complete coverage of dense thickets. Do NOT use additional surfactant as poor results may occur.
Bracken	3.83 + Organo 250mL/100L Min 500mL/ha	425 + Organo 200mL/ 100L	64 + Organo 30mL	-	AGPRO Organosilicone (Organo) MUST BE USED. Apply when fronds are unfurled (mid Jan. to June.) but prior to frost browning. DENSE VIRGIN BRACKEN WITH HIGH TRASH CONTENT AND LOW LEAF TO ROOT RATIO SHOULD BE BURNT IN SPRING AND THE UNFURLED FROND REGROWTH SPRAYED THE FOLLOWING MARCH TO JUNE.
Broom	3.83 + Organo 250mL/100L Min 500mL/ha	425 + Organo 200mL/ 100L	64 + Organo 20mL	127 + Organo 20mL	AGPRO Organosilicone (Organo) MUST BE USED. Aerial Application - Best results are obtained when plants are in full leaf. Handgun Application - Apply all year round. Ensure full coverage.
Browntop	1.27	212	34	64	Apply to 5-10cm high actively growing plants. Some regrowth may occur. Long-term control requires a pasture renewal programme utilizing annual crops and repeat applications of AGPRO Glyphosate Dry 800 WSG before re-establishing perennial pasture.
Buddleja	3.83	425	64	-	Handgun - If actively growing treat all year. Aerial - Treat buddleja up to 2m high during Feb. to Apr.
Californian thistle	1.7	425	64	127	Apply after flower bud development but before autumn browning. To ensure maximum shoot emergence do not cultivate for 6 months prior to treatment. Wiper - a double pass at low speed is recommended in heavy infestations. Mowing thistles 10 days after treatment may assist control. Re-treatment may be necessary in the following season.
Cleavers	0.64	212	34	64	

WEED	BOOM/AERIAL kg/ha	HANDGUN g/100L	KNAPSACK g/15L	MISTBLOWER g /10L	CRITICAL COMMENT
Couch	1.28 – 2.55	425	64	127	For suppression use 1.27kg/ha, for control use 1.7-2.55kg/ha when growing conditions are satisfactory. Autumn treatment is preferable. Use the high rate in late spring. Apply to plants with at least 4-5 leaves (at least 10-15 cm leaf length) and active shoot and root growth. Do not cultivate for 6 months prior to application to ensure maximum shoot emergence. Some regrowth may occur. Long-term control requires a pasture renewal programme utilising annual crops and repeat applications of AGPRO Glyphosate Dry 800 WSG before re-establishing perennial pasture.
Docks	1.7 – 3.83	425	64	-	Treat plants in spring or summer when actively growing and in full leaf. Use low rate for seedlings and young plants. Use high rate for control of established plants.
Gorse	-	425 + Organo 200mL/ 100L	-	-	AGPRO Organosilicone (Organo) MUST BE USED. Apply all year round. Spray to ensure complete coverage.
Indian doab	3.83	425	64	-	Apply when most plants have reached early seedhead.
Johnson grass	2.55	425	64	127	Apply to actively growing plants.
Kikuyu	2.55	425	64	127	Apply to actively growing plants. Under dense growth conditions silorate and allow regrowth before treatment to improve control levels.
Nodding thistle	-	425	64	-	Wiper Application: Apply when actively growing when at least 10cm of the weed can be wiped. In heavy infestations a double pass is recommended.
Old man's beard	-	425 – 850	128	-	Apply Nov. to Mar. prior to leaf senescence. Vines too high for complete coverage should be cut at ground level in winter or spring and the regrowth sprayed in Mar. when plants are at least 0.5m long. Follow-up treatment will be necessary to control seedlings. Use the low rate for small vines.
Pampas grass/ Toetoe	-	425	64	-	Apply spring-autumn. Ensure complete coverage. Best results are achieved when applied after flowering.
Paspalum	1.7 – 2.55	425	64	127	Use the low rate from Jan. to Apr. (early seedhead) prior to frosts. Use 2.55kg/ha on vegetative plants.
Potato (self set)	1.27	212	34	64	
Prairie grass	0.64	-	-	-	
Ragwort	2.55	425	64	-	Apply when actively growing. Wiper - apply when plants are 10-15cm above the pasture. In heavy infestations a double pass is recommended. Caution: Ragwort plants may become more palatable following spraying and stock should be removed until the treated plants brownout.
Ratstail	2.13	-	-	-	Apply to actively growing plants in autumn.
Rautahi (cutty grass) or Rushes	2.55	425	64	127	Apply to actively growing plants from Jan. to Mar. Burning or slashing may take place from 30 days after treatment following brownout. Wiper (Rushes only). Apply Nov. to May.

WEED	BOOM/AERIAL kg/ha	HANDGUN g/100L	KNAPSACK g/15L	MISTBLOWER g /10L	CRITICAL COMMENT
Ring fern	0.425 – 1.275	127	21	-	Control: Apply 1.27kg/ha in Jan. to Apr. Pasture Manipulation: Apply 0.425 – 0.850kg/ha Dec. to Apr. Use the high rate for dense infestations. Burn 4-6 weeks after treatment and oversow with pasture.
Ryegrass (perennial)	0.64 – 1.27 + Organo 100mL/100L	212 + Organo 100mL/ 100L	34 + Organo 10mL	-	AGPRO Organosilicone (Organo) MUST BE USED. Ensure plants are actively growing and have at least 5 – 10 cm of green leaf.
Sweet brier	5.1 + Organo 250mL/100L Min 500mL/ha	425 + Organo 200mL/100L	64 + Organo 20mL	-	AGPRO Organosilicone (Organo) MUST BE USED. Apply from late flowering to early leaf yellowing. Best results achieved with full coverage.
Tall fescue	2.55	425	64	127	Apply to actively growing plants Jan. to Mar.
Willow	3.83 + Organo 250mL/100L Min 500mL/ha	425 + Organo 200mL/ 100L	-	-	AGPRO Organosilicone (Organo) MUST BE USED. Apply from Jan. to Apr. before leaf fall begins. Total spray coverage is essential for best results. Use the high rate for pussy willow control.
Yarrow	1.28 – 2.55	-	-	-	Apply to plants with 5-10cm of leaf. Cultivate with a minimum of 2 grubblings from 10 days after treatment. Use the 1.28kg rate when a competitive crop to yarrow is to be drilled. Use the 2.55kg rate when the crop to be drilled is a poor competitor.

CLEANING AND DECONTAMINATION

After using spray equipment, flush all equipment and lines with clean water. If the same equipment which applied **AGPRO Glyphosate Dry 800 WSG** is to be used for any application onto or around sensitive crops, ensure that all spray equipment is washed well and decontaminated.

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.