

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

Rygel
Amine 625
Selective Herbicide

**ACTIVE CONSTITUENT: 625 g/L 2,4-D present as the
dimethylamine and diethanolamine salts**

GROUP I HERBICIDE

For the control of broadleaf weeds in fallow before direct drilling or sowing of cereals and pastures; and in cereal crops, pastures, sugar cane, peanuts and non-agricultural areas as per the Directions for Use.

This is a PHENOXY HERBICIDE that can cause severe damage to susceptible crops such as cotton, grapes, tomatoes oilseed crops and ornamentals.

IMPORTANT: READ THIS BOOKLET BEFORE USING THIS PRODUCT

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

APVMA Approval No.: 58811/0605

DIRECTIONS FOR USE

RESTRAINTS: DO NOT spray if rain seems likely within 6 hours or if strong winds prevail.
DO NOT apply if crop or weeds are stressed due to dry or excessively moist conditions.

1. FIELD CROPS

Situation	Weeds Controlled	State
Wheat	Refer Weed Table	NSW, ACT, SA only
		Vic only
		Qld only
		Tas only
Barley		NSW, ACT, SA only
		Vic only
		Qld only
		Tas only
Cereal Rye, Triticale		NSW, ACT, SA only
		Vic only
Oats	NSW, SA only	
	Vic only	

2

Rate Vol/ha	Critical Comments
320mL -1.7L	Apply after the first node can be felt at the base of a tiller and before swelling of the head can be felt in a tiller (NSW, SA only)
225mL -1.4L	
560mL -1.4L	Apply from tillering to boot stage (Vic only)
800mL-1.4L	Apply from mid tillering to before boot stage (Qld only)
320mL - 1.4L	Apply at 5 leaf to fully tillered (Tas only)
225mL -1.4L	
560mL -1.4L	
800mL-1.4L	
320mL -1.4L	
225mL -1.4L	
320mL - 800mL	
225mL - 800mL	

3

DIRECTIONS FOR USE continued**1. FIELD CROPS continued**

Situation	Weeds Controlled	State
Cereals: Wheat, Oats, Barley	Cape Tulip	WA only
	Dock, Flatweed, Saffron Thistle	
	Indian Hedge, Mustard, London Rocket, Lupin, Rapistrum, Wild Radish	
	Wild Turnip	
	Capeweed, Doublegee, Erodium, London Rocket, Lupin, Mustard, Rapistrum, Wild Radish, Wild Turnip	
Wheat, Barley	Wild Radish	Vic, SA, ACT, NSW only
Fallow, Stubble Spray prior to direct drilling or sowing. Winter Cereals, Grain legumes (peanuts - Qld only) and Canola	Refer Weed Table	All States

Rate Vol/ha	Critical Comments
640mL - 1.3L	Apply from the 5 leaf stage up to jointing stage (Zadoks 15-33). Apply after the 6 leaf stage (Z.16) for Cranbrook, Jacup, Aroona and Spear Wheat and Mortlock Oats to avoid possible damage. DO NOT spray if lucerne is present. WEED STAGE: 10-15cm. Docks should be sprayed before 5 leaf stage. Cape Tulip - low rate for cormils only.
1.1L	
800mL	
640mL	
200mL/ha plus 500mL/ha Diuron (500g/L)	Apply when crop has 4-5 leaves and most weeds have germinated and are in 2-5 leaf stage. Crop and weeds should be dry at time of application. Some temporary yellowing of crop may occur after application. Undersown sub-clovers may be slightly retarded. DO NOT apply to undersown medics.
80mL/ha plus 850g/ha Bayer Tribunil Herbicide	Spray 2-6 weeks after sowing and not later. Do not use on crops undersown with lucerne.
225mL -1.7L	Observe plant back periods given in the table on this leaflet. Can be mixed with chlorsulfuron, paraquat, paraquat/diquat where grasses are present. Select appropriate rate from the Weed Table. For Skeleton Weed spraying should only be done 6-8 weeks before anticipated sowing date and subsequent cultivation limited to a minimum.

