

4 Farmers - Glyphosate 360  
106x138mm

Glyphosate 360 1L & 5L BOOKLET 106x138mm.indd 1

26/10/2023 2:01:23 PM

## SOFTPROOF

Product ID

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CLIENT 4 Farmers

NAME Glyphosate 360 1L-5L 24pp DFU Booklet

FINISHED SIZE 106mm(w) x 138mm(h)

DATE 26th October, 2023

### COLOURS



CYAN



MAGENTA



YELLOW



BLACK



DIE LINE

APPROVED

NOT APPROVED

DATE: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

# DGL

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**CAUTION**  
KEEP OUT OF REACH OF CHILDREN  
READ SAFETY DIRECTIONS BEFORE OPENING OR USING



# GLYPHOSATE 360

## Herbicide

ACTIVE CONSTITUENT: 360 g/L GLYPHOSATE  
present as the isopropylamine salt

GROUP	<b>M</b>	HERBICIDE
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A non-selective foliar herbicide for the control of a wide range of annual and perennial grasses and broad leaved weeds as per the Directions for Use Table.

**IMPORTANT: READ THIS BOOKLET BEFORE USE**

APVMA Approval No.: 53852/0401

**4 FARMERS AUSTRALIA PTY LTD**  
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## DIRECTIONS FOR USE

### GENERAL WEED CONTROL

SITUATION	CRITICAL COMMENTS Read Application Checklist before using
For general weed control in domestic areas (home gardens) commercial, industrial and public service areas. Agricultural buildings and other farm situations. For specific weeds, brush and woody weeds or unwanted trees, refer to the appropriate Weeds Controlled table.	<ul style="list-style-type: none"> <li>&gt; For the control of many grasses and broadleaf weeds RATE: 10 mL per litre of water.</li> <li>&gt; Apply when weeds are actively growing.</li> <li>&gt; Apply to ensure complete and uniform wetting of foliage.</li> <li>&gt; Visible symptoms may take from 3 to 21 days to develop.</li> </ul>

**USE SITUATIONS ALL STATES** (except where noted)  
For rates of application and weeds controlled see, Weeds Controlled tables

SITUATION	CRITICAL COMMENTS Read Application Checklist before using
AGRICULTURAL AREAS	> 4Farmers Glyphosate 360 may be used for control of annual and perennial weeds as directed, in agricultural land prior to sowing of any edible or non-edible crop.
NON-AGRICULTURAL AREAS Around buildings, Commercial and industrial areas, Domestic and public service areas and Right-of-ways	> 4Farmers Glyphosate 360 does not provide residual weed control. For residual control of annual weeds, 4Farmers Glyphosate 360 may be tank-mixed with certain residual herbicides. See Tank Mixtures/Compatibility
Dry drains and channels, dry margins of dams, lakes and streams	> DO NOT apply to weeds growing in or over water. DO NOT spray across open bodies of water and DO NOT allow spray to enter the water. Do NOT allow water to return to dry channels and dams within 4 days of application.
FORESTS	> 4Farmers Glyphosate 360 may be used prior to establishment of nurseries, for site preparation prior to planting and amongst established trees using a directed or shielded spray, or using selective wiper equipment. DO NOT allow wiper surface to contact any part of the tree. DO NOT allow spray or spray drift to contact foliage or green bark of desirable trees, since severe injury may result.
PEANUTS, COTTON, SOYBEANS, SUGARCANE NAVY BEANS & CHICKPEAS Application using selective equipment QLD, NSW, ACT only	<ul style="list-style-type: none"> <li>&gt; WIPER EQUIPMENT. Apply 4Farmers Glyphosate 360 to weeds growing between crop rows to weeds growing at least 15cm above the crop. DO NOT allow wiper to contact crop and ensure operating conditions DO NOT allow solution to drip from applicator since severe injury may result. Refer to Wiper Equipment in the Application section of the label.</li> <li>SHIELDED SPRAYERS (cotton only). Apply 4Farmers Glyphosate 360 to weeds growing between crop rows using a shielded sprayer. Refer to the Weeds Controlled tables for rates of application. DO NOT apply in crops less than 20cm high. DO NOT allow spray drift to contact any part of the cotton plant as severe injury or destruction may result.</li> </ul>

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SITUATION	CRITICAL COMMENTS Read Application Checklist before using
TREE AND VINE CROPS Avocado, Banana, Blueberries, Citrus Fruit, Custard Apples, Duboisia, Figs-dessert, Guava, Monstera-fruit, Nuts* Olives, Pawpaw, Persimmons, Pome fruit, Raspberries, Stone fruit, Tea, Vineyards, *Nuts including Almond, Pecan, Macadamia, Pistachio & Walnut	<ul style="list-style-type: none"> <li>&gt; Apply as directed or shielded spray or using wiper equipment. DO NOT apply as a spray near trees or vines less than 3 years old unless they are effectively shielded from spray and spray drift. DO NOT allow wiper surface to contact any part of the tree, vine or palm.</li> <li>&gt; Citrus fruit, Nuts, Olives, Pome fruit &amp; Vineyards. DO NOT allow spray or spray drift to contact green bark or stems, canes, laterals, suckers, fresh wounds, foliage or fruit.</li> <li>&gt; Tea. Apply a maximum of 4L/ha by shielded boom or directed off-centre nozzle or 0.5L/100L by directed handgun or knapsack to avoid application to the crop.</li> <li>&gt; ALL other crops DO NOT allow spray or spray drift to contact any part of the plant including the trunk CAUTION: Where split bark on kiwifruit and green stem on pawpaw occur, extreme care is required</li> <li>&gt; For residual control of annual weeds, 4Farmers Glyphosate 360 may be tank-mixed with compatible herbicides which are labelled for use in the above crops. See Tank Mixtures/ Compatibility for directions.</li> </ul>
SUGAR CANE RATOON SPRAYOUT For control of sugar cane ratoon regrowth ( <i>Saccharum officinale</i> ) NSW and QLD only	<ul style="list-style-type: none"> <li>&gt; Apply under good growing conditions only to actively growing ratoons 60-120cm tall.</li> <li>DO NOT apply if plants are under stress from low moisture or waterlogging. RATE: 4-9 L/ha. Use the lower rate for suppression or where cultivation is to follow.</li> <li>Use the higher rate for control.</li> </ul>
PASTURE	<ul style="list-style-type: none"> <li>&gt; DIRECTED (SPOT) APPLICATION: 4Farmers Glyphosate 360 is non-selective and may damage or kill any plant in the sprayed area. Retreatment and/or pasture improvement may be necessary to restrict seedling re-establishment.</li> <li>BOOM APPLICATION: 4Farmers Glyphosate 360 may be used to suppress or kill existing pasture species prior to re-seeding, or establishment of the crops. Where spot application (spray or wiper) is undertaken, grazing stock need not be removed.</li> <li>CAUTION: Certain plants may be naturally toxic to stock. Where known toxic plants are present, DO NOT allow stock to graze until complete browning of treated plants has occurred.</li> </ul>
ONIONS Post-plant pre-emergence application TAS only	<ul style="list-style-type: none"> <li>&gt; For control of annual weeds and suppression of perennial weeds, including Rope Twitch.</li> <li>Apply 4Farmers Glyphosate 360 at 1-3L/ha post-sowing and at least 7 days before crop is due to emerge.</li> <li>DO NOT apply to emerging onion plants, as severe injury will result.</li> <li>Use the lower rate on small, actively growing annual weeds. Increase to the higher rate for larger annual weeds (over 15cm tall) and for suppression of perennial weeds.</li> </ul>

