



194 mm

170 mm

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

★ RYGEL
CLEARUP

450 K
HERBICIDE

ACTIVE CONSTITUENT: 450 g/L GLYPHOSATE
present as the POTASSIUM SALT

GROUP **M** HERBICIDE

A Non-Selective Herbicide that Will Kill Most Emerged Weeds
and Plants in Situations as Indicated in the Directions for Use.

IMPORTANT: READ THE ATTACHED BOOKLET BEFORE USING
THIS PRODUCT

APVMA Approval No: 61313/20L/0209



20 LITRES



194 mm

170 mm

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APVMA Approval No: 61313/110L/0209



110 LITRES

★ RYGEL
AUSTRALIA PTY LTD

194 mm

170 mm

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200 LITRES

The logo for Rygel Australia Pty Ltd, featuring a red star to the left of the word 'RYGEL' in blue, with 'AUSTRALIA PTY LTD' in smaller blue text underneath.

194 mm

170 mm

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APVMA Approval No: 61313/1000L/0209



1000 LITRES

★ RYGEL
AUSTRALIA PTY LTD

130 mm

140 mm

PEEL HERE 

Rygel CLEARUP 450 K Herbicide

DIRECTIONS FOR USE

For complete directions for use please read attached booklet.

STORAGE AND DISPOSAL

Store in the closed, original container in a cool, well-ventilated area. Do not store for prolonged periods in direct sunlight.

Triple or preferably pressure rinse empty 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 designated collection point.

If not recycling, break, crush, and or puncture and bury empty containers in a local authority landfill. If no landfill is available bury the containers below 500mm 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.

For refillable containers

Empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage.

110L MINI BULK RETURNABLE CONTAINER

Store the original sealed 110L container in a cool, well-ventilated area. Do not store for prolonged periods in direct sunlight.

Do not tamper with the MicroMatic valve or the security seal. Do not contaminate the container with water or any other foreign matter. After each use of the product ensure the MicroMatic coupler, delivery system and hoses are disconnected, triple rinsed with clean water and drained accordingly. When the contents of the 110L container have been used, please return the empty container to the point of purchase. The 110L container remains the property of Rygel Australia Pty Ltd.

SAFETY DIRECTIONS

Product will irritate the eyes and skin. Avoid contact with eyes and skin. When preparing product for use wear elbow length PVC gloves and face shield or goggles. 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, face shield or goggles. When using controlled droplet applicator wear protective waterproof clothing and impervious footwear.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre (Tel: Australia 13 11 26).

MATERIAL SAFETY DATA SHEET

Additional information is listed in the Material Safety Data Sheet that can be obtained from the supplier.

CONDITIONS OF SALE

The use of Rygel ClearUp 450 K Herbicide being beyond the control of the manufacturer, no warranty expressed or implied is given by Rygel Australia Pty 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 Rygel Australia Pty Ltd accepts with no responsibility for any consequences whatsoever resulting from the use of this product.

APVMA Approval No: 61313/0209

Batch No: } see container

DOM:

**IN AN EMERGENCY
DIAL 000
POLICE OR FIRE BRIGADE**

Rygel Australia Pty Ltd
ACN: 106 839 007
103 Ordish Rd, Dandenong South, Vic 3175
Tel: 03 9768 2803 Fax: 03 9768 2804



Top layer - rear label (sticks to bottom layer)

**DIRECTIONS FOR USE
RESTRAINTS**

To ensure herbicide absorption, DO NOT disturb weeds by cultivation, sowing or grazing for 1 day after treatment of annual weeds and 7 days for perennial weeds except where noted.

