

Read Precautions before opening

AGPRO
Glyphosate 360
Non-residual herbicide

Active ingredients: 360g/litre glyphosate as the Isopropylamine salt in the form of a soluble concentrate

Read the directions for use information before using this product.
Net content: 20litres

Batch No:

Date of manufacturer:

HSNO Approval number:

Registered pursuant to the ACVM Act 1997 No. P4554

See www.nzfsa.govt.nz / acvm for registration conditions.

Registered to and distributed by:

AGPRO NZ LTD

PO BOX 58-963, GREENMOUNT

10 POLARIS PLACE, EAST TAMIKI

AUCKLAND

PH 0-9-273 3456

FAX 0-9-2733457

Web: www.agpro.co.nz

GENERAL INSTRUCTIONS

PRECAUTIONS:

Store in the original unopened container in a cool dry place, avoiding sunlight and away from foodstuffs and drink containers. Do not get into eyes or on skin. In case of contact, flush skin or eyes with plenty of water for 15 minutes; for eyes get medical attention. Do not eat, drink or smoke while using. Remove protective clothing and wash hands and face thoroughly before meals and after work. Avoid contamination of any water supply with chemical or empty container.

FIRST AID:

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

AGPRO GLYPHOSATE 360 is a non-selective herbicide. It is absorbed by plant foliage and greenstems and is translocated through the plant from point of contact into the root system. The effects of AGPRO GLYPHOSATE 360 may not be apparent for 4-7 days depending on weather conditions, weed species and the herbicide use rate. Some perennial weeds may not show effects for 10-20 days.

There is no withholding period for AGPRO GLYPHOSATE 360. Avoid grazing weeds after spraying for 3 days if treating annual weeds or 7-10 days if treating perennial weeds, to allow translocation of this product through the weeds.

COMPATIBILITY:

Compatible with most commonly used herbicides.

SPRAY DRIFT WARNING:

Beware: apply this product carefully. Spray drift may cause serious damage to other desirable plants. Do not apply under weather or spraying conditions which would be expected to cause spray drift onto nearby crops and susceptible plants.

CONTAINER DISPOSAL:

Triple rinse container and add residue to spray tank. Burn in an appropriate incinerator, if circumstances such as wind direction permit. Otherwise crush or puncture and bury in a suitable landfill, or if appropriate, recycle.

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.

PROTECTION TO WILDLIFE, FISH, CRUSTACEA & ENVIRONMENT:

So not contaminate streams, rivers or waterways with the used container.

CONDITIONS OF SALE:

The use of AGPRO GLYPHOSATE 360 being beyond the control of the manufacturer, no warranty expressed or implied is given by AGPRO NZ LTD regarding its suitability, fitness or efficiency for any purpose for which it is used by the buyer, whether in accordance with the directions or not and AGPRO NZ LTD accepts no responsibility for any consequence whatsoever resulting from the use of this product.

DIRECTIONS FOR USE:

Restraints: for best results do not disturb sprayed weeds by cultivation or heavy grazing for 3 days after spraying for annual weeds or 7 days after spraying of perennial weeds. Avoid spraying if rain is expected within 6 hours. If heavy rain occurs within 2 hours after spraying a repeat application may be required.