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**ANNUAL WEEDS**

Non-cultivated situations

WEEDS CONTROLLED (ALL STATES)	RATE	CRITICAL COMMENTS Read Application Checklist before using
Amaranth Barley Grass Barnyard Grass Brome Grass Caltrop Canary Grass (Annual phalaris) Capeweed Cereals (Volunteer Wheat, Barley, Sorghum) Chickweed Cobbler's Pegs Deadnettle Doublegee Fumitory  Ground Cherry Lesser Swinecress Liverseed Grass Mintweed Paradoxa Grass Paterson's Curse Pigweed Potato Weed Ryegrass Saffron Thistle Silver Grass Sow Thistle Spear Thistle Spiny Burrgrass Spurge Sub. Clover Thornapple Wild Mustard Wild Oats Wild Turnip Winter Grass Variegated Thistle	<i>Amaranthus</i> spp. <i>Hordeum leporinum</i> <i>Echinochloa</i> spp <i>Bromus</i> spp. <i>Tribulus terrestris</i> <i>Phalaris</i> spp.  <i>Arctotheca calendula</i>  <i>Stellaria media</i> <i>Bidens pilosa</i> <i>Lamium amplexicaule</i> <i>Emex australis</i> <i>F. officinalis</i> <i>F. muralis</i> <i>Physalis angulatis</i> <i>Coronopus didymus</i> <i>Urochloa panicoides</i> <i>Salvia reflexa</i> <i>Phalaris paradoxa</i> <i>Echium plantagineum</i> <i>Portulaca oleracea</i> <i>Galinsoga parviflora</i> <i>Lolium rigidum</i> <i>Carthamus lanatus</i> <i>Vulpia</i> spp <i>Sonchus oleraceus</i> <i>Cirsium vulgare</i> <i>Cenchrus</i> spp. <i>Euphorbia</i> spp <i>Trifolium subterraneum</i> <i>Datura</i> spp <i>Sisymbrium officinale</i> <i>Avena</i> spp <i>Brassica tournefortii</i> <i>Poa annua</i> <i>Silybum marianum</i>	BOOM: 2-3L per ha  HANDGUN: 500-700mL per 100L  KNAPSACK: 75-100mL PER 15L.  WIPER EQUIPMENT and CONTROLLED DROPLET APPLICATORS: See APPLICATION Section  > Annual weeds may be sprayed anytime they are actively growing. > Use the lower rate on weeds up to 15cm tall; Increase to the higher rate where weeds are over 15cm tall. > Visible symptoms develop in 3-7 days, but complete desiccation may take 20-30 days under cool conditions. > 4Farmers Glyphosate 360 does not provide residual weed control. Repeat treatments may be necessary to control later germinating weeds. > For residual control of annual weeds, 4Farmers Glyphosate 360 may be tank mixed with certain residual herbicides. See Tank Mixtures/ Compatibility for directions.

**PERENNIAL WEEDS**

WEEDS CONTROLLED	STATE	RATE			CRITICAL COMMENTS Read Application Checklist Before Using
		Boom L/Ha	Handgun Vol/100L	Knapsack Vol/15L	
Bamboo ( <i>Bambusa</i> spp.)	All States		1.0L	150mL	> Apply to actively growing foliage and/or regrowth which is between 1m and 2m tall.  Cut Stump : Dilute 1:6 ie. mix 1 part 4Farmers Glyphosate 360 plus 6 parts water. Cut stems back to 20cm high, pour mixture down hollow stem or wet the cut.
Bent Grass ( <i>Agrostis capollaris</i> )	VIC, TAS only	2.5L	500mL	75mL	> Apply to actively growing plants in late spring when they have some seed-head development, but before summer moisture stress. Follow-up management is required. Full disturbance with a tyned implement should follow 10-21 days after spraying. Then follow with a summer crop and/or re-seeded pasture or crop in the following autumn.
Blady Grass ( <i>Imperata cylindrica</i> )	QLD, NSW, ACT only	9L	1.3L	200mL	> Apply to actively growing plants at the early head stage.
Bracken ( <i>Pteridium esculentum</i> )	All States	9L plus PULSE 200mL per 100L spray	1.5L	225mL	> For boom application always add PULSE, otherwise reduced results will occur. Addition of PULSE (200mL/100L spray) may improve control with handgun application.  > Wiper application is recommended, see Wiper Equipment. Double pass application is required for pipewick equipment.  Bracken should be slashed in Winter/Spring prior to treatment. Apply 4Farmers Glyphosate 360 in March-May to fully unfurled actively growing fronds but prior to frosts. Visible symptoms may not be fully apparent until the next season. Complete control will not be achieved from one application. Repeat treatment is recommended, preferably associated with pasture improvement.
Carpet Grass ( <i>Axonopus</i> spp.)	All States	3L	500mL	75mL	> Apply to actively growing plants at the early head stage.
Cocksfoot ( <i>Dactylis glomerata</i> )	All States	3L	700mL	100mL	> Apply to actively growing plants at the early head stage.
Couch ( <i>Cynodon dactylon</i> )	All States	9L	1.3L	200mL	> Apply to actively growing plants when most have reached the early head stage.  In SA and WA apply to active plants during Oct-Nov for best results.
Flatweed (Cat's Ear) ( <i>Hypochoeris radicate</i> )	All States	3L	700mL	100mL	Apply to fully developed rosettes at the early flower stage.