Crop & Situation	Weeds Controlled	State	Rate Vol/ha	Critical Comments
<p>SOUTHERN AUSTRALIA Before sowing a crop or pasture.</p> <p>For weed control prior to sowing a crop or pasture with full soil disturbance by cultivation or sowing with a tined implement</p>	Barley Grass, Brome grass, Volunteer cereals, Wild oats.	NSW, Vic, SA, WA, ACT only	400-800mL pre tillering. 800mL-1.0L post tillering.	<p>RATE SELECTION: Use the higher rate when treating in cold/overcast conditions, when using late in the season. Use the lower rate on young weeds and the higher rate on mature weeds i.e. fully tillered grasses or broadleaf weeds at budding or stem elongation.</p> <p>If weeds have been grazed heavily remove stock prior to spraying to ensure regrowth to 6-8 cm before treatment and use the higher rate.</p> <p>To allow for herbicide uptake do not begin sowing for 1 day after application for annual weeds and 7-10 days for perennial weeds. If cultivation or sowing does not take place within 21 days re-treatment may be necessary.</p> <p>Annual Ryegrass, Silver grass and Perennial grasses – It is recommended to use a water volume of 70L/ha or more with low volume nozzles to improve control.</p> <p>CROP ESTABLISHMENT: Sowing should not proceed until conditions allow the formation of a satisfactory seedbed. See Crop Establishment for directions.</p> <p>TANK MIXTURES: For improved control of clover add dicamba (200g/L). Read and follow all label directions for the tank mix product.</p> <p>PERENNIAL WEEDS: For Perennial phalaris, Soursob, Skeleton weed and Sorrel, this product will provide knockdown, seasonal suppression and reduction in treated plant numbers.</p>
	Annual phalaris (Canary grass), Annual ryegrass, Silvergrass, Winter grass.		800mL-1.0 L pre tillering. 1.0 L-1.2 L post tillering.	
	Colomba daisy, Capeweed, Doublegee (Spiny Emex).		400-800mL less than 8 cm diameter. 800mL-1.2L greater than 12 cm diameter.	
	Amsinckia, Fumitory, Paterson's Curse, Saffron Thistle, Scotch Thistle, Spear thistle, Variegated thistle, Volunteer lupins, Wild turnip.	TAS only.	800mL-1.0L less than 12 cm diameter. 1.0L-1.2L greater than 12 cm diameter.	<p>TASMANIA: Use 1.2L/ha on annual weeds. Increase to 2.4L/ha where perennial weeds are being treated. To control White clover and improve control of Sorrel and Dock, add 1L/ha of dicamba (200g/L). Observe dicamba label directions and plant back periods.</p>
	Dock (Seedling)		800mL-1.2L	
	Seasonal Suppression of: Perennial phalaris, Skeleton weed fully emerged rosettes (NSW & ACT only), Sorrel, Soursob, Sub clover.	1.2L		
	All the above weeds.		1.2-2.4 L	
<p>SOUTHERN AUSTRALIA Before sowing a crop or pasture</p> <p>For weed control prior to sowing a crop or pasture with an implement that gives minimal or no soil disturbance.</p>	Barley grass, volunteer cereals, Wild oats.	NSW, ACT, SA, VIC, WA, only	800mL-1.2L	<p>RATE SELECTION: Use the higher rate when treating in cold/overcast conditions, when using late in the season. Use the lower rate on young weeds and the higher rate on mature weeds i.e. fully tillered grasses or broadleaf weeds at budding or stem elongation.</p> <p>If weeds have been grazed heavily remove stock prior to spraying to ensure regrowth to 6-8 cm before spraying and use the higher rate.</p> <p>Annual Ryegrass, Silver grass and Perennial grasses – It is recommended to use a water volume of 70L/ha or more with low volume nozzles to improve control. Do not sow if heavy trash is present.</p> <p>Seeding may proceed 1 day after spraying for annual weeds and 7 days after spraying for perennial weeds.</p> <p>AERIAL APPLICATION: May be applied by air provided a good seed bed has been established. Always use the higher rates.</p> <p>TANK MIXTURES: For improved control of dock, sorrel, sub-clover add dicamba. Read and follow all label directions for the tank mix product. Addition of ammonium sulphate 2kg/100L may improve control when treating under adverse environmental conditions.</p> <p>PASTURE OR CROP ESTABLISHMENT: Do NOT sow into excessive trash. Trash may be removed by grazing after treatment. Grazing may commence one day after treatment of annual weeds (small) and 7 days for perennial weeds. Delay grazing for 3 days where annual weeds are large. Sowing may proceed when excessive trash is removed, but not sooner than one day after treatment of annual weeds and 7 days for perennial weeds. See also Crop Establishment.</p> <p>AERIAL (OR SURFACE) SEEDING: Delay seeding until trash is completely removed by grazing and/or plant decay. When establishing pasture, ensure application of fertilizer and insecticides and follow-up management is undertaken as required.</p>
	Brome grass, Canary grass, Capeweed, Variegated thistle, Winter grass.		1.0-1.6L	
	Annual ryegrass, Paterson's curse, Saffron thistle, Scotch thistle, Silvergrass, Spear thistle, Wild mustard, Wild radish, Wild turnip.		1.2-1.6L	
	Erodium, Perennial phalaris, Plantain, Sorrel, Sub clover, Yorkshire fog.	TAS only.	1.5-2.0L	<p>TASMANIA: Use 1.2L/ha on annual weeds. Increase to 2.4L/ha on perennial weeds. The product may be tank mixed with dicamba to improve control of Sorrel, Dock and White clover. Observe dicamba label directions and plant back periods.</p>
	Dock, Flatweed.		2.0L	
	All the above weeds.		1.2-2.4 L	
	<p>SOUTHERN AUSTRALIA For weed control to commence a fallow.</p>	Barley grass, volunteer cereals, Wild oats.	NSW, VIC, Sth WA, SA only.	800mL-1.2L
Annual ryegrass, Brome grass, Capeweed, Paterson's curse (rosette), Saffron thistle, Scotch thistle, Spear thistle, Wild mustard, Wild radish, Wild turnip.		1.2-1.6L		
Hoary cress, Soursob.		1.2L		
Couch		1.2-2.4L		
All the above weeds.		TAS only.	1.2-2.4 L	<p>TASMANIA: Use 1.2L/ha on annual weeds and 2.4L/ha on perennial weeds. The product may be tank mixed with dicamba to improve control of Sorrel and Dock and White clover. Observe dicamba label directions and plant back periods.</p>