DIRECTIONS FOR USE continued**1. FIELD CROPS continued**

Situation	Weeds Controlled	State
Millet	Refer Weed Table	NSW, SA, ACT, Vic only
		Qld only
Sacaline, Broom Millet, Millet, Grain Sorghum	Cape Tulip, Dock, Saffron Thistle, Indian Hedge, Mustard, London Rocket, Rapistrum, Lupin, Wild Radish, Wild Turnip	WA only
Sugar Cane (Q80, Q96, & H56 varieties)	Bellvine	Qld, NSW only
	Morning Glory	
	Pink Convolvulus Star of Bethlehem	
Sugar Cane	Bindy Eye (Star Burr), Blue Top, Cobblers Pegs, Flea-banes, Jute, Laucas Needle Burr, Spear Thistle, Water Primrose, Ipomea Vines, Convolvulus Vines	Qld only
	Chinese Mint, Blue Snakeweed	

Rate Vol/ha	Critical Comments
560mL - 1.1L	Spray when secondary roots have been developed, when fully tillered and before heads start to form at the base of the tillers. Do not use on Panorama Millet or Panicum.
560 - 900mL	
1.1L	Spray when crop is 10-30cm high and secondary roots have developed and before tasselling. Apply as direct spray to weeds.
280mL/ 100L water	Apply in Spring, using directed spray.
560mL to 1.1L	Apply in Summer, using high clearance tractor.
1.1L	Apply in Autumn by aircraft.
1.8L - 3.5L	Add 60-120mL Spray Sure Difuser/100L of spray mixture. Agitate well. DO NOT use on Q63, Q67, Q80 or Q96 Varieties.
3.5L	

DIRECTIONS FOR USE continued**1. FIELD CROPS continued**

Situation	Weeds Controlled	State
Peanuts	Broadleaf Weeds, except Noogoora Burr, Grasses except Mossman Burr	Qld only
Harvest Aid or Salvage Spray - Winter Cereals	Dessicate Broadleaf Weeds Refer Weed Table	All States
Bananas	To destroy Banana suckers	Qld only
Common Stylo forage or seed crops Carribean Stylo forage or seed crops	Refer to Weeds Table	

Rate Vol/ha	Critical Comments
1.8L - 3.6L	LOWER RATE: Apply as BAND SPRAY as soon as possible after planting in a 55cm band. HIGHER RATE: Apply as OVERALL SPRAY after planting and before crop emergence. Some crop damage may occur if heavy rain falls between application and crop emergence.
1.2 - 1.7L	Apply after dough stage.
160mL/10L water	Inject at the rate of 15mL per fully grown plant, 10mL per medium sized plant and 5mL for small suckers.
320mL/100L water	Allow suckers from corms of treated plants to form broad adult leaves, then spray. Isolated spots may require a second spray.
800mL	Apply post-emergence when weeds are 3 weeks old and crop is at least 3 weeks old.
800mL - 1.6L	Apply post-emergence when crop is 3 weeks old.

DIRECTIONS FOR USE continued

2. PASTURES, NON-AGRICULTURAL, RIGHTS OF WAY, INDUSTRIAL,

Situation	Weeds Controlled	State
Pastures and Non-Agricultural	Refer Weed Table	NSW, Qld, SA, ACT, Tas only
	Galvanised Burr	NSW, ACT only
	Amsinckia, Docks, Bindweed, Caltrop, Flatweed, Spear Thistle, Capeweed, Doublegee, Saffron Thistle, Mustard, Wild Radish, Wild Turnip, Annual Thistles, Paterson's Curse	WA only
	Afghan Melons	
	Paddy Melons	
	Prickly Saltwort (Roly Poly)	
	Stinkwort	
	Dove Weed	

10

LAWNS

Rate Vol/ha	Critical Comments
560mL - 1.7L	Pasture legumes including lucerne, clovers and medics may be damaged unless well protected by grasses. Spot spraying is preferred.
320mL/100L water	Apply to young actively growing weeds. Ensure thorough and even coverage of plants. Note: Treated plants need to be burnt to destroy seeds.
1.1-2.4L	For pastures not containing legumes. Only seedling Docks, Spear Thistle and Saffron Thistle will be controlled. SUMMER WEEDS: Use low rate for seedlings, 1.6-2.4L/ha for larger plants. Stock poisoning may occur when grazed after spraying if large amounts present, particularly Heliotrope. WINTER WEEDS: Use low rate for seedlings, 1.6-2.4L/ha for larger plants. If stock present, use spray/grazing rates.
1.6L plus 1% crop oil	Spray when plants are actively growing preferably before flowering or vining.
800mL - 1.1L	
1.6L	Spray when plants are small.
1.6 - 3.2L plus surfactant	Best results are obtained when plants are small. Use high rate on larger plants.
3.2L	Spray after good emergence of seedlings.