SITUATION	WEEDS CONTROLLED	BOOM SPRAY RATE/ha	CRITICAL COMMENTS
For reduced cultivation and direct drilling prior to sowing winter crops or pasture For weed control prior to cultivation or sowing with a tyned implement	Barley grass, brome grasses, wild oats.	500ml – 1.00L pre tillering 1.00L – 1.25L post tillering	Apply to actively growing weeds only.
	Annual phalaris spp, annual poa	1.00L – 1.25L pre tillering 1.25L – 1.50L post tillering	Do not spray plants stressed due to low moisture levels, frost, disease, waterlogging or covered with dust.
	Fumitory, Scotch thistle, Variegated thistle, Wild turnip, Californian thistle.	1.00L – 1.25L less than 12cm diameter 1.00L – 1.50L greater than 12cm diameter	Seeding can commence 1 day after spraying for annual weeds and 7-10 days for perennial weeds, providing a suitable seed bed condition exists.
	Dock (seedlings)	1.00L – 1.50L	In grazed situations remove stock to allow 6-8cm regrowth before spraying.
	Subterranean clover	1.50L	If cultivation or sowing does not take place within 21 days, repeat treatment may be required.
Late winter-spring applications prior to sowing a summer crop or commencement of fallow.	Barley grass, Wild oats	1.00L – 1.50L	Use higher rates: 1) Late in the season where grasses reach tillering or where broadleaf weeds reach stem elongation budding. 2) When spraying in cold or overcast conditions.
	Brome grasses, Cape weed, Scotch thistle, Catsear, Wild radish, Wild turnip.	1.50L – 2.00L	
Prior to sowing winter crop or for weed control in summer fallows.	Annual phalaris spp, Barely grass, Wild oats.	1.00L – 1.50L	NOTE: Barnyard grass is particularly prone to moisture stress. Sowing should not proceed until conditions allow formation of a satisfactory seedbed. Where heavy weed growth is present sowing must be delayed until weed decay and soil conditions allow formation of a satisfactory seedbed. Incorporation of green or decaying vegetation into seedbeds via cultivation or sowing may retard crop emergence. In marginal seedbed conditions take care to achieve correct seedling depth. Where perennial weeds are being treated increase rate to 2.4L/ha. Use the 1.2L/ha rate on annual weeds. To control clover and improve control on dock and DICAMBA at label rates.
	Barnyard grass	1.00L – 1.50L	
	Redroot, Fumitory, Scotch thistle, Variegated thistle, Milkweed.	1.00L – 1.50L	

DIRECTIONS FOR USE (Continued)

SITUATION	WEEDS	APPLICATION RATES			CRITICAL COMMENTS
		Broomspray per ha	Handgun per 100L	Knapsack per 15L	
Woody and perennial weeds in pastures, forests and non-aggricatural areas. Spot directed or wiper application is required for selectivity in established pastures and forests.	Bracken	9.0L	1.5	225ml	Bracken should be slashed in the winter or early spring. Then prior to frosts, apply in March – May to actively growing fronds. It may be necessary to repeat treatment in conjunction with pasture improvement for permanent control. Add Triton X-45 tm at 250ml per 100L of spray.
	Browntop Cocksfoot	3.0L	700ml	100ml	Apply at early head stage to actively growing plants.
	Johnson Grass	6.0L	1.0L	150ml	Apply at early head stage to actively growing plants.
	Kikuyu, Paspalum	6.0L	1.0L	150ml	Apply to paspalum at early head stage. Apply to actively growing plants.
	Reed sweet grass, Floating sweet grass & Mercer grass	9.0L	1.3L	200ml	Apply to actively growing plants in late summer (Feb-March) and before the onset of frosts. Not more than one quarter of the plant should be submerged at the time of treatment.
	Boxthorn	-	1.0L	150ml	Do not spray in dry conditions. Complete spraying of the foliage cover is essential for total control. The use of CDA equipment is not recommended.
	Blackberry	-	1.0-1.5L	150-200ml	Should be applied between January – May i.e. from flowering to leaf fall. See that the plants are not under stress. Use of CDA equipment is not recommended. Complete spraying of foliage cover is essential for total control. Use the higher rate on old, dense infestation over 1.75m high.
	Gorse	-	1.0L	-	Handgun application only. Use pulsetm at 200ml/100L or poor results will occur. Spray plant to ensure complete coverage. Apply at any time of the year. Retreat as required as regrowth may occur after 12 months.
	Broom	9L	1L	150ml	Best results are obtained when plant is in full leaf. Late spring to early summer. Addition of Pulsetm at 250ml/100L (aerial application), 200ml/100L (handgun), 20ml/15L (knapsack).
	Pampas Grass, Toetoe	-	1L	150ml	Apply spring to autumn. Ensure complete coverage of the foliage. Do not spray while the plant is flowering.
	Buddleia	9L	1L	150ml	Apply to actively growing plants. Spray before the seedheads have formed (late spring to early summer) for best results.
	Old Man's Beard	-	1-2L	300ml	Use the higher rate on plants with stem diameters greater than 1cm. If it is not possible to obtain complete coverage, cut the plant in winter and spray when the plant is over 0.5cm long, using the higher rate. Apply November to March.
Ring fern	1-3L	300ml	50ml	The higher rate should normally be used for control. Use 1-2L/ha only for pasture manipulation, increasing the rate to 3L/ha for dense infestations.	