NORTHERN AUSTRALIA For weed control prior to sowing or summer winter crop or in a fallow	Annual phalaris (Canary grass), Barley grass, Volunteer cereals, Wild oats.	Nth NSW, QLD only.	400-800mL	<p>RATE SELECTION: Use the lower rate on young weeds. Use the higher rate where broadleaf weeds reach stem elongation/budding or where grasses are fully tillered. At more advanced stages of growth certain broadleaf weeds require a higher rate range or the addition of 2,4-D.</p> <p>In winter (cold) conditions, symptoms on Deadnettle may be slow to develop.</p> <p>If weeds have been grazed heavily remove stock prior to spraying to ensure regrowth to 6-8 cm before treatment and use the higher rate.</p> <p>Liverseed grass and Barnyard grass may be sensitive to moisture stress. Dense stands may require re-treatment.</p> <p>For aerial application see General Instructions. Do not apply by air when temperature is over 30°C.</p> <p>CROP ESTABLISHMENT: Sowing should not proceed until conditions allow for a formation of a satisfactory seedbed. See Crop Establishment for directions.</p> <p>TANK MIXTURES: Read and follow all label directions, restraints, plant back periods, withholding periods, regional use restrictions and safety directions for the tank mix products. DO NOT tank mix with atrazine when spraying Barnyard grass or Liverseed grass.</p>
	Barnyard grass, Button grass, Columbus grass (seedling), Liverseed grass, Native Millet, Slinkgrass (Lovegrass), Volunteer Sorghum.		800mL-1.6L	
	Australian bluebell (QLD only), Cudweed, Fumitory, Mexican poppy, New Zealand spinach, Saffron thistle, Spear thistle, Spurge, Stinking goosefoot.		800mL-1.2L	
	Black (giant) pigweed, Boggabri weed, Caltrop (Yellowvine), Indian hedge mustard, Mintweed, Summer grass.		400-800mL up to 3cm in height or diameter or up to 5 true leaves. 800mL-1.2L greater than 3cm diameter or height or 5 true leaves.	
	African turnip weed, Deadnettle, Sweet summer grass, Variegated thistle, Volunteer Sunflower.		600-800mL up to 5 true leaves or 3cm diameter/height. 800mL-1.6L greater than 3cm diameter/height.	
	Annual ground cherry (Gooseberry), Bladder Katmia, Camel melon, False castor oil plant/Thornapple, Noogoora burr, Turnip weed, Wild lettuce, Wild turnip, Wireweed.		800mL-1.2L prior to stem elongation/budding. After that use 400mL - 1.2L plus 500 - 700 mL 2,4-D ester (800g/L) OR 1.2 - 1.6L of this product alone.	
	Pigweed		800mL-1.6L up to 20cm diameter.	
	Sowthistle		600-800mL rosette up to 3cm diameter. 800mL-1.6L greater than 3cm diameter.	
	Couch		1.2-2.4L	
Johnson grass		1.5-2.4L	Use the higher rates on plants approaching seedhead stage. Apply to plants with a minimum of 30 cm new growth. Sequential treatments will be required for long term control.	
Nutgrass		2.4+ 2.4L	Make first application to actively growing plants when at least 20% have reached the head stage (normally about February). After allowing maximum re-emergence to occur (normally in 6-8 weeks), it is essential to make a second application. NOTE: Follow-up treatments should be made as part of a Nutgrass control program.	