11

DIRECTIONS FOR USE continued

2. PASTURES, NON-AGRICULTURAL, RIGHTS OF WAY, INDUSTRIAL, LAWNS cont.

Situation	Weeds Controlled	State
Pastures, Rights of Way and Industrial	Boxthorn, Boneseed, Hawthorn	Vic, SA only
	Groundsel	NSW, Qld, ACT, SA only
		Tas only
		Qld, NSW, ACT, SA, Tas only
	Lantana	NSW, Qld, ACT, SA only
Mother of Millions	NSW only	

12

Rate Vol/ha	Critical Comments
80mL/10L water	Spot Spraying: For boneseed only, thoroughly wet plants or seedlings.
Undiluted	Cut stump: Apply or paint undiluted Rygel Amine 625 to freshly cut stumps.
950mL/15L water	MISTING: Lightly wet plants.
320mL/100L water	HIGH VOLUME: Thoroughly wet plants.
240mL/15L water	CUT STUMP: Swab the cut stump immediately. Apply by a pouring can or Knapsack spray.
2.9 - 4.4L	AERIAL APPLICATION: Spray when Groundsel is actively growing.
320mL/100L water	Use a coarse spray with sufficient pressure to penetrate canopy and wet stems as well as foliage. Spray at the end of a wet Summer (March to May). Defoliation should occur but respraying of new growth will be necessary in following Autumn. Broadcast grass seed and keep stock off following Summer to allow the pasture to establish. Damage may result to pasture legumes.
400mL/100L water	Hand gun and Knapsack only. A thorough coverage of leaves and plantlets is necessary. Use Rygel Cropwett 1000 at the rate of 1.0mL of surfactant per 1L of mixture.

13

DIRECTIONS FOR USE continued

2. PASTURES, NON-AGRICULTURAL, RIGHTS OF WAY, INDUSTRIAL, LAWNS cont.

Situation	Weeds Controlled	State
Pastures, Rights of Way and Industrial (cont.)	Noogoora Burr, Weir Vine (Ipomoea), Scarlet Pimpernel (seedlings only), White Eye (Mexican Clover)	Qld only
	Annual and Perennial Pigweed, Artichoke Thistle, Bathurst Burr, Billygoat Weed, Blue Snake Weed, Burr Medic, Clockweed* , Fleabanes, Galvanised Burr, Hemlock, Hoary Cress* , Kyalinga Weed (Whisker Grass), Knobweed, Milky Cotton Bushes, Parthenium Weed, Paterson's Curse, Saffron, Thistle, Star Burr, Thornapple, Variegated Thistle*	
	Rubber Vine	Qld only
	Sesbania Pea	
	Water Hyacinth	
Wild Tobacco Tree		

Rate Vol/ha	Critical Comments
160mL/100L water	In all cases apply to young, actively growing weeds, ensuring thorough coverage.
320mL/100L water	In all cases apply to young, actively growing weeds, ensuring thorough coverage. * Spray rosette stage. * Repeat spraying necessary.
160mL/10L water	Apply to freshly cut stump.
560 - 900mL	
3.5 - 5.3L	Apply in 2,200 to 3,300L water/ha
240mL/15L water	Cut Stump Treatment: Swab cut stump within 1 hour of cutting. Apply by pouring can or knapsack sprayer.

DIRECTIONS FOR USE continued

2. PASTURES, NON-AGRICULTURAL, RIGHTS OF WAY, INDUSTRIAL, LAWNS cont.

Situation	Weeds Controlled	State
Conservation Tillage - Direct Drilling, Surface Sowing or Fallow Maintenance	Charlock, Mustards, Shepherd's Purse, Saffron, Slender, Spear and Variegated Thistles*, Turnip Weed, Wild Radish, Wild Turnip	All States
	Clover, Sorrel	
Pastures – Spray Graze Techniques		
	Amsinckia, Thistles, Capeweed, Doublegee, Mustard, Paterson's Curse, Wild Turnip, Wild Radish, Docks, Geranium, Erodium	SA only
	Annual Thistles, Capeweed, Doublegee, Mustards, Paterson's Curse, Wild Turnip, Saffron Thistle, Spear Thistle, Geranium, Slender Thistle	Tas, Vic only