WEEDS CONTROLLED	STATE	RATE			CRITICAL COMMENTS Read Application Checklist Before Using
		Boom L/Ha	Handgun Vol/100L	Knapsack Vol/15L	
Guinea Grass ( <i>Panicum maximum</i> )	All States	9L	1.3L	200mL	Apply to actively growing plants at the early head stage. For wiper application, see Wiper Equipment.
Hoary Cress ( <i>Cardarai draba</i> )	NSW, ACT, VIC, TAS only	1.5L	500mL	75mL	For maximum long-term reduction apply from late July to September when plants are in late rosette to flowering stage. Plants should be actively growing and not under stress of drought, frost or waterlogging.  Application may be integrated with long fallow.  Cultivation may start 7 days after spraying. Wiper application may be used where sufficient stem elongation occurs, see Wiper Equipment.  In Tasmania addition of non-ionic surfactant (50-60% ai) at 200-250mL/100L sprays, is recommended.
Johnson Grass ( <i>Sorghum halepense</i> ) Kangaroo Grass ( <i>Themeda australis</i> ) Kikuyu Grass ( <i>Pennisetum clandestinum</i> )	All States	6L	1L	150mL	Apply to actively growing plants at the early head stage. For wiper application on Johnson Grass, off-type and Volunteer Sorghum, see Wiper Equipment.
Lovegrass, African ( <i>Eragrostis curvula</i> )	NSW, ACT, VIC only	6L	1L	150mL	Apply to actively growing plants.  Re-treatment and/or pasture improvement is recommended.
Nutgrass ( <i>Cyperus rotundus</i> )  Does not refer to other <i>Cyperus</i> species which may be locally known as nutgrass!	All States	6L	1L	150mL	NON-CULTIVATED SITUATIONS: Apply to actively growing plants in late summer-autumn (Feb-Apr) when at least 20% have reached the head stage.  ARABLE LAND: Make first application to actively growing plants when at least 20% have reached the head stage (normally about Feb). After allowing maximum reemergence to occur (normally in 6-8 weeks) it is essential to make a second application.  NOTE: In arable land nutgrass may rapidly regenerate from isolated nuts. Follow-up treatments should be made as part of a nutgrass control program.
Pampas Grass ( <i>Cortaderia</i> spp.)	All States		1.0 or 1.3L	150 or 200mL	> Apply to actively growing plants during spring, summer or autumn. Ensure complete coverage of the foliage. For best results apply after flowering. For easier access, large plants may be cut or burnt prior to spraying, but first allow regrowth to reach 1m. Use the higher rate on plants over 1m high.  LOW VOLUME APPLICATION: Use 1:9 (10%) mixture of 4Farmers Glyphosate 360: Water. Apply 2 x 2mL per 0.5m heights. Ensure spray contacts all foliage.

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WEEDS CONTROLLED	STATE	RATE			CRITICAL COMMENTS Read Application Checklist Before Using
		Boom L/Ha	Handgun Vol/100L	Knapsack Vol/15L	
Paspalum ( <i>Paspalum dilatatum</i> )	All States	6L	1L	150mL	> Apply to actively growing plants at the early head stage.
Pellitory ( <i>Parietaria judaica</i> )	NSW, ACT only		1L	150mL	> Apply to actively growing plants prior to seeding.  Repeat applications may be necessary to control seedling and/ or regrowth.
Phalaris ( <i>Phalaris aquatica</i> )	NSW, ACT VIC SA only	3-6L	500mL- 1L	75- 150mL	> Apply to actively growing plants during winter-spring. Use the lower rate where only knockdown is required eg. prior to burning of firebreaks. Burning can usually start 14 - 21 days after spraying. For long term control increase to the higher rate.
Plantains ( <i>Plantago</i> spp.)	All States	3L	700mL	100mL	> Apply to actively growing plants at the early head stage.  Symptoms may be slow to develop.
Prairie Grass ( <i>Bromus unioloides</i> ) Qld Blue Grass ( <i>Dichanthium sericeum</i> ) Red-Leg Grass ( <i>Bothriochloa ambigua</i> ) Rhodes Grass ( <i>Chloris gayana</i> )	All States	6L	1L	150mL	> Apply to actively growing plants at the early head stage.
Rope Twitch ( <i>Agropyron repens</i> )	VIC, TAS only	6L	1L	150mL	> Apply in late summer-autumn to actively growing plants with foliage at least 20cm high. To ensure maximum shoot emergence the area should NOT be cultivated in the period from the preceding winter until the time of spraying.
Silverleaf Nightshade ( <i>Solanum elaeagnifolium</i> )	NSW, ACT only	-	2L	300mL	> Use ONLY under good soil moisture conditions.  Apply to actively growing plants at the late flowering to berry stage.  Repeat spraying will be necessary to restrict regrowth and seedling re-establishment.
Sorrel ( <i>Rumex acetosella</i> )	All States	6L	1L	150mL	> Apply to actively growing plants when most have reached the early bud stage.
Soursob ( <i>Oxalis pes-caprae</i> )	NSW, ACT, VIC, SA, WA, TAS only	1.5L	500mL	75mL	> For maximum long term reduction apply from late July to early September but before natural plant yellowing (senescence) occurs. Soursob should be actively growing and not under stress of drought or waterlogging.  If heavy frosting has occurred, allow recovery before spraying. If heavy grazing has occurred, allow recovery of foliage to at least 5cm before spraying.