PASTURE RENOVATION and TOPPING

Crop & Situation	Weeds Controlled	State	Rate Vol/ha	Critical Comments
PASTURE INFESTED WITH POA TUSSOCK For reduction of ground cover allowing pasture renovation	Most annual weeds and suppression of Poa tussock (<i>Poa labillardieri</i>)	QLD, NSW, VIC, Tas only.	2.4-3.2L	<p>Before Spraying</p> <ul style="list-style-type: none"> Graze heavily Remove stock 14 days or more before treatment Apply to actively growing plants after the autumn break but before heavy frosts (March – May). <p>Increasing to the higher rate may give more effective reductions.</p> <p>FOLLOW-UP MANAGEMENT: Sowing of new pasture may begin 14 days after spraying. It is essential that correct follow-up pasture establishment and management occurs after treatment. Spot treatment will limit re-infestations. May be aerially applied (see aerial equipment).</p>
PASTURE INFESTED WITH BENT GRASS For control/suppression OF BENT GRASS prior to sowing a crops pasture .	Most annual weeds and Bent grass (<i>Agrostis capillaries</i>)	VIC, TAS only.	2.0L	<p>TIMING: Apply late spring when seed heads have developed, but before the onset of summer moisture stress. Remove stock prior to spraying to achieve good foliage cover. Ensure plants are actively growing.</p> <p>FOLLOW-UP MANAGEMENT: 10-21 days after spraying fully disturb soil with a tined implement and then sow summer crop, and/or reseeded pasture or crop the following autumn.</p>
PASTURE TOPPING For the reduction of seed set of annual grass, Capeweed and Colomba daisy.	Annual ryegrass, Colomba daisy Barley grass, Brome grass, Capeweed, Silvergrass	NSW, VIC, SA, WA, TAS only	360mL 240 - 360mL	Use the higher rate for dense infestations or where Annual ryegrass is present. Apply before signs of plants "haying off". Annual Ryegrass and Capeweed - Apply at flowering Other weeds - apply from head to milky dough stage. Stock should be removed before spraying to allow regrowth. Pasture legumes may be affected. DO NOT apply to medic/clover crops to be used for hay or seed.
PASTURE MANIPULATION For the control/suppression of certain grasses before sowing soybeans, forage crops or Leucaena. BAND SPRAYING May also be applied as a band or strip spray.	Carpet grass, Kikuyu, Paspalum. Carpet grass, Paspalum. Kikuyu Barbed wire grass, Black Speargrass, Love grasses, Red Natal grass, Wire grasses.	WA, NSW, VIC only. QLD only.	1.1-4.8L 500mL-4.8L 2.0L	<p>RATE SELECTION: Apply the lower rate for suppression only. The higher rate will provide control.</p> <p>BAND SPRAYING: Band spraying may be done immediately after the sowing operation. Mount the nozzles behind the coulter/hoe/press wheel assembly of the band seeder. Adjust to spray 0.5 to 1.0m strips. Ensure minimal disturbance of the pasture. Excessive dust created in the seeding operation may reduce herbicide activity. Pasture seed must be drilled at the appropriate depth and covered by soil.</p> <p>LEUCAENA (QLD ONLY): Rows should be 4m apart. Use 2L/ha with a single taper fan nozzle LF1-80 mounted at the rear of the single row planter providing a 1m swath.</p>

COTTON

Crop & Situation	Weeds Controlled	State	Rate Vol/ha	Critical Comments
COTTON PRE-HARVEST Do not use on crops intended for seed production.	Barbost burr, Noogoora burr, Winter annual weeds including Sowthistle/Milkthistle.	QLD, NSW only.	1.0-2.0L	Use the lower rate on light infestations of small weeds, where the crop canopy allows adequate spray coverage of the weeds. Increase to the higher rate when the crop canopy may limit spray coverage, when treating dense infestations, or when treating larger weeds. Apply alone or in tank mixtures with Dropp or Harvade. Apply when at least 60% of bolls are open and immature bolls cannot be easily cut with a sharp knife. Where a leafy canopy limits spray coverage, reduced weed control can be expected. For better results under these conditions, delay application until canopy re-opens following initial conditioning treatment.
	Nutgrass (seasonal suppression only).		2.0L	Where control of Nutgrass or Noogoora burr is required, treatment should be applied prior to the onset of frosts. When tank mixed with defoliant, a slightly higher proportion of cotton leaf may be retained, particularly where the higher rate is used. Read and follow all label directions for tank mix products.
COTTON Shielded Sprayers.	Refer to Weeds Controlled section Northern Australia. In fallows or prior to sowing a crop.			Apply this product to weeds growing between crop rows using a shielded sprayer. Do not apply in crops less than 20 cm high. Do not allow spray or spray drift to contact any part of the cotton plants as severe injury or destruction may result.

SUGARCANE (RATOON CONTROL) for QLD and NSW only

Crop & Situation	Weeds Controlled	State	Rate Vol/ha	Critical Comments
SUGAR CANE Ratoon control.	Sugar Cane ratoon regrowth.	QLD, NSW only.	3.2-7.2L	APPLY UNDER GOOD GROWING CONDITIONS ONLY to actively growing ratoons 60-120 cm tall. DO NOT apply if plants are under stress from low moisture, frost, cold or waterlogging. RATE SELECTION: Use the lower rate for suppression or where cultivation is to follow. Use the higher rate for control.

RICE DIRECT DRILLING for NSW only

Crop & Situation	Weeds Controlled	STATE	Rate Vol/ha	Critical Comments
RICE Direct drilling.	Annual phalaris (Canary grass), Annual ryegrass, Barley grass, Burr medic, Sub-clover, Winter grass.	NSW only.	800mL-1.0L	If plants are drought stressed a pre-watering must be applied. If the site has been grazed allow plants to regrow to 6-8 cm before treatment. For control of Annual Ryegrass use the higher rate. CROP SOWING: Sow 1 – 14 days after treatment. Residual control will only be achieved by adding another suitable herbicide.