Rate Vol/ha	Critical Comments
560mL - 1.6L	Apply to actively growing young plants. Before sowing: Observe plant back periods given in the table on this leaflet. * Warning: Treated plants may become toxic to stock.
1.1L/ha plus 280-400mL/ha dicamba (500g/L)	Apply to actively growing plants in Autumn. Do not sow pasture seed for at least 30 days after application.
	PRECAUTION. An increased quantity of poisonous plants may be eaten by stock using Spray-Graze eg. Caltrop, Capeweed, Paterson's Curse, Variegated Thistle and deaths could result from causes such as nitrate poisoning. With Paterson's Curse, preferably graze stock soon destined for slaughter and avoid extended periods of grazing. Avoid grazing with young or breeding stock. Do not graze horses or pigs on Paterson's Curse.
560mL	Apply from 6 weeks after opening rains in Autumn until the end of August. Seven days after spraying stock paddock at 4-5 times normal rate, preferably with sheep. Maintain this level of grazing for 6 weeks or until pasture shows signs of over grazing, then return to normal stocking levels. Use high stocking rates in following Spring to prevent weeds from flowering. Repeat treatments may be required for 2-3 years for complete control.

DIRECTIONS FOR USE continued

2. PASTURES, NON-AGRICULTURAL, RIGHTS OF WAY, INDUSTRIAL, LAWNS cont.

Situation	Weeds Controlled	State
Pastures – Spray Graze Techniques (cont.)	Amsinckia, Docks (seedling only), Capeweed, Doublegee, Mustard, Wild Radish, Wild Turnip, Paterson's Curse, Annual Thistles	WA only
	Spear Thistle, Saffron Thistle	
	Melons	
	Docks	Vic only
	Caltrop, Capeweed, Charlock, Mustards, Paterson's Curse, Shepherd's Purse, Saffron, Slender, Spear or Variegated Thistles*, Turnip Weed, Wild Radish, Wild Turnip	NSW, ACT only

Rate Vol/ha	Critical Comments
600-800mL	Apply from 6 weeks after opening rains in Autumn until the end of August. Seven days after spraying stock paddock at 4-5 times normal rate, preferably with sheep. Maintain this level of grazing for 6 weeks or until pasture shows signs of over grazing, then return to normal stocking levels. Use high stocking rates in following Spring to prevent weeds from flowering. Repeat treatments may be required for 2-3 years for complete control.
1.2L	Apply to Saffron Thistle at the end of September when plants are running up to flower. Sub-clovers may be damaged at this rate and use is not recommended for all medic pastures.
1.6L + 1% oil	Heavy stocking on young plants sprayed with 800mL/ha provides effective control.
1.1L	Apply in September only and follow other recommendations above.
280mL-1.1L	Spray actively growing 6-8 week old weeds. Introduce stock 7-10 days after spraying, preferably sheep (cattle are less effective). Stocking rate should be at least 5 times heavier than normal until weeds have been reduced, but before survival of desirable pasture species is threatened. Lucerne and Medics may be damaged and should be grazed short before spraying. Other legumes may be affected.

DIRECTIONS FOR USE continued**2. PASTURES, NON-AGRICULTURAL, RIGHTS OF WAY, INDUSTRIAL, LAWNS cont.**

Situation	Weeds Controlled	State
Lawns, Playing fields	Refer Weed Table	Qld, NSW only
		WA only

3. SPOT SPRAYING

Situation	Weeds Controlled	State
High Volume Spraying	Refer to Weed Table	All States
Knapsack Application	Refer to Weed Table	All States

Rate Vol/ha	Critical Comments
1.5-3.0mL/1L water or 1.6-3.2L/ha	Wet foliage thoroughly. DO NOT mow lawn for 1 week before and at least 1 week after application.
40mL/10-15L water/100m ²	DO NOT use on Buffalo grass (WA only)

Mixing Rates - Comments
Add 1/10th of rate on Weed Table to 150L of water. Each 150 litres of mix will cover 1000m ² (1/10th ha). eg. If rate in Weed Table is 1.4L, use 140mL/150L water.
Add 1/100th of rate on Weed Table to 10 litres of water. Each 10 litres of mix will cover 100m ² (1/100th ha). eg. If rate in Weed Table is 1.4L, use 14mL/10L water.

DIRECTIONS FOR USE continued

MAXIMUM TOLERANCE FOR USE IN WHEAT, BARLEY, OATS AND TRITICALE			
Crop	Qld	NSW/ACT	Vic
			Early Tillering
Cereal Rye	-	-	-
Wheat	1.8L/ha	1.7L/ha	225mL/ha
Barley	1.4L/ha	1.4L/ha	225mL/ha
Oats	-	800mL/ha	225mL/ha
Triticale	-	1.4L/ha	225mL/ha
Undersown Clovers	-	-	225mL/ha
Undersown Medics	-	-	225mL/ha
Undersown Lucerne	-	-	225mL/ha

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

WITHHOLDING PERIOD: PASTURE, CEREAL CROPS - DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 7 DAYS AFTER APPLICATION.

