

Directions for Use
Restraints
DO NOT apply this product to steeply sloping sites when applying high rates recommended for perennial grass control.
DO NOT allow spray drift onto susceptible crops and ornamentals.
DO NOT spray near desirable trees.

Crop/Situation	Weeds Controlled	States	Rate			Critical Comments	
			Ground per ha	Air per ha	Spot Spraying per 100L		
Industrial use	Paspalum (<i>Paspalum dilatatum</i>)	Tas, WA, SA and Vic. only	9L	-	500mL	Apply to existing growth during November to February inclusive. Apply the recommended rate of FARMALINX Open Range Herbicide in 800-2000L of water per ha. Ensure that the spray completely wets all leaf surfaces. Spot spraying: spray thoroughly to ensure run-off.	
	Kikuyu grass (<i>Pennisetum clandestinum</i>)						
	Couch (<i>Cynodon dactylon</i>)						
Pastures and non-crop situations	African Feathergrass (<i>Pennisetum macrourum</i>)	Tas, WA only	9L	-	-		
	Parramatta grass (<i>Sporobolus spp.</i>)	Qld, NSW, Vic, WA only	2L	2L	200mL	Apply December to February inclusive.	Application volumes: Pastures Aerial: 40-80L water per ha Ground Boom Spray: 150L water per ha Spot Spraying: NSW & Qld: 1000L/ha or for a 15L knapsack treat 150m ² .
	<i>Sporobolus</i> sp. such as Giant Parramatta Grass (<i>S. fertilis</i>), Giant Rat's Tail Fescue (<i>S. pyramidalis</i>) and <i>S. natalensis</i>	NSW only	1.5-2L	-	200mL	In Northern NSW apply from July to December inclusive, during the drier time of year. Use the higher rate for heavy infestations. To obtain better herbicide selectivity and less damage to desirable pasture species, apply when the pasture is dormant, semi-dormant. For example in NSW, the optimum application time is late winter and early spring. DO NOT apply in severe droughts or to weeds retarded by burning.	
	African love grass (<i>Eragrostis curvula</i>)	NSW, WA only	3L	-	300mL	Apply July to December.	
		Vic. only				Apply July to December inclusive. All other Critical Comments as for Serrated Tussock (Vic.).	
Urban open space, woodlands, roadsides, nature reserves and pastures	Rats tail grasses	Qld, WA only	2L	-	200mL	Spray to run-off.	
	Needle grasses (<i>Nassella neesiana</i> , <i>N. leucotricha</i> , <i>N. hyalina</i> , <i>N. charuana</i> , <i>N. tenuissima</i>)	NSW, ACT, Vic, SA, WA only	1.5 - 3L	-	200mL + 150mL Glyphos Envision 360 Herbicide	Apply tank mix to actively growing plants from Spring to autumn. Apply once per year.	
					100mL-300mL	Calibrate spray equipment to apply 1000L water per hectare. Apply to actively growing and stress free plants. Control will take 3-12 months depending on weather conditions and senescence of plant foliage. High rates will kill native grasses. Apply once per year Avoid use in channels or drains. Do NOT re-seed treated areas until at least 100mm of leaching rain has fallen.	
Pastures and non-crop situations	Coolatai Grass (Small patchy infestations) (<i>Hyparrhenia spp</i>)	NSW only	-	-	300mL per 100L water	Apply in winter and spring between the months of July and October. Apply using high volume spot spray applicators. Apply herbicide solution to Coolatai grass to the point of run-off from leaf surfaces.	

Crop/Situation	Weeds controlled	States	Rate				Critical Comments	
			Ground per ha	Air	Wiper	Spot spraying per 100L		
Pastures and non-crop situations	Serrated Tussock (<i>Nassella trichotoma</i>)	Vic, Tas, WA	2L	2L	-	200mL	Apply during November to February inclusive. Graze to reduce cover of desirable species before spraying. Re-seeding: Desirable pasture species such as phalaris, cocksfoot, ryegrass, red and white clovers, subterranean clovers and lucerne must not be sown until at least 100mm of leaching rain has fallen. If drought conditions prevail defer sowing until next season. Spot Spraying: Spray to run-off at anytime from spring through to autumn but observe above precautions on re-seeding.	Application volumes: Pastures Aerial: 40-80L water per ha Ground Boom Spray: 150L water per ha Spot Spraying: NSW & Qld: 1000L/ha or for a 15L knapsack treat 150m2.
		Qld only	2L	2L	-	200mL	Apply September to May inclusive. (See Note below)	