SORGHUM CONTROL

Crop & Situation	Weeds Controlled	State	Rate Vol/ha	Critical Comments
SORGHUM CONTROL Before harvest.	Grain Sorghum. (<i>Sorghum bicolor</i>)	QLD, NSW only.	1.2 or 1.6L	DO NOT apply to varieties intended for seed production or varieties prone to lodging. DO NOT apply to crops under stress from factors such as waterlogging, frost, disease, low moisture etc. TIMING: Apply when grain moisture is less than 25%. Application can be made when moderate browning has occurred. RATE SELECTION: Use the lower rate for control of crop and late tillers and suppression of ratoon regrowth. Use the higher rate for better suppression of ratoon regrowth. CAUTION: Treatment may increase potential for CROP LODGING, particularly if prior moisture stress has occurred. Harvest as soon as sufficient dry down has occurred to avoid possible lodging. CAUTION: Sorghum may be naturally toxic to stock.
SORGHUM CONTROL Post-harvest.	Sorghum stubble, (grain sorghum).	QLD, NSW only.	800mL-1.2L for new regrowth from slashed stubble.	APPLY UNDER GOOD GROWING CONDITIONS ONLY. DO NOT apply if plants are under stress from low moisture, frost, cold or waterlogging. SLASHED STUBBLE AND SPRING REGROWTH: Apply when regrowth is at least 20 cm high. STANDING STUBBLE: Apply only if sufficient green leaf is present. If grazing has occurred allow regrowth to 20 cm high before treatment. RATE SELECTION: Use the lower rate for knockdown and regrowth suppression where cultivation is to follow. Use the higher rate for better control of regrowth. NOTE: Variable results occur where the crop has been subject to stress or the growing conditions are marginal. CAUTION: Sorghum may be naturally toxic to stock.
			1.2-1.6L for standing green stubble	Use this rate for standing stubble if sufficiently green and fresh spring regrowth.

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

WITHHOLDING PERIOD: NOT REQUIRED WHEN USED AS DIRECTED.

GENERAL INSTRUCTIONS

Rygel ClearUp 450 K Herbicide is a non-selective herbicide effective in the control of many annual and perennial weeds and broadleaf weeds in crop areas, land preparation and non-crop areas. This product is inactivated on contact with the soil and does not provide residual weed control.

Rygel ClearUp 450 K Herbicide is absorbed by plant foliage and green stems and moves through the plant from the point of contact to the root system. Visible effects take 3 to 7 days on annual weeds, whereas on perennial weeds it may take 2 to 3 weeks or longer depending on the weather conditions following spraying.

No withholding period is required for this product. However to ensure herbicide absorption, grazing of treated plants should be delayed at least one day after treatment of annual weeds, or 7 days for perennial weeds. Certain plants (eg. soursob, variegated thistle) 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.

Resistant Weed Warning

GROUP M HERBICIDE

Rygel ClearUp 450 K Herbicide is a member of the Glycines group of herbicides. Rygel ClearUp 450 K Herbicide has the inhibitor of EPSP synthase mode of action. For weed resistance management Rygel ClearUp 450 K Herbicide is a Group M herbicide.

Some naturally occurring weed biotypes resistant to Rygel ClearUp 450 K Herbicide and other Group M mode of action herbicides may exist through normal genetic variability in any weed population. These resistant weeds will not be controlled by Rygel ClearUp 450 K Herbicide or other Group M herbicides.

Since the occurrence of resistant weeds is difficult to detect prior to use, Rygel Australia Pty Ltd accepts no liability for any losses that may result from the failure of Rygel ClearUp 450 K Herbicide to control resistant weeds.

Crop Establishment

Rygel ClearUp 450 K Herbicide is recommended for control of emerged weeds prior to crop establishment. Suitable cultivation and/or sowing operations are required to provide seedbed conditions satisfactory for crop germination and development. Spraying early to control young weeds will favour preparation of suitable seedbeds. On friable soils and where there is only light cover of young weeds, sowing may proceed satisfactorily from one day after spraying.

In situations of heavy weed growth sowing should be delayed until weed decay and soil conditions allow formation of a satisfactory seedbed. Incorporation of green or decaying vegetation and roots into the seedbed by cultivation or sowing may cause retarded crop emergence, particularly in cold and/or wet conditions. Vegetation may be reduced by grazing, and weed decay may be assisted by cultivation to leave reduced trash on the surface. In marginal seedbed conditions take care to achieve correct seeding depth and avoid use of pre-emergent herbicides where labels directions advise of risk of retarded crop emergence.

MIXING

1. Clean spray tank and assure it is free from residues of previous spray materials.
2. Fill spray tank with half the required amount of clean water and start agitation.
3. Add the required amount of ClearUp 450 K Herbicide and mix well before adding the remaining water.
4. If surfactant is required, add this last to minimise foaming.
5. Agitate well before spraying.
6. When preparing spray solution, use clean water, since water containing calcium salts could inactivate glyphosate.
7. Spray solutions of this product should be mixed, stored and applied only in stainless steel, aluminium, brass, copper, fibreglass, plastic or plastic lined containers or spray tanks since a highly flammable gas may be formed. Do not mix or store the product or spray solutions in galvanised steel or unlined steel (except stainless steel).

TANK MIXTURES

When tank mixing with other products read and follow all label directions, restraints, plant back periods, withholding periods and safety and first aid directions for the tank mix products.