INCLUDING TOLERANCE FOR UNDERSOWN LEGUMES.			
Vic	SA	WA	Tas
Tillered Boot Stage		Tillered to Boot (Z15-35)	Tillered to Boot (Z15-35)
-	1.4L/ha	-	-
1.4L/ha	1.7L/ha	1.7L/ha	1.7L/ha
1.4L/ha	1.4L/ha	1.4L/ha	1.4L/ha
800mL/ha	900mL/ha	1.3L/ha	-
-	1.4L/ha	1.7L/ha	800mL/ha
-	-	680mL/ha	560mL/ha
-	-	Nil	560mL/ha
-	-	Nil	-

HARVEST WITHHOLDING PERIOD: NOT REQUIRED WHEN USED AS DIRECTED.

IN TASMANIA, THIS PRODUCT MAY ONLY BE USED FROM 15 APRIL TO 15 SEPTEMBER UNLESS OTHERWISE PERMITTED BY THE REGISTRAR OF PESTICIDES.

DIRECTIONS FOR USE continued**WEED TABLE**

NOTE: Where weeds are to be sprayed in a CROP or PASTURE use only the rate given for the particular crop or situation indicated under the Directions for Use table. In most cases this will give control, however some hard to kill weeds or those in advanced stages of growth may only be suppressed. The rates listed in the Weed Table below are for use where weeds only are present and no crop or pasture is involved. Use at these rates in a crop or pasture other than for spot spraying may cause damage. This product should only be used in those States where a rate or range of rates is indicated for the particular weeds listed.

Weeds	Application Rate per Hectare				
	Crop				
	Vic	NSW, ACT	SA	Qld	TAS
Amaranthus spp.	-	560mL-1.1L	-	900mL	-
Amsinckia	-	-	-	-	1.1L
Apple of Peru	-	560mL-1.1L	-	900mL	1.1L
Bathurst Burr	-	800mL-1.1L	1.7-2.2L	900mL	-
Bellvine	-	1.8L	-	1.8L	-
Billygoat Weed	-	3.4L	-	3.4L	-
Bindweed	-	-	-	-	-
Blackberry Nightshade	-	560mL-1.1L	-	900mL	-
Blackeyed Susan	-	1.8L	-	1.8L	-
Blue Snakeweed	-	1.8L	-	1.8L	-
California Burr	-	800mL-1.1L	-	900mL	-
Cape Tulip	-	-	-	-	-

Application Rate per Hectare		Critical Comments
Crop	Pastures	
WA	NSW, SA, Qld, Tas only	
-	-	Spray young plants.
-	-	-
-	-	Spray young plants. Susceptible when young.
-	800mL-1.1L not SA	Spray seedlings only.
-	-	Spray before seeding. Advanced stages susceptible.
-	-	Spray at young stages.
1.1L	-	-
-	-	-
-	-	Apply at pre-flowering, preferably young stages.
-	-	Spray seedlings at young stages only.
-	800mL-1.1L not SA	Spray seedlings only.
640mL-1.3L	-	Low rate for cormils only*

DIRECTIONS FOR USE continued

WEED TABLE continued

Weeds	Application Rate per Hectare				
	Crop				
	Vic	NSW, ACT	SA	Qld	Tas
Capeweed	1.4L	-	1.7L	-	1.4L
Caltrop	-	800mL-1.7L	-	900mL	-
Castor Oil Plant	-	3.4L	-	3.4L	-
Charlock	560mL-800mL	560mL-1.1L	560mL	-	1.4L
Clover	-	1.2L	-	-	-
Cobbler's Pegs	-	1.8L	-	1.8L	-
Common Ice Plant	-	-	1.1L	-	-
Common Sida	-	1.8L	-	1.8L	-
Common Sowthistle	-	1.8L	-	1.8L	1.4L
Docks	1.4L	-	1.4L	1.4L	1.4L
Doveweed	-	-	-	-	-
Fat Hen	-	560mL-1.7L	-	900mL	1.4L
Flannel Weed	-	1.8L	-	1.8L	-
Flat Weed	-	-	-	-	-
Fumitory - red	-	-	1.7L	-	-
Fumitory - white	800mL	-	560mL	-	-
Heliotrope	-	-	-	-	-
Hexham Scent or Melilotus	1.4L	-	1.1L	1.4L	-
Hoary Cress	900mL-1.4L	1.1-1.7L	1.4L	1.4L	-