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WEEDS CONTROLLED	STATE	RATE			CRITICAL COMMENTS Read Application Checklist Before Using
		Boom L/Ha	Handgun Vol/100L	Knapsack Vol/15L	
St. John's Wort ( <i>Hypericum perforatum</i> )	All States	3L	500mL	75mL	> Apply to actively growing plants in the flowering to post-flowering, procumbent stem stage (generally November-May). Retreatment, or oversowing with improved pasture species may be necessary to restrict seedling re-establishment.
Thistle, Artichoke ( <i>Cynara cardunculus</i> )	VIC, SA only	3L	500mL	75mL	> Apply at the rosette-early head stage.
Thistle, Californian ( <i>Cirsium arvense</i> )	VIC, TAS only	6L	1L	150mL	> Apply to actively growing plants at the flowering stage. To ensure maximum shoot emergence the area should NOT be cultivated prior to spraying.  Re-treatment and/or pasture improvement may be necessary to restrict seedling re-establishment.
Yorkshire Fong ( <i>Holcus lanatus</i> )	All States	3L	70mL	100mL	> Apply to actively growing plants at the early head stage.

#### AQUATIC WEEDS IN DRY DRAINS CHANNELS, DRY MARGINS OF DAMS, LAKES AND STREAMS

- Do NOT apply to weeds growing in or over water.
- Do NOT spray across open bodies of water, and do NOT allow spray to enter the water
- Do NOT allow water to return to dry channels and drains within 4 days of application.

WEEDS CONTROLLED	STATE	RATE			CRITICAL COMMENTS Read Application Checklist Before Using
		Boom L/Ha	Handgun Vol/100L	Knapsack Vol/15L	
Brown Beetle Grass ( <i>Diplachne</i> spp.)	NSW, ACT only	3L	500mL	75mL	> Apply to actively growing plants.
Cumbungi ( <i>Typha</i> spp.)	All States	9L	1.3L	200mL	> Apply to actively growing plants at the early head to full head stage (summer-autumn). Re-treatment may be required to restrict seedling re-establishment. Wiper application is recommended (not in Tasmania). See Wiper Equipment.
Glyceria ( <i>Glyceria maxima</i> )	TAS only	6L	1L	150mL	> Apply to actively growing plants at the mature head stage in late summer-autumn. Add non-ionic surfactant (50-60% ai) at 200-250mL/100L.
Paragrass ( <i>Brachiaria mutica</i> )	All States	9L	1.3L	200mL	> Apply to actively growing plants at the early head stage.
Phragmites Common Reed ( <i>Phragmites australis</i> )	All States	9L	1.3L	200mL	> Apply to actively growing, fully developed plants approaching the early head stage. Visible symptoms of control may be slow to develop and may not be fully apparent until the next season. For wiper application, see Wiper Equipment.
Rushes ( <i>Juncus</i> spp.)	All States	-	-	-	> Apply by wiper equipment to actively growing plants. Where there is a large proportion of dead foliage, pre-slashing is recommended. Allow adequate regrowth before treatment. See Wiper Equipment.

WEEDS CONTROLLED	STATE	RATE			CRITICAL COMMENTS Read Application Checklist Before Using
		Boom L/Ha	Handgun Vol/100L	Knapsack Vol/15L	
Tussock Sedge ( <i>Carex appressa</i> )	NSW, ACT, VIC, TAS only				> Apply to actively growing plants in flowering and post-flowering period (Oct-April). Use the lower rate only if the stand has been slashed prior to treatment.  Re-treatment may be necessary. Visible symptoms may not be fully apparent for up to 3 months. Use of CDA equipment is not recommended.
Water Couch ( <i>Paspalum distichum</i> )	All States	9L	1.3L	200mL	> Apply to actively growing plants in late summer-autumn (Feb-Mar). Do not treat after March because of the onset of winter dormancy. Full results may not be visible until the following spring.

#### UNWANTED TREES

4Farmers Glyphosate 360 may be used for control of many tree species. Ensure trees are actively growing at time of treatment and not under stress of drought, water logging or cold.

Method	State	Unwanted Trees	Tree Size	Mixture Glyph : Water	Critical Comments
Cut Stump	QLD, NSW, ACT, VIC, WA, TAS only	Jarrah ( <i>Eucalyptus marginata</i> ) Longleaf Box ( <i>E. goniocalyx</i> ) Marri ( <i>E. calophylla</i> ) Messmate Stringybark ( <i>E. obliqua</i> ) Narrowleaf Peppermint ( <i>E. radiata</i> )	0-10cm basal dia.	1:15	> Dilute 4Farmers Glyphosate 360 with water in the recommended ratio. Cut tree close to ground and immediately wet stump surface thoroughly using splatter gun, spray, swab or brush.  Remove any branches on the stump and treat cut surface.
		Privet ( <i>Ligustrum</i> spp.) Rhus ( <i>Toxicodendron succedaneum</i> )	0-30cm basal dia.	1:1	
Foliar Application: Low Volume (Gas Gun or Splatter Gun)		Bullich ( <i>Eucalyptus megacarpa</i> ) Marri ( <i>E. calophylla</i> ) Jarrah ( <i>E. marginata</i> )	0-1.5m height	1:15 Add Pulse at 20mL/10L spray mixture	> Dilute 4Farmers Glyphosate 360 in the recommended ratio. Calibrate Splatter Gun to apply 5mL of 4Farmers Glyphosate 360 solution per dose, as fine spray. Apply 5mL per 0.5m tree height. Ensure spray contacts all foliage
		Eucalyptus spp.	0-1.5m height	1:5 Add Pulse at 20mL/10L spray mixture	
Foliar Application High Volume (Knapsack or Handgun)		Eucalyptus spp. Willows ( <i>Salix babylonica</i> )	0-2.0m height	1.0 - 1.3L per 100L For Eucalyptus spp., add Pulse at 200mL/100L spray mixture	> Spray to wet all foliage. • Use the higher rate for trees 1.0 to 2.0m high.