Rygel ClearUp 450 K Herbicide is compatible with the following insecticides: chlorpyrifos, dimethoate, fenitrothion, Imidan, and omethoate. Other insecticides have not been tested.

Atrazine/Simazine

Rygel ClearUp 450 K Herbicide may be mixed with Atrazine Flowable or Simazine Flowable for knockdown and residual weed control. Addition of ammonium sulphate at 2% w/v (2kg/100 litre of spray solution) is recommended to avoid antagonism.

Dicamba

Rygel ClearUp 450 K Herbicide and Dicamba may be tank mixed for more effective control of Sorrel, Sub. clover and medics.

2,4-D

Rygel ClearUp 450 K Herbicide and 2,4-D ester or 2,4-D isopropylamine for improved control of broadleaf weeds.

Chlorsulfuron

Rygel ClearUp 450 K Herbicide and chlorsulfuron tank mix will provide knockdown and residual control in fallow and crop. Observe plantback restrictions for chlorsulfuron.

Metsulfuron

Rygel ClearUp 450 K Herbicide and metsulfuron tank mix will provide knockdown weed control in fallows and prior to planting certain winter cereals. Follow all label instructions on the metsulfuron label.

Oxyfluorfen

The addition of oxyfluorfen at 75mL/ha to recommended rates of Rygel ClearUp 450 K Herbicide used prior to the planting of wheat or barley will improve knockdown and increase the speed at which treated weeds develop visible symptoms of phytotoxicity.

GENERAL SPRAYING INSTRUCTIONS

Do not spray this product if rain is likely within 6 hours.

Do not add extra surfactant or mix with other agricultural chemicals, herbicide oils or any other materials unless specifically directed on the label.

APPLICATION

Boom Equipment

Use at spray volume of 25 to 100L. Fan nozzles at a pressure of 240-280 kPa is recommended. Boom height must be set to ensure double overlap of nozzle patterns at the top of the weed canopy.

Knapsack and Handgun Equipment

Adjust equipment to deliver a fine spray pattern and ensure a complete and uniform wetting of the foliage. Do not spray in conditions conducive to spray drift.

Aerial Application

Aerial equipment may only be used to apply Rygel ClearUp 450 K Herbicide in pasture or fallow situations prior to the establishing field crops, fodder crops, or new pasture, and for pre-harvest application to sorghum crops. Do not use in intensive horticultural cropping areas.

Use recommended rates on this label up to a maximum limit of 3.2L/ha.

For Micronair and boom equipment, apply in a minimum of at least 15L/ha. Droplets with an average size (or VMD) of 250-350 micron diameter are recommended. Swath width of 15-17 metres.

Application on Hilly Terrain

As spraying height may vary, to maximise target contact, increase the water volume to 30-80L/ha and increase droplet size to at least 300 micron VMD.

AVOID DRIFT

DO NOT apply treatments with spraying equipment or under weather conditions that are likely to cause spray drift onto nearby susceptible crops, pastures or other sensitive plants. DO NOT apply treatments under light winds (less than 4km/hr) or inversion conditions or where wind speed exceeds 12km/hr.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

Do not contaminate dams, rivers or streams with the product or used containers.

Do not apply to weeds growing in or over water.

Do not spray across open bodies of water.

Do not contaminate seed, feed or foodstuffs. Keep container closed to prevent spills and contamination.

PROTECTION OF CROP, NATIVE AND OTHER NON-TARGET PLANTS

Contact with desirable plants and trees may cause severe damage or destruction.

DO NOT spray in conditions conducive to spray drift.

DO NOT apply under weather conditions, or from spraying equipment that may cause spray to drift onto nearby susceptible plants/crops, cropping lands or pastures.

DO NOT re-use container for any other purpose.

STORAGE AND DISPOSAL

Store in the closed, original container in a cool, well-ventilated area. Do not store for prolonged periods in direct sunlight.

Triple or preferably pressure rinse empty 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 designated collection point.

If not recycling, break, crush, and or puncture and bury empty containers in a local authority landfill. If no landfill is available bury the containers below 500mm 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.

For refillable containers

Empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage.

110L MINI BULK RETURNABLE CONTAINER

Store the original sealed 110L container in a cool, well-ventilated area. Do not store for prolonged periods in direct sunlight.

Do not tamper with the MicroMatic valve or the security seal. Do not contaminate the container with water or any other foreign matter. After each use of the product ensure the MicroMatic coupler, delivery system and hoses are disconnected, triple rinsed with clean water and drained accordingly. When the contents of the 110L container have been used, please return the empty container to the point of purchase. The 110L container remains the property of Rygel Australia Pty Ltd.

SAFETY DIRECTIONS

Product will irritate the eyes and skin. Avoid contact with eyes and skin. When preparing product for use wear elbow length PVC gloves and face shield or goggles. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. After each days use, wash contaminated clothing, gloves, face shield or goggles.

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

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre. (Tel: Australia 13 11 26).