Application Rate per Hectare		Critical Comments
Crop	Pasture	
WA	NSW, SA, Qld, Tas only	
1.1L	1.7-2.8L	Spray seedlings to rosette stage. Moderately susceptible.
1.1L	-	
-	-	Spray at young stage.
-	800mL-1.1L	Spray at rosette stage.
-	-	-
-	-	-
-	-	Apply at pre-flowering, preferably young stages.
-	-	-
-	-	Spray seedling or young stages only.
-	-	Apply at pre-flowering, preferably young stages.
1.1L	3.2L SA only	Spray at multiple leaf stage. -effective only on seedlings.
1.1L	-	-
-	-	Spray pre-flowering.
-	-	Spray seedling or young stages only.
1.1L	-	-
-	-	-
-	-	Spray at multiple leaf stage.
-	-	-
1.1L	-	-
-	1.1-1.7L	Spray multiple leaf stage before seeding.
-	1.4-1.7L	Spray rosettes and pre-flowering.

DIRECTIONS FOR USE continued

WEED TABLE continued

Weeds	Application Rate per Hectare				
	Crop				
	Vic	NSW, ACT	SA	Qld	Tas
Hogweed / Wireweed	1.4L	-	-	1.4L	-
Horehound	-	-	1.4L	-	-
Indian Hedge Mustard	-	-	-	-	1.4L
Khaki Weed	-	-	-	-	-
Knobweed	-	-	-	1.8-3.4L	-
Lincoln Weed	-	-	1.7L	-	-
London Rocket	-	-	-	-	-
Lupins	-	800mL-1.7L	-	-	-
Melons - Camel, Paddy	-	560mL-1.1L	-	-	-
Mexican Poppy	-	-	-	1.4L	-
Mintweed	-	1.1L	-	900mL	-
Morning Glory	-	1.8L	-	1.8L	-
Mustards	225-560mL	560mL-1.1L	560mL-1.4L	900mL	-
Needle Burr	-	1.8L	-	1.8L	-
New Zealand Spinach	-	1.1-1.7L	-	-	-
Noogoora Burr	-	800mL-1.1L	-	900mL	-
Paterson's Curse	-	1.1-1.7L	-	1.4L	-
Pinkburr (Pink Flowered Burr)	-	1.8L	-	1.8L	-

Application Rate per Hectare		Critical Comments
Crop	Pasture	
WA	NSW, SA, Qld, Tas only	
-	-	Spray at multiple leaf stage (Vic). Spray at seedling and young plant stage (Qld). Spray seedlings.
-	2.2-3.2L SA only	
1.1L	-	
-	1.1-2.2L SA only	Spray seedlings only. Lower rate for seedlings; higher rate for later stages. Spray early rosettes.
-	-	
1.1L	-	
1.1L	-	
-	-	
-	-	Spray seedlings – plants become more resistant with age. Spray seedlings – resistant in later stages.
-	-	Spray at seedling to flowering stage.
800mL	560mL-1.1L	Spray at 2-4 leaf up to rosette stage.
-	-	Apply at pre-flowering, preferably young stages.
-	800mL-1.1L not SA	
1.3L	1.7-2.2L	Spray seedlings only. Spray rosettes or before plants have 10 leaves. Later stages harder to kill.
-	-	Spray seedling or young stages only.

DIRECTIONS FOR USE continued

WEED TABLE continued

Weeds	Application Rate per Hectare				
	Crop				
	Vic	NSW, ACT	SA	Qld	Tas
Potato Weed	-	560mL-1.1L	-	900mL	-
Purpletop	-	3.4L	-	3.4L	-
Radish	-	-	-	-	-
Ragwort	-	-	-	-	3.8L
Rapeseed	-	800mL-1.7L	-	-	-
Rapistrum	-	-	-	-	-
Rough Poppy	-	1.1L	-	-	-
Safflower	-	560mL-1.1L	-	-	-
Shepherds Purse	-	1.1-1.7L	-	-	1.4L
Siratro (Purple Bean)	-	1.8L	-	1.8L	-
Skeleton Weed	1.4L	1.1-1.7L	1.4L	-	-
Sorrel	1.4L	1.7L	1.4L	-	-
Speedwell - Ivy leaf	-	-	1.1L	-	-
Spinyhead Sida	-	1.8L	-	1.8L	-
Starburr	-	1.8L	-	1.8L	-
Spiny Emex	-	-	-	1.4L	-
Star of Bethlehem (Cupid's Flower)	-	-	-	1.8L	-
Stinkwort	-	800mL-1.4L	-	-	-
Storksbill/ Erodium	-	-	-	-	1.4L
Sunflower (seedlings)	1.4L	560mL-1.4L	-	900mL	-