Method	State	Unwanted Trees	Tree Size	Mixture Glyph : Water	Critical Comments
Stem injection	QLD, NSW, ACT, VIC, WA, TAS only	Flooded Gum ( <i>Eucalyptus grandis</i> )	Basal dia. to 25cm	Undiluted 1mL/cut	> Use an applicator calibrated to deliver 1 or 2mL per cut. Make 5cm cuts at oblique angle to penetrate the sapwood beneath the bark. Space cuts at 13cm centres around tree circumference below any branching, other wise remove or treat all branches below cuts. On multiple trunk trees ensure each trunk is treated.
		Ghost Gum ( <i>E. papuana</i> )	Basal dia. over 25 to 60cm	Undiluted 2mL/cut	
		Gum Topped Bloodwood ( <i>E. dichromophloia</i> )			
		Messmate Stringybark ( <i>E. obliqua</i> )			
		Narrowleaf Ironbark ( <i>E. crebra</i> )			
		Pink Bloodwood ( <i>E. intermedia</i> )			
		Poplar Box ( <i>E. populnea</i> )			
		Silverleaf Ironbark ( <i>E. melanophloia</i> )			
		Silver top Ash (Ironbark) ( <i>E. sieberi</i> )			
		Spotted Gum ( <i>E. maculata</i> )			
		Swamp Mahogany ( <i>Tristania suaveolens</i> )			
		White Mahogany ( <i>E. acmenoides</i> )			
		Willows ( <i>Salix babylonica</i> )			
		Privet ( <i>Ligustrum</i> spp.)			
		Rhus ( <i>Toxicodendron succedaneum</i> )			
		Camphor Laurel ( <i>Cinnamomum camphora</i> )	Basal dia. to 25cm	Mixture 1:1 2mL/cut	
			Basal dia. over 25 to 60cm	Undiluted 2mL/cut	

#### BRUSH AND WOODY WEEDS

WEEDS CONTROLLED	STATE	RATE			CRITICAL COMMENTS Read Application Checklist Before Using
		Handgun Vol/100L	Knapsack Vol/15L	Low Volume Glyph: Water	
Bitou Bush/ Boneseed ( <i>Chrysanthemoides monilifera</i> )	QLD NSW, ACT, VIC, TAS only	0.5 or 1.0L	75 or 150mL	1:29 or 1:19	> Apply to actively growing plants. Spray to wet all foliage. Best results are achieved when treated at peak flowering during winter. Do not apply during periods of drought stress. Use the higher rate on bushes over 1.5m.  Further treatment may be necessary to restrict seedling re-establishment. > Low Volume Application (eg. Gas and Splatter Gun). Ensure spray contacts all foliage. Use the higher rate (1:19) on bushes over 1.5m high.
Boxthorn African ( <i>Lycium ferocissimum</i> )	All States	700mL-1L	100-150mL		> Use the lower rate for young bushes; increase to the higher rate for large, mature bushes. Spray to wet all foliage. Do not spray during hot dry summer periods. Burning (after complete brownout), pasture improvement and/or further treatment are recommended to control seedlings and/or regrowth. Use of CDA equipment is not recommended.
Blackberry ( <i>Rubus fruticosus</i> )	All States	1- 1.3L	150 – 200mL		> Apply from flowering to leaf fall (generally Jan-May). Plants should not be under stress of high temperature, drought or frost. Spray to wet all foliage. Use the higher rate on old, dense infestations over 2m high. Visible symptoms may not be fully apparent until the next season.  Burning (after complete brownout), pasture improvement and/or further treatment are recommended to control seedlings and/or regrowth. Use of CDA equipment is not recommended. In Tasmania, do not treat bushes bearing mature fruit.
Crofton Weed ( <i>Eupatorium adenophorum</i> )	NSW, ACT, QLD only	500mL	75mL		> Apply to actively growing plants with full foliage. Spray to wet all foliage. Further treatment and/or pasture improvement are recommended to restrict seedling re-establishment.
Gorse (Furze) ( <i>Ulex europaeus</i> )	All States	1L plus PULSE 200mL			> Apply all year round, but only to actively growing plants. Always add PULSE, otherwise reduced results will occur. Spray to wet all foliage. Burning (after complete brownout), pasture improvement and/or further treatment are recommended to control seedlings and/or regrowth.

