



**Australian Government**  
**Australian Pesticides and  
Veterinary Medicines Authority**



# **Paraquat and diquat – summary of assessment outcomes in proposed regulatory decisions**

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## Summary of risk assessment outcomes for chemical products containing diquat

Crop	Weeds controlled / Use	Application method	Assessment outcome (risk area)
Cotton (short stapled varieties only)	Pre-harvest crop desiccation	Boomspray	Not supported (environment, residues)
Dry beans		Boomspray	Not supported (environment, residues)
Dry peas		Boomspray	Not supported (environment)
Lentils		Boomspray	Not supported (environment)
Chickpeas		Boomspray	Not supported (environment)
Faba beans		Boomspray	Not supported (environment)
Linseed		Boomspray	Not supported (environment)
Lupins		Boomspray	Not supported (environment)
Mung beans		Boomspray	Not supported (environment)
Perennial legume seed crops (lucerne)		Boomspray	Not supported (environment)
Perennial legume seed crops (red clover)		Boomspray	Not supported (environment)
Perennial legume seed crops (white clover)		Boomspray	Not supported (environment)
Pigeon peas		Boomspray	Not supported (environment)
Poppies		Boomspray	Not supported (environment)
Potato (Haulm desiccation)		Boomspray	Not supported (environment)
Potato (ground stored – preharvest weed control)		Boomspray	Not supported (environment)
Canola (rape)		Boomspray	Not supported (environment)
Rice		Boomspray	Not supported (environment, residues)
Sorghum		Boomspray	Not supported (environment, residues)
Soya beans		Boomspray	Not supported (environment)

Crop	Weeds controlled / Use	Application method	Assessment outcome (risk area)
Sugar cane		Boomspray	Not supported (environment, residues)
Sunflower		Boomspray	Not supported (environment)
Sweet potatoes		Boomspray	Not supported (environment)
Aquatic areas	Duck weeds, red azolla, water hyacinth, salvinia marsilea, water lillies, water lettuce	Boomspray	Not supported (environment)
	Cattail and Pond Weeds	Injection below surface, Surface spray	Not supported (environment)
Asparagus	Broadleaf weeds (prior to spear emergence)	Boomspray	Not supported (residues, environment above 283 g ac/ha per season)
Hops	Annual broadleaf and grass weeds	Inter-row spray	Supported
Infested areas	Cotton Thistle (Onopordum acanthium)	Spot spray	Not supported (environment)
	Saffron thistle	Spot spray, Boomspray	
Lucerne	Capeweed and erodium spp.	Boomspray	Supported up to 88 g ac/ha per season
Oil seed poppies	General weed control	Boomspray	Supported up to 283 g ac/ha per season
Orchards (including bananas) and vineyards: citrus, grapes, pome fruit, stone fruit, tree nuts, tropical fruit (edible peel), tropical fruit (inedible peel, except pineapple)	Capeweed	Directed spray, inter-row spray, butt spray	Not supported (environment)
Pasture renovation and establishment	Capeweed and erodium spp. (Storksbill)	Boomspray	Not supported (environment)
	Barlet grass, brome grass, silver grass and sweet vernal grass		Not supported (environment)
	Capeweed (very young seedling, 2–3 leaf stage only)		Supported up to 88 g ac/ha per season