Crop/Situation	Weeds controlled	States	Rate				Critical Comments	
			Ground per ha	Air	Wiper	Spot spraying per 100L		
Pasture – broadacre treatment	Serrated Tussock (<i>Nassella trichotoma</i>)	NSW, ACT, Vic, WA only	1.5-2L	1.5-2L	1:20 via a rotating wiper	-	Apply September to March and June to August inclusive	Aerial application: apply in a volume of 35-80L of water. In more difficult country, use higher rates of water, anti-drift additives and larger droplets. Ground application: apply in a volume of 80-150L. Use the lower rate on slate, shale and granite soils. Use the higher rate on basalt soils. Rotating Wiper: graze heavily prior to treatment to ensure height differential between pasture and serrated tussock. In dense serrated tussock, stock may not graze heavily and some pasture damage may result. Apply as single or double pass. Winter application: avoid application in very dry winters.
Pasture – broadacre treatment -to remove seedlings from improved pasture			0.5-2L	-	-	-	Apply September to February inclusive	Seedlings of serrated tussock are susceptible to shading and low rates of flupropanate. In all situations, use conservative stocking rates and fertilise to maintain a vigorous pasture after spraying. Use the lower rate for slate and granite soils. Serrated Tussock plants must be less than 10cm high, and have less than 80 leaves. Apply September to November before pastures “bolt” in the spring flush, or December to February when improved species are dormant.
Pasture – broadacre treatment - spray topping			1.5-2L + 0.6-1.25L Glyphos Envision Herbicide + wetting agent	1.5-2L + 0.6-1.25L Glyphos Envision Herbicide + wetting agent	-	-	Apply September to November inclusive	If applied after August, serrated tussock is still likely to set viable seed. To prevent seeding, the use of a knockdown spray may be applicable where it is acceptable to damage associated pasture species. Spray to wet plant – approximately 1000L of prepared solution per hectare. Rotating wiper – Apply as a double pass 2 to 8 weeks before seed heads begin to emerge. Add a wetting agent at the recommended label rates. Will NOT kill serrated tussock but will reduce seeding. Graze heavily prior to treatment to ensure height differential between pasture and serrated tussock. In dense serrated tussock, stock may not graze heavily and some pasture damage will occur.
Pasture – spot treatment - to destroy serrated tussock			-	-	-	150-200mL	Can be applied all year round	Calibrate spray equipment to apply to 1000L water per hectare. The addition of a wetter to the glyphosate use pattern may prove beneficial. Lower rates of may be used on slate and granite soils. Use a dye marker. Area may need re-treatment in subsequent years. Flupropanate may take several months to affect plants. Seed set may be prevented by the addition of a knockdown herbicide, such as Glyphosate.
Pasture – spot treatment – to destroy serrated tussock and prevent seeding			-	-	-	150-200mL + 120mL Glyphos Envision Herbicide	Apply September to November inclusive	To prevent seed set, spray before seedheads begin to emerge. See critical comments for Pasture, “spot treatment to destroy serrated tussock” above.

IMPORTANT

- This product is very slow acting and control of existing growth will take 3-12 months depending on weather conditions and senescence of plant foliage.
- The actual length of satisfactory residual control will depend on soil type and rainfall until regeneration occurs from grass seed or surviving rhizomes.
- FARMALINX OPEN RANGE HERBICIDE is liable to leaching and movement in the soil under heavy rainfall or irrigation, and dry conditions favour its persistence in the soil.
- Avoid use in channels and drains and where roots of desirable plants may extend; and in other situations where desirable plants grow close to the treated area.
- Control of grasses growing in shaded conditions may be reduced.
- Subterranean clover and other annual legumes may be damaged by this product if exposed to the spray or if they germinate before product residues have dissipated from the soil.

MIXING

This product is highly soluble in water and the required amount can be added direct to the spray tank while stirring or with the agitator running. When used in mixtures with dispersible wetters, first make a slurry of the powder in a small quantity of water, add this to the half filled spray tank with the agitator running, and then add the required quantity of product and continue filling until the spray tank is full. Good agitation must be maintained during the spraying operation.

WEETING AGENT

Addition of 100mL of a non-ionic surfactant (600 g/L) per 100 litres of spray is recommended.

COMPATIBILITY

This product may be mixed with Glyphosate to improve knockdown of existing vegetation.

APPLICATION

Boom spray equipment should be carefully calibrated to deliver the required volume of spray and checked to see that the nozzles are delivering a uniform spray pattern.

PADDOCK PREPARATION

Graze to reduce cover of desirable species for spraying.

RE-SEEDING

Desirable pasture species such as phalaris, cocksfoot, ryegrass, red and white clovers, subterranean clovers and lucerne may be sown after at least 100mm of leaching rain has fallen. If drought conditions prevail defer sowing until next season.

CLEAN UP

Equipment should be cleaned after use.

PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

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.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

DO NOT contaminate streams, rivers or waterways with the chemicals or used containers.

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POISON

KEEP OUT OF REACH OF CHILDREN

READ SAFETY DIRECTIONS BEFORE OPENING OR USING

FARMALINX

HERBICIDE

ACTIVE CONSTITUENT: 745 g/L FLUPROPANATE

present as the sodium salt

GROUP J HERBICIDE

For the control of certain grasses as per the directions for use table.

IMPORTANT: THIS LEAFLET IS PART OF THE LABEL ATTACHED TO THE CONTAINER. READ THOROUGHLY BEFORE OPENING OR USING THIS PRODUCT.

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