

# Paraquat 250/300

Similar to: Gramoxone®

<b>Active Constituent</b> Paraquat Dichloride 250g/L, 300g/L		<b>Formulation</b> SL	
<b>Typical Situations</b>		For the control of a wide range of grasses and broadleaf weeds.	
<b>Chemical Group</b> L	<b>Mode of Action</b> Rapid foliar uptake, poor translocation – disrupts photosynthesis and destroys cell membranes.		
<b>Indicative Price ex GST</b> \$4.20/L	<b>Typical Pack Size</b> 20L, 110L, 1000L		
<b>Poison Schedule</b> 7	<b>Dangerous Goods Class</b> 6.1	<b>UN</b> 3016	<b>Packing Code</b> III
<b>Withholding Period</b>	<p><b>Harvest</b> Do not harvest chickpeas, lupins, lentils, vetch and faba beans for 14 days post application. Not required when used as directed for all other crops.</p> <p><b>Grazing</b> Do not graze or cut for stock food for 1day (7 for horses) post application.</p>		
<b>Plant Back</b>	N/A		
<b>Application Method</b>	Boom Spray 30-200L/ha**, Do not aerially apply		<b>Rain fastness</b> ½ hour
<b>Efficacy</b>	Apply to small, actively growing weeds free from dew and dust with water rates and droplet size suited to maximum coverage. Spraying in low light (dusk or night) conditions aids translocation. Allow 1 hour prior to cultivation. Group C and G products aid efficacy.		
<b>Adjuvants</b>	Non-ionic surfactant where high volume applications dilute product concentration below 400ml/100L of water.		
<b>Compatibility</b>	Atrazine, Chlorsulfuron, Diuron, Pendimethalin, Simazine, Triasulfuron, Trifluralin, 2, 4D MCPA, Dicamba and Oxyfluorfen.		
<b>Incompatibility</b>	Translocation pesticides (antagonism).		
<b>Water Quality</b>	Do not use water contaminated with silt, clay and algae (Paraquat will bind).		
<b>Time to Effects and Symptoms</b>	Several hours to 3 days - Rapid desiccation and necrotic spots followed by plant death within 4 days.		
<b>4F Broadacre Registrations</b>	Pre-sowing knockdown, pasture and crop topping and hay freezing (extract listed).		
<b>4F Other Registrations</b>	Various horticultural and irrigated crops, perennial pasture and non-agricultural situations (see label).		
<b>Similar Product Registrations</b>	As above.		
<b>Situation</b>	<b>Target Weed/s</b>	<b>Rate/ha</b>	<b>Comments</b>
Selective weed control (Autumn-early Winter)	Annual grasses and Broadleaf, <b>Except</b> Paterson's Curse, Sorrell, Dock, Shepherds Purse, Thistles	600ml-1.6L (Paraquat 250 rate)	Remove stock 2-3 days prior to application for weeds to freshen up. If weeds too big, graze with stock a few weeks prior to reduce weed size to 20-50mm. Clovers are more susceptible when stressed. Do not apply to desirable Medics.
Spray Top Crop (Chickpeas, Faba Beans, Field peas, Lupins, Lentils, Vetch)	Ryegrass	400-800ml (Paraquat 250 rate)	Spray when all Ryegrass heads are emerging during flowering but before haying off begins. Possible 25% yield loss if infestation is high.
Ryegrass Toxicity and Hay freeze	Annual grasses and Broadleaf	400ml (ryegrass tox) 800ml (hay freeze) (Paraquat 250 rate)	Ryegrass tox. control: use the Spray Graze technique Hay Freeze: remove stock 2-3 weeks prior to weed maturity, spray just prior to maturity (protein is reserved within plant for optimum dry feed value).
<b>Comments</b>			
**Spray volumes: Hay freezing, spray topping 30L (WA only), 50-100L for seedlings and well grazed weeds, 70-150L for 20-50mm plants, and 200L for plants up to 100mm.			
S7 product - <b>TOXIC</b>			