MATERIAL SAFETY DATA SHEET

Additional information is listed in the Material Safety Data Sheet that can be obtained from the supplier.

CONDITIONS OF SALE

The use of Rygel ClearUp 450 K Herbicide being beyond the control of the manufacturer, no warranty expressed or implied is given by Rygel Australia Pty 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 Rygel Australia Pty Ltd accepted with no responsibility for any consequences whatsoever resulting from the use of this product.

In an Emergency Dial 000 Police or Fire Brigade

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

Rygel
ClearUp 450 K
HERBICIDE

ACTIVE CONSTITUENT: 450 g/L GLYPHOSATE present
as the POTASSIUM SALT

GROUP **M** HERBICIDE

**A Non-Selective Herbicide that Will Kill Most Emerged Weeds and
Plants in Situations as Indicated in the Directions for Use.**

THIS BOOKLET IS PART OF THE LABEL READ THOROUGHLY BEFORE USING

APVMA Approval No.: 61313/0209


RYGEL
AUSTRALIA PTY LTD
Rygel Australia Pty Ltd ACN: 106 839 007
103 Ordish Road, Dandenong South, Vic 3175
Tel: 03 9768 2803 Fax: 03 9768 2804

130 mm

140 mm

Rygel CLEARUP 450 K Herbicide

DIRECTIONS FOR USE

For complete directions for use please read attached booklet.

STORAGE AND DISPOSAL

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APVMA Approval No: 61313/0209

Batch No: } see container

DOM:

**IN AN EMERGENCY
DIAL 000
POLICE OR FIRE BRIGADE**



Rygel Australia Pty Ltd
ACN: 106 839 007
103 Ordish Rd, Dandenong South, Vic 3175
Tel: 03 9768 2803 Fax: 03 9768 2804

Bottom layer - rear label (sticks to container)

12 mm

18 mm

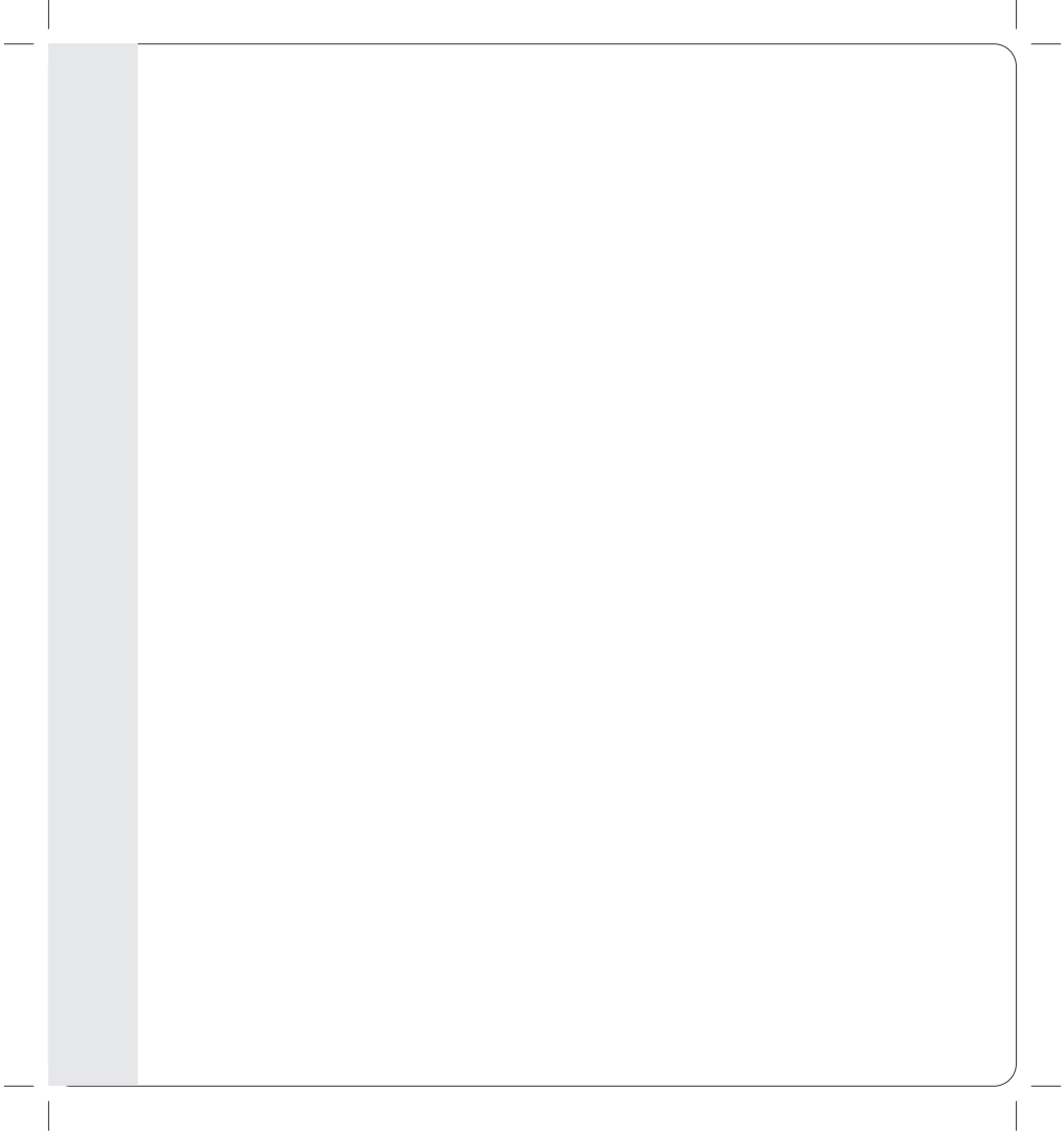
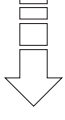
15 mm