Orchards: Apples, Pears, Citrus, Grape, Stone and Berry fruits.	Annual Poa, Barnyard Grass Chickweed, Redroot Ryegrasses, Thornapple Scotch thistle, Wild oats	2.0-3.0L	500-700ml	75-100ml	DO NOT allow spray to drift on to crops. AGPRO GLYPHOSATE 360 can be tank mixed with SIMAZINE FLOWABLE formulations for the residual control of annual weeds. This mixture should not be used to control perennial weeds. Apply as directed or as a shielded spray using selective application equipment. DO NOT apply as a spray near trees or vines less than 3 years old. DO NOT allow spray or spray drift to contact green bark or stems, laterals, fresh wounds, foliage or fruit. For perennial ryegrass, add triton X-45tm at 100mls per 100 litres spray.
	Couch	6.0L	1.0L	150ml	Apply to actively growing plants at early head stage.

GENERAL INSTRUCTIONS:

AGPRO GLYPHOSATE 360 is a non-selective herbicide. It is absorbed by plant foliage and green stems and is translocated through the plant from point of contact into the root system. The effects of AGPRO GLYPHOSATE 360 may not be apparent for 4-7 days depending on weather conditions. Weed species and the herbicide use rate. Some perennial weeds may not show effects for 10-20 days.

There is no withholding period for AGPRO GLYPHOSATE 360. Avoid grazing weeds after spraying for 3 days if treating annual weeds or 7-10 days if treating perennial weeds, to allow translocation of this product through the weeds.

AGPRO GLYPHOSATE 360 will control emerged weeds only, and provides no residual control.

MIXING PROCEDURES:

Spray tank should be free of any previous spray chemicals. A suitable tank cleaning agent is recommended. Half fill spray tank with clean water, add the required amount of AGPRO GLYPHOSATE 360 then fill with clean water. Add surfactant last.

Agitate well before spraying. When tank mixing with other compatible chemicals add AGPRO GLYPHOSATE 360 after other water soluble products, but before flowables.

IMPORTANT:

AGPRO GLYPHOSATE 360 should only be stored and applied in plastic or plastic lined containers, aluminium, brass, copper, stainless steel or fibreglass containers. The contact of AGPRO GLYPHOSATE 360 with unlined or galvanised steel may cause a highly flammable gas to form causing a potential explosion if ignited by an open flame etc.

SURFACTANT ADDITION:

The addition of surfactant is not generally needed with this product, except when water volumes exceed 50L/ha. In this case add a 100% non-ionic surfactant at label rates.

TANK MIXTURES:

AGPRO GLYPHOSATE 360 and 2,4 - D (ESTER PRODUCT) may be tank mixed for improved control of certain broad leaf weeds. Observe instructions on 2,4 - D (ESTER PRODUCTS) label. AGPRO GLYPHOSATE 360 can be tank mixed with DICAMBA for improved control of clover.

For knockdown and residual control AGPRO GLYPHOSATE 360 can be tank mixed with either FLOWABLE ATRAZINE or FLOWABLE SIMAZINE. Observe the directions of use and FLOWABLE ATRAZINE do not control Barnyard Grass.
Do not mix by air.

APPLICATION:

- A. BOOM SPRAY EQUIPMENT: A spray volume of 25 - 120L/h is recommended. Ensure a double overlap of nozzle patterns at the top of the weed canopy. NOTE: Fan nozzle equipment should be used at pressures in the range 240 - 280kPa
- B. AERIAL APPLICATION: AGPRO GLYPHOSATE 360 may be aerially applied in pasture or fallow situations prior to establishment of field crops or new pasture. Apply in spray volumes of 15-80L/ha. Increased spray volumes should be used in difficult situations such as mountainous areas and hilly terrains. This will ensure adequate crop coverage. DO NOT use in intensive horticultural areas.

APPLICATION PROCEDURE IN HOT CONDITIONS:

It is recommended that when the temperature reaches 24 – 26 degrees C, increase water volume to at least 30 – 35L/h and increase droplet size to at least 300 micron VMD. Aerial application is not recommended at temperatures above 32 degrees C.

WASHING & CLEANING OF EQUIPMENT:

Take careful precautions with regard to the washing of all spray equipment after each day of spraying. Spray tanks, pumps, lines and nozzles should be thoroughly rinsed with clean water following application to prevent corrosion. Aircraft should be thoroughly washed, especially landing gear, after each day of spraying.