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Crop	Weeds controlled / Use	Application method	Assessment outcome (risk area)
Row crops, vegetables and market gardens (berries and other small fruit except grapes)	Broadleaf weeds	Boomspray, knapsack, inter-row spray (shielded)	Supported up to 283 g ac/ha per season (noting crop group change required by residues)
Row crops, vegetables and market gardens (brassica vegetables: broccoli, head cabbages, cauliflower and Chinese cabbage (type Pe-tsai))	Broadleaf weeds	Boomspray, knapsack, inter-row spray (shielded)	Supported up to 283 g ac/ha per season (noting crop group change required by residues)
Row crops, vegetables and market gardens (brassica vegetables: other than broccoli, head cabbages, cauliflower and Chinese cabbage (type Pe-tsai))	Broadleaf weeds	Boomspray, knapsack, inter-row spray (shielded)	Not supported (residues, environment above 283 g ac/ha per season)
Row crops, vegetables and market gardens (bulb vegetables: bulb onions)	Broadleaf weeds	Boomspray, knapsack, inter-row spray (shielded)	Supported up to 283 g ac/ha per season (noting crop group change required by residues)
Row crops, vegetables and market gardens (bulb vegetables: other than bulb onions)	Broadleaf weeds	Boomspray, knapsack, inter-row spray (shielded)	Not supported (residues)
Row crops, vegetables and market gardens (fruiting vegetables: cucurbits)	Broadleaf weeds	Boomspray, knapsack, inter-row spray (shielded)	Not supported (residues)
Row crops, vegetables and market gardens (fruiting vegetables: other than cucurbits)	Broadleaf weeds	Boomspray, knapsack, inter-row spray (shielded)	Supported up to 283 g ac/ha per season (noting crop group change required by residues)

Crop	Weeds controlled / Use	Application method	Assessment outcome (risk area)
Row crops, vegetables and market gardens (leafy vegetables)	Broadleaf weeds	Boomspray, knapsack, inter-row spray (shielded)	Supported up to 283 g ac/ha per season (noting crop group change required by residues)
Row crops, vegetables and market gardens (legume vegetables)	Broadleaf weeds	Boomspray, knapsack, inter-row spray (shielded)	Supported up to 283 g ac/ha per season (noting crop group change required by residues)
Row crops, vegetables and market gardens (pineapple)	Broadleaf weeds	Boomspray, knapsack, inter-row spray (shielded)	Not supported (residues)
Row crops, vegetables and market gardens (root and tuber vegetables)	Broadleaf weeds	Boomspray, knapsack, inter-row spray (shielded)	Supported up to 283 g ac/ha per season (noting crop group change required by residues)
Row crops, vegetables and market gardens (stalk and stem vegetables, including asparagus)	Broadleaf weeds	Boomspray, knapsack, inter-row spray (shielded)	Not supported (residues)
Row crops, vegetables and market gardens (herbs and spices)	Broadleaf weeds	Boomspray, knapsack, inter-row spray (shielded)	Not supported (residues)
Wheat, oats	Capeweed	Boomspray	Supported up to 122 g ac/ha per season
Wheat	Pre-harvest weed control	Boomspray	Not supported (environment)
Wheat	Suppression of wild radish (GS 10–12)	Boomspray	Not supported (environment)
Winter cereals (barley, oats, rye, triticale and wheat)	Pre-harvest weed control	Boomspray	Not supported (environment)

## Summary of risk assessment outcomes for products containing paraquat and diquat

Crop	Weeds controlled / Use	Application method	Assessment outcome (risk area)
Aid to cultivation (Southern Australia – full disturbance)	Seedling grasses: Annual ryegrass ( <i>Lolium rigidum</i> ), barley grass ( <i>Hordeum spp.</i> ), brome grass ( <i>Bromus spp.</i> ), volunteer cereals, wild oats ( <i>Avena spp.</i> )	Boomspray	Supported up to 175 g/ha of combined active constituents per season (700 mL of product/ha)
	Vulpia (silver grass, sand fescue) ( <i>Vulpia spp.</i> )		
	Seedling brassica weeds		
	Other seedling broadleaved weeds		
	Deadnettle ( <i>Lamium amplexicaule</i> ), fumitory ( <i>Fumitory spp.</i> ), melilotus ( <i>Melilotus spp.</i> ), pimpernel ( <i>Anagallis spp.</i> ), poppy ( <i>Papaver spp.</i> ), saffron thistle ( <i>Carthmus lanatus</i> ), sheepweed ( <i>Buglossoides arvensis</i> )		
	Paterson's curse ( <i>echium plantagineum</i> )		
	Wireweed ( <i>Polygonum aviculare</i> )		
	Marshmallow ( <i>Malva parviflora</i> )		
	Volunteer beans, peas and lupins		
	Paterson's curse ( <i>echium plantagineum</i> )		
Aid to cultivation (Southern Australia – fallow/minimum disturbance)	Seedling grasses: Annual ryegrass ( <i>Lolium rigidum</i> ), barley grass ( <i>Hordeum spp.</i> ), brome grass ( <i>Bromus spp.</i> ), volunteer cereals, wild oats ( <i>Avena spp.</i> )	Boomspray	Not supported (environment)
	Seedling Grasses: Annual ryegrass ( <i>Lolium rigidum</i> ), barley grass ( <i>Hordeum spp.</i> ), brome grass ( <i>Bromus spp.</i> ),		