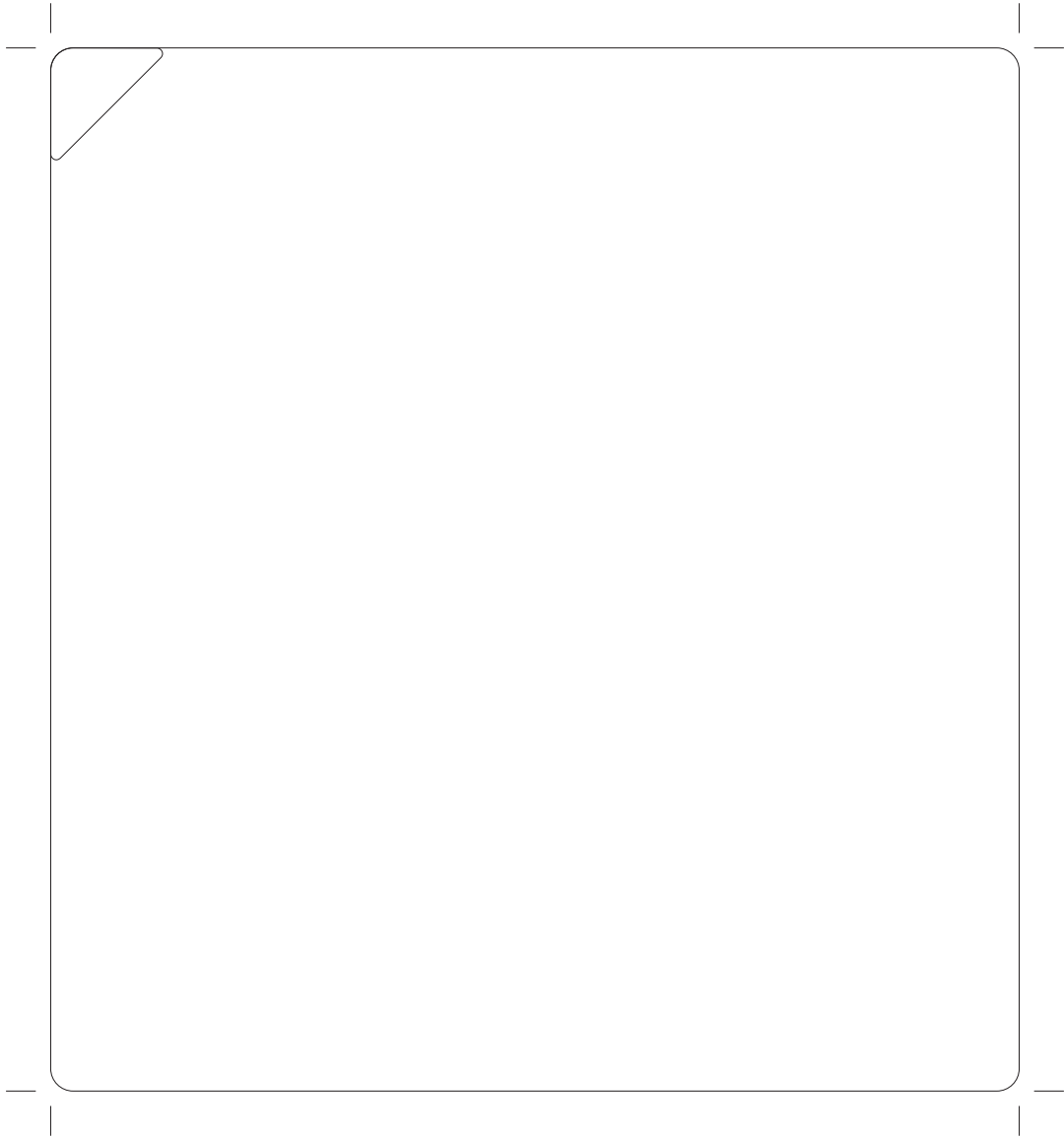
*Place leaflet here
blank page to
top label adhesive*

15 mm

12-mm strip NOT
peelable overglass



15mm x 15mm
peel tabs from
backing sheet



Adhesive side of 'top' label
this side sticks to the 'bottom' label