WEEDS CONTROLLED	STATE	RATE			CRITICAL COMMENTS Read Application Checklist Before Using
		Handgun Vol/100L	Knapsack Vol/15L	Low Volume Glyph: Water	
Groundsel Bush ( <i>Baccharis halimifolia</i> )	QLD, NSW, ACT only	700mL-1L	100-150mL	1:9	> Apply to actively growing plants. Do not apply during winter, nor during periods of summer drought stress. Use the higher rate on bushes over 2m tall. Spray to wet all foliage. Further treatment and/or pasture improvement are recommended to control seedlings and/or regrowth.  LOW VOLUME APPLICATION (eg. Splatter Gun and Gas Gun): Use 1:9 (10%) mixture of 4Farmers Glyphosate 360: water. Apply 2x2mL dose per 0.5m bush height. Ensure spray contacts all foliage. Use of CDA equipment is not recommended.
Hawthorn ( <i>Crataegus</i> spp.)	NSW, ACT, VIC, SA, WA, TAS only	1-1.3L	150-200mL	1:9	> Apply to actively growing plants from flowering to leaf fall. Spray to wet all foliage. Use the higher rate on bushes over 2m tall. Burning (after complete brownout) pasture improvement and/or further treatment are recommended to control seedling and/or regrowth.  LOW VOLUME APPLICATION (eg. Splatter Gun and Gas Gun): Use 1:9 (10%) mixture of 4Farmers Glyphosate 360: water. Apply 2 x 5mL dose per 0.5m bush heights. Ensure spray contacts all foliage.
Lantana ( <i>Lantana camara</i> )	QLD, NSW, ACT only	1L	150mL	1:9	> Apply to actively growing plants with full foliage. Ensure complete treatment of individual plants. Do not spray during periods of summer drought stress. Burning (after complete brownout), pasture improvement and/or further treatment are recommended to control seedlings and/or regrowth. > Addition of Pulse (200mL/100L) may improve control.  LOW VOLUME APPLICATION (eg. Splatter Gun and Gas Gun): Apply 2 x 2mL dose per 0.5m bush height. Ensure spray contacts all foliage.  SPRINKLER SPRAYER: Apply 6mL of a 1:9 (10%) solution to every square metre of treated area. Use of CDA equipment is not recommended.
Mistflower ( <i>Eupatorium riparia</i> )	QLD NSW, ACT only	500mL	75mL	1:9	> Apply to actively growing plants with full foliage. Spray to wet all foliage. Further treatment and/or pasture improvement are recommended to restrict seedling re-establishment.  SPRINKLER SPRAYER: Apply 3mL of a 1:9(10%) solution to every square metre of treated area.

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WEEDS CONTROLLED	STATE	RATE			CRITICAL COMMENTS Read Application Checklist Before Using
		Handgun Vol/100L	Knapsack Vol/15L	Low Volume Glyph: Water	
Sifton Bush/ Chinese Scrub ( <i>Cassinia arcuata</i> )	QLD NSW, ACT only	1.0 or 1.3L	150 or 200mL	1:9	> Apply when actively growing. Ensure complete coverage of the bush, pasture improvement and/or retreatment is recommended to control seedlings and/or regrowth.  High Volume: Use the higher rate on bushes over 1m. Low Volume: Apply: 40mL per 0.5m height. Wiper Application: Double pass application is required. Application is best made to small (less than 1m) green bushes.
Sweet Briar ( <i>Rosa rubiginosa</i> )	NSW, ACT VIC SA WA TAS only	1.5 - 2L	225 - 300mL	1:9	> Apply to actively growing plants from late flowering to leaf fall. Spray to wet all foliage. Use the higher rate on bushes over 1.5m high burning (after complete brownout), pasture improvement and/or further treatment are recommended to control seedlings and/or regrowth.  LOW VOLUME APPLICATION (eg. Splatter Gun and Gas Gun): Apply 2 x 5mL dose per 0.5m bush height. Ensure spray contacts all foliage.

**Application Checklist:**

- The addition of 4Farmers Wetter 1000 is recommended at a rate of 60 mL / 100L (or equivalent) of spray mix.
- Do not add additional adjuvants or herbicides unless specified on the label
- Rainfall within 6 hours of application may reduce effectiveness. Heavy rainfall within two (2) hours after application may wash off the chemical and repeat treatment would be required.
- Delay spraying of plants wet with dew or rain, if water droplets run-off when disturbed.
- DO NOT apply to weeds if stressed by drought, frost etc.
- DO NOT apply to weeds in dry & dusty conditions, as dust, silt etc reduce herbicide absorption.
- DO NOT graze or cultivate for one day after application (annual weeds) or 7 days (perennial weeds) to ensure herbicide absorption.
- There is no withholding period for grazing stock. However, it is recommended that grazing of treated plants be delayed as above. Certain plants, eg. Soursob, St John's Wort, Bracken, may be toxic to stock. Grazing should be delayed until complete browning of these plants has occurred.

**NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER, CONTRARY TO THIS LABEL  
UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION.**

**WITHOLDING PERIOD  
NOT REQUIRED WHEN USED AS DIRECTED**

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## GENERAL INSTRUCTIONS

4Farmers Glyphosate 360 is a non-volatile, non-selective water soluble herbicide which is absorbed by plant foliage and green stems and is translocated throughout the plant from point of contact and into the root system. The effects of the herbicide may not be visible for 3-7 days for annual weeds or 2-3 weeks for perennial weeds, depending on water quality, weather conditions, weed species and rate used.

4Farmers Glyphosate 360 will control emerged weeds only and does not provide residual weed control.

Ideally, weeds should be healthy and actively growing and, to obtain optimum results, should not have been recently sprayed with another herbicide.

4Farmers Glyphosate 360 can be de-activated by soil particles and hard water containing calcium salts. Use only clean, fresh water for making up spray solutions, preferably rainwater or local authority water.

**DO NOT** apply 4Farmers Glyphosate 360 to wet plants or if heavy rainfall is expected within 6 hours. Avoid spraying at night if rain is expected the next morning.

4Farmers Glyphosate 360 is recommended for control of emerged weeds prior to crop establishment as part of a conservation tillage operation.

With heavy weed growth, sowing should be delayed until weed decay and soil conditions allow formation of a satisfactory seedbed.

Delay application until vegetation has emerged to the stages described in the Weeds Controlled tables. Un-emerged parts from unattached underground rhizomes or rootstocks of perennials will not be affected by the spray and will continue to grow. For this reason, best control of most perennials is obtained at late growth stages approaching maturity.

### RESISTANT WEEDS WARNING

4Farmers Glyphosate 360 is a member of the glycine group of herbicides. 4Farmers Glyphosate 360 has the inhibitor of EPSP synthase mode of action. For weed resistance management 4Farmers Glyphosate 360 is a group "M" herbicide.

Some naturally occurring weed biotypes resistant to 4Farmers Glyphosate 360 and other inhibitors of EPSP synthase herbicides may exist through normal genetic variability in any weed population. The resistant individuals can eventually dominate the weed population if these herbicides are used repeatedly. These resistant weeds will not be controlled by 4Farmers Glyphosate 360 or other inhibitors of EPSP synthase herbicides.