Crop	Weeds controlled / Use	Application method	Assessment outcome (risk area)
	volunteer cereals, wild oats ( <i>Avena spp.</i> )		
	Vulpia (silver grass, sand fescue) ( <i>Vulpia spp.</i> )		
	Seedling brassica weeds		
	Other seedling broadleaved weeds		
	Deadnettle ( <i>Lamium amplexicaule</i> ), fumitory ( <i>Fumitory spp.</i> ), melilotus ( <i>Melilotus spp.</i> ), pimpernel ( <i>Anagallis spp.</i> ), poppy ( <i>Papaver spp.</i> ), saffron thistle ( <i>Carthmus lanatus</i> ), sheepweed ( <i>Buglossoides arvensis</i> )		
	Wireweed ( <i>Polygonum aviculare</i> )		
	Marshmallow ( <i>Malva parviflora</i> )		
	Volunteer beans, peas and lupins		
	Medic ( <i>Medicago spp.</i> ), sub-clover ( <i>Trifolium subterraneum</i> )		
	Sub-clover ( <i>Trifolium subterraneum</i> ) – split application		
	Perennial ryegrass ( <i>Lolium perenne</i> ) – split application		
	Most annual weeds – split application		
Potato weed ( <i>Heliotropium europaeum</i> )			
Aid to cultivation (Northern Australia – full disturbance)	Seedling grasses	Boomspray	Not supported (environment)
	Sorghum ( <i>Sorghum bicolor</i> ), stink grass ( <i>Eragrostis cilianensis</i> )		

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Crop	Weeds controlled / Use	Application method	Assessment outcome (risk area)
	Seedling broadleaved weeds		
	Native jute ( <i>Corchorus trilocularis</i> )		
	Annual ground cherry ( <i>Physalis angulata</i> ), turnip weed ( <i>Rapistrum rugosum</i> )		
	Boggabri ( <i>Amaranthus mitchellii</i> ), hexham scent ( <i>Melilotus indicus</i> ), wild carrot ( <i>Daucus glochidiatus</i> ), speedy weed ( <i>Flaveria australasica</i> )		
Aid to cultivation (Northern Australia – fallow/minimum disturbance)	Seedling grasses	Boomspray	Not supported (environment)
	Seedling broadleaved weeds		
	Volunteer cotton (including Roundup® ready cotton) ( <i>Gossypium hirsutum</i> )		
	Boggabri ( <i>Amaranthus mitchellii</i> ), hexham scent ( <i>Melilotus indicus</i> ), wild carrot ( <i>Daucus glodcidiatus</i> ), phyllanthus ( <i>Phyllanthus spp.</i> )		
Aid in post-harvest weed control (Northern Australia – after winter cereals)	Volunteer barley ( <i>Hordeum vulgare</i> ), volunteer wheat ( <i>Triticum aestivum</i> ), bladder ketmia ( <i>Hibiscus trionum</i> ), milk thistle ( <i>Sonchus oleraceus</i> ), New Zealand spinach ( <i>Tetragonia tetragonioides</i> )	Boomspray	Not supported (environment)
Sugarcane – establishment and fallows prior to planting	Seedling grasses: (not regrowth or rhizomes) barnyard grass ( <i>Echinochloa spp.</i> ), Liverseed grass ( <i>Urochloa panicoides</i> ), stink grass ( <i>Eragrostis cilianensis</i> )	Boomspray	Not supported (environment)
	Seedling broadleaved weed		Not supported (environment)
	Seedling phyllanthus ( <i>Phyllanthus spp.</i> )		Not supported (environment)
	Mature grasses, broadleaf weeds and Phyllanthus ( <i>Phyllanthus spp.</i> )	Boomspray	Not