Application Rate per Hectare		Critical Comments
Crop	Pasture	
WA	NSW, SA, Qld, Tas only	
-	-	Spray at young stage.
-	-	
1.1L	-	
1.1L	-	
1.1L	-	
-	-	
-	-	
-	-	
-	-	
-	-	
-	800mL-1.1L	Spray young rosettes. Spray seedling or young stages only. Spray rosettes before aerial growth commences. Only moderately susceptible.
-	-	
-	-	
-	-	
-	-	
-	-	
-	-	
-	-	
-	-	
-	-	
-	1.6-3.2L	Spray seedlings to young rosettes.
-	-	

DIRECTIONS FOR USE continued

WEED TABLE continued

Weeds	Application Rate per Hectare				
	Crop				
	Vic	NSW, ACT	SA	Qld	Tas
Thistles:					
- Annual	-	-	-	-	-
- Californian	-	-	-	-	2.7L
- Saffron	1.1L	560mL-1.7L	1.4L	1.4L	950mL
- Slender / Shore	-	800mL-1.7L	-	-	1.4L
- Soldier	1.4L	-	-	-	-
- Spear	560mL	-	-	-	1.4L
- Star	-	-	-	-	-
- Variegated	-	560mL-1.7L	-	900mL	1.4L
Thornapple	-	800mL-1.1L	-	-	-
Trida (Tridax Daisy)	-	1.8L	-	1.8L	-
Turnip Weed/Rapistrum	-	560mL-1.1L	-	560mL	-
Vetches/Tares	1.4L	-	1.1L	-	-
Wards Weed	-	-	1.1L	-	-
Wild Cabbage	1.4L	-	-	-	-
Wild Poppy	560mL	-	-	-	-
Wild Radish	1.4L	1.4-1.7L	1.4L	900mL	1.4L
Wild Turnip	225-560mL	560mL-1.1L	320mL	-	1.4L

Application Rate per Hectare		Critical Comments
Crop	Pasture	
WA	NSW, SA, Qld, Tas only	
1.1L	-	Repeated applications may be necessary. (NSW, ACT, Tas only) Low rate only sufficient to control weeds in crops at rosette stage when sprayed early. Suppression only. Spray young rosette. Spray young rosettes. Use higher rate as flower stalk appears. Spray at rosette stage. Spray seedlings only. Spray seedling or young stages only.
-	3.2-3.8L	
1.1L	1.1-1.7L	
-	1.1L	
-	1.1-1.6L not NSW, Tas	
-	1.1-1.6L	
-	1.6-3.2L SA only	
-	1.1-1.7L	
-	1.6-2.4L not SA	
-	-	
800mL	560mL-1.1L	Spray at multiple leaf stage.
-	-	
-	-	Spray multiple leaves.
-	1.1-1.7L	Spray rosettes.
800mL	800mL-1.1L	Spray up to young rosette stage.
640mL	560mL-1.1L	Spray 2-4 leaf up to rosette stage.

DIRECTIONS FOR USE continued

Plant Back Days for Rygel Amine 625 Selective Herbicide

Crop	Rates		
	Up to 560mL/ha	560ml - 1.4L/ha	1.4- 1.7L/ha
Balansa Clover	7	7	10
Barley %	1	1	3
Chickpeas #	7	14	21
Cotton	10	14	21
Faba Beans	7	7	10
Field Peas	7	14	14
Lentils	7	7	10
Linseed	7	7	14
Lucerne	7	7	10
Lupins +	7	14	21
Medics	7	7	10
Narbon Beans	7	7	10
Navy Bean	10	10	14
Oats	3	3	7