Since the occurrence of resistant weeds is difficult to detect prior to use, 4Farmers accepts no liability for any losses that may result from the failure of 4Farmers Glyphosate 360 to control resistant weeds.

**DO NOT** however assume resistance without first reviewing the method of application, timing, water quality and weather conditions.

### CROP ESTABLISHMENT

4Farmers Glyphosate 360 is recommended for the control of emerged weeds prior to crop establishment. However, suitable cultivation and/or sowing procedures are required to provide seedbed conditions favourable for crop germination and development.

Early spraying to control young weeds will favour preparation of suitable seedbeds.

On friable soils, where there is only a light cover of young weeds, sowing may proceed 1 day after spraying. However, in situations of heavy weed growth, sowing should be delayed until weed decay and soil conditions allow formation of a suitable seedbed.

Incorporation or trashing of green or decaying vegetation and roots into seedbeds by cultivation/sowing may cause retarded crop emergence especially in cold and/or wet conditions. Delay seeding up to 1 day for annual and 7 days for perennial weeds, to ensure herbicide absorption.

Vegetation may be reduced by grazing and/or cultivation but leaving trash on the surface.

Avoid use of pre-emergence herbicides where label directions advise a risk of retarded crop emergence and in marginal seedbed conditions pay particular attention to correct seeding depth.

### MIXING

4Farmers Glyphosate 360 readily mixes with clean water.

Use only clean, fresh water free from soil particles or calcium/magnesium salts (hard water).

If water is acidic or basic use a recognised buffering agent.

Spray solution should be used within a maximum of five days to avoid loss of activity.

Ensure the spray tank is free of any residue from previous spray products.

Fill spray tank with half required volume of clean, fresh water and then add measured amount of 4Farmers Glyphosate 360 as per Directions for Use (rate).

Agitate well and fill with balance of water adding surfactant (eg. 4Farmers Wetter 1000) near end of filling with hose below surface to prevent excessive foaming. Remove hose when desired volume is reached to avoid siphoning.

Generally for tank mixes, at least two thirds of the water should be added, the agitation started, then the products added in the order: Ammonium Sulphate, granules, wettable powders, flowables, emulsifiables, water-based (eg 4Farmers Glyphosate 360), and finally any wetters or oils.

**DO NOT** use mechanical agitators as these may cause excessive foaming.

**DO NOT** mix with spraying oils, agricultural chemicals or any other material except as directed on the label. Use Liquid or SPRAY GRADE Ammonium Sulphate – not fertiliser grade.

**DO NOT** mix, store or apply this product or spray solutions of this product in galvanised or unlined steel containers or spray tanks, since a highly flammable gas may be formed. Use stainless steel, aluminium, brass, copper, fibreglass, plastic or plastic-lined containers or spray tanks.

### TANK MIXTURES/COMPATIBILITY

4Farmers Glyphosate 360 may be tank mixed with the following pesticides and additives with attention to their labels for specific restraints, withholding periods and directions for use requirements to be observed. Refer to mixing for the correct sequence.

#### Herbicides:

**Flowable Atrazine** For knockdown and residual weed control, addition of ammonium sulphate is required to overcome antagonism. (See note below.)

**DO NOT** use this tankmix on **BARNYARD GRASS**.

**DO NOT** use this tankmix in Non-Crop situations

**DO NOT** apply this mix by aerial application.

**Flowable Simazine** For knockdown and residual control of annual weeds, addition of ammonium sulphate is required to overcome antagonism.

(See note below.)

**2,4-D Ester** For improved control of certain broadleaf weeds, observe regional restrictions.

**Dicamba** For improved control of clover, medics and sorrel as per label directions.

**4Farmers Chlorsulfuron 750 WP** For knockdown and residual weed control in fallow/crop. Observe plant back periods as per label.

**4Farmers Metsulfuron-methyl 600 WP** For knockdown weed control in fallows and prior to planting certain winter cereals. Observe crop safety/crop rotation recommendations.

**Oxyfluorfen** (Goal CT®2) Mixture requires a specific compatibility agent, seek advice from labels.

**Note:** Addition of ammonium sulphate at the rate of 2kg/100L spray solution is required to overcome antagonism. This mixture is also useful for improving the performance of 4Farmers Glyphosate 360 under adverse environmental conditions such as cool cloudy weather. Ammonium sulphate may be corrosive to metal parts of the sprayer.

**Note:** Pulse®1 Penetrant : add for treatment of woody weeds

**Insecticides:**

**Dimethoate**

**Omethoate**

**Fenitrothion**

**Phosmet (Imidan®2)**

**4Farmers Chlorpyrifos 500**

**4Farmers Cypermethrin 200, 4Farmers Cypermethrin 260, 4Farmers Cypermethrin 40ULV**

Other insecticides have not been compatibility tested

<sup>1</sup> Registered trademark of Monsanto.

<sup>2</sup> Registered trademark of Stauffer Chemical Company, USA

**APPLICATION INFORMATION**

4Farmers Glyphosate Herbicide is a non-selective, translocated herbicide.

Direct contact, or even drift, may cause severe injury or destruction to any growing crop or other desirable plants including trees.

**Boom equipment:**

Application of this product in low spray volumes (25-100L/ha) is recommended for rates of 500-1250 mL glyphosate/ha. For higher glyphosate rates – 200 L/ha of the spray mix is required.

Fan nozzle equipment is recommended, using pressures in the range 240-280kPa.

Boom height must be set to ensure double overlap of nozzle patterns at the top of the weed canopy.

**Aerial Equipment:**

Aerial application should only be in pasture or fallow crop situations prior to establishment of field or fodder crops or new pasture and for pre-harvest application for sorghum crops.

DO NOT use in intensive cropping situations.

Use registered rates up to a maximum of 4 L/ha

For Micronair and boom equipment; apply in a minimum spray volume of at least 15L/ha.

Average droplet size should be 250-350 micron diameter with a swath width of 15-17 metres.

DO NOT apply by aircraft in temperatures above 30°C.

Thoroughly wash aircraft, especially landing gear, after each day of spraying, to remove herbicide.

**Application on Hilly Terrain:**

- Increase water volume to 30-80L/ha with droplet size to at least 300 micron VMD on hilly terrain.

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**Application Under Hot Conditions:**

When applying in temperatures above 25°C, increase water volume to at least 30L/ha and droplet size to at least 300 micron VMD.

Avoid conditions which may result in drift such as wind over 8km/h and inversion conditions or equipment producing droplets of 150 micron or less.

**Wiper Equipment**

Wiper Equipment (eg. Ropewick, canvass, felt or carpet) may be used to apply the herbicide to weeds by contact. Suitable Crops include oilseeds, sugarcane, cotton, seed & pod vegetables, tree & vine crops, pasture and non crop areas. Avoid contact with desirable crops and vegetation.

Operate wiper equipment a minimum of 10cm above the crop or pasture. Weeds should be at least 15cm above the desirable vegetation at time of application. Suitable for suppression or control of many annual and perennial weeds.

Speed of travel should be no more than 8km/hr. Best results are achieved at slow speeds and with a two pass application in opposite directions.

If weeds are of variable height or in clumps, the plants may not come in direct contact with the herbicide, and there will be no control of these weeds. Repeat treatments may be required.

Mix only enough herbicide solution for immediate use. Do NOT store mix for more than a few days.

Flush out equipment with water after use.

RATE: 1 litre 4Farmers Glyphosate 360 Herbicide with 2 litres water.

**High Volume (Knapsack or Hand Gun):**

Adjust equipment to give an even spray pattern. Ensure uniform and complete wetting of all foliage. For handguns, a D6 spray tip (spraying systems Australia) is recommended at a pressure of 400-700kPa is recommended.

**Low Volume (Gas Gun or Splatter Gun):**

**Apply as an even spray to cover all foliage. Refer to Weeds Controlled table.**

**CDA (Controlled Droplet Application):**

Rate of glyphosate delivered at 1m/sec (4km/hr)	3L/ha	6L/ha	9L/ha
Mixture : volume (glyphosate : water)	1:3	1:1	2:1
Micron Herbi , nozzle	Blue	Blue	Yellow

**DO NOT** add oils, as difficulties in application and reduced weed control can occur.

**CAUTION:** CDA equipment produces a fine spray pattern, which is not easily seen. Ensure no drift contacts desirable foliage – as severe injury and destruction may occur.

**MAINTENANCE AND CLEANING**

Thoroughly flush tanks, pumps and nozzles with clean fresh water after each day's spraying.

**CLAIMS FOR USE**

DO NOT apply if Rainfall within 6 hours. Heavy rainfall within two (2) hours after application may wash off the chemical and repeat treatment would be required.

DO NOT graze or cultivate for one day after application (annual weeds) or 7 days (perennial weeds) to ensure herbicide absorption.

DO NOT apply to weeds if stressed by drought, frost etc.

For rates of application and weeds controlled, see Weeds Controlled tables

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SITUATION	WEEDS
Crop or Pasture Establishment Fallow establishment Pasture topping and renovation Tussock infested pasture Rice (when direct drilling) Sorghum pre and post harvest control Sugar cane (Ratoon spray out)	Many annual and perennial grasses and broadleaf weeds as per Directions for Use table.  Sorghum (sorghum bicolor) Sugar cane (Saccharum officinale)

#### PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

**DO NOT** apply under meteorological conditions or from spraying equipment which could be expected to cause spray drift onto nearby susceptible plants, adjacent crops, crop lands or pastures

**DO NOT** apply prior to transplanting tomato seedlings.

**Avoid** contact with foliage, green stem or fruit of crops, desirable plants and trees, since severe injury or destruction may result.

#### PROTECTION OF WILDLIFE, FISH, CRUSTACEA AND ENVIRONMENT

**DO NOT** contaminate dams, rivers or streams with the product or used container.

**DO NOT** apply to weeds growing in or over water. **DO NOT** spray across open bodies of water.

#### STORAGE AND DISPOSAL

Store in the closed original container in a cool well-ventilated area.

Avoid prolonged storage in direct sunlight.

**DO NOT** contaminate seed, feed or foodstuff.

**DO NOT** mix, store or apply this product or spray solutions of this product in galvanised or unlined steel containers or spray tanks, since a highly flammable gas may be formed. Use stainless steel, aluminium, brass, copper, fibreglass, plastic or plastic-lined containers or spray tanks.

Triple or preferably pressure rinse containers before disposal. Add rinsings to spray tank.

**DO NOT** dispose of undiluted chemicals on-site.

If recycling, replace cap and return clean containers to recycler or point of sale. If not recycling, break, crush or puncture and bury empty containers in a local authority landfill.

If there is no landfill readily available in your area, bury the containers at a depth of 500mm or more in a disposal pit specifically marked and set up for this purpose, clear of waterways, desirable vegetation and tree roots. Empty containers and product should not be burnt.

If containers being sent back for refilling, Empty contents fully into application equipment. Close all valves, replace caps and return clean containers to point of sale for refill or storage.

#### SAFETY DIRECTIONS

Product will irritate eyes and skin.

Avoid contact with eyes and skin.

When preparing product for use, wear elbow-length PVC gloves and face shield (or goggles).

When using controlled droplet applicator, wear protective waterproof clothing and impervious footwear.

After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water.

After each day's use wash contaminated clothing, gloves and face shield or goggles.

#### FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre on 13 11 26

For further information please refer to the Material Safety Data Sheet.

#### CONDITIONS OF SALE

The use of 4Farmers Glyphosate 360 being beyond the control of the manufacturer, no warranty expressed or implied is given by 4Farmers Pty. Ltd. regarding its suitability, fitness or efficacy for any purpose for which it is used by the buyer, whether in accordance with the directions or not and 4Farmers Pty. Ltd. accepts no responsibility for any consequence whatsoever resulting from the use of this product.

**NOT CLASSIFIED AS DANGEROUS GOODS FOR TRANSPORT BY ROAD AND RAIL**