Plant Back Days for Rygel Amine 625 Selective Herbicide

Crop	Rates		
	Up to 560mL/ha	560ml - 1.4L/ha	1.4- 1.7L/ha
Perennial Ryegrass	7	7	10
Persian Clover	7	7	10
Phalaris	7	7	10
Canola / Rapeseed #	14	21	28
Rice	7	7	14
Safflower #	7	14	21
Sorghum @	3	7	10
Soybean	14	14	21
Sub-Clover	7	7	10
Sunflower @	7	10	14
Triticale %	1	3	7
Vetch	7	7	10
Wheat %	1	3	7
White Clover	7	7	10

DIRECTIONS FOR USE continued

Plant Back Days for Rygel Amine 625 Selective Herbicide continued

IMPORTANT:

WHEN APPLIED TO DRY SOILS AT LEAST 15mm ($\frac{1}{2}$ inch) OF RAIN MUST FALL PRIOR TO THE COMMENCEMENT OF THE PLANT BACK PERIOD.

NOTES:

- % In Queensland, no rainfall is required to fall prior to commencement of Plant Back Period for Wheat, Barley and Triticale.
- # In Queensland, planting of Canola / Rapeseed, Chickpeas and Safflower must be delayed for at least 14 days following rainfall of at least 15mm.
- @ In Central Queensland and when using 1L/ha or less of Amine 625, the plant back period for Sorghum and Sunflower is 1 day irrespective of rainfall.
- + In WA the plant back period for Lupins at all rates is 28 days.

GENERAL INSTRUCTIONS

Before opening, carefully read Directions for Use, Precautionary Statements, Safety Directions and First Aid Instructions.

APPLICATION INFORMATION

BOOM SPRAYING - Use 30-120L/ha of water.

AERIAL SPRAYING - Use 10-90L/ha of water.

EQUIPMENT MAINTENANCE AND USAGE

Equipment that has been used for this chemical should not be used for the application of other materials to sensitive plants, unless it has been well washed out with hot soapy water or 1% solution of ammonia, followed by several clear water rinses.

COMPATIBILITY

This product can be tank mixed with the herbicides: dicamba, diuron, chloresulfuron, paraquat, 22DPA, atrazine, paraquat/diquat and picloram, and the fungicide propiconazole.

RESISTANT WEEDS WARNING

Rygel Amine 625 Selective Herbicide is a member of the Phenoxy group of herbicides. Rygel Amine 625 Selective Herbicide has the Group I mode of action. For weed resistance management Rygel Amine 625 Selective Herbicide is a Group I Herbicide. Some naturally occurring weed biotypes resistant to Rygel Amine 625 Selective Herbicide and other Group I 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 Rygel Amine 625 Selective Herbicide or other Group I herbicides.

Since the occurrence of resistant weeds is difficult to detect prior to use, Rygel Pty Ltd accepts no liability for any losses that may result from the failure of Rygel Amine 625 Selective Herbicide to control resistant weeds.

GENERAL INSTRUCTIONS continued

PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

DO NOT spray in high winds. DO NOT spray cereals if lucerne is present. DO NOT spray crops or weeds outside the stages indicated in "Critical Comments" as damage, loss of yield or inadequate weed control may result.

Drift Warning: DO NOT apply under weather conditions, or from spraying equipment that may cause spray to drift onto nearby susceptible plants/crops, cropping lands such as cotton, tobacco, vines, fruit trees, vegetables, ornamentals, oil seed and legume crops and pasture and other susceptible plants and trees (eg. Kurrajongs and Belahs). DO NOT use unless wind speed is more than 3 kilometres per hour and less than 15 kilometres per hour as measured at the application site. DO NOT apply with smaller than coarse to very coarse spray droplets according to the ASAE S572 definition for standard nozzles.

PROTECTION OF LIVESTOCK

Low hazard to bees. May be applied at any time as recommended in the Directions for Use.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

DO NOT contaminate streams, rivers or waterways with the chemical or used container.

STORAGE AND DISPOSAL

The method of disposal of the container depends on the container type. Read the 'Storage and Disposal' instructions on the label that is attached to the container.

SAFETY DIRECTIONS

Poisonous if swallowed. Avoid contact with eyes and skin. DO NOT inhale spray mist. When preparing spray, wear PVC or rubber apron, elbow length PVC gloves and face shield. When using the prepared spray, wear face shield. If product on skin, immediately wash area with soap and water. After use and before eating, drinking or smoking, wash hands, arms, and face thoroughly with soap and water. After each day's use wash gloves, face shield and contaminated clothing.

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 (MSDS).

CONDITIONS OF SALE

The use of Rygel Amine 625 Selective 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.

In an Emergency Dial 000 Police or Fire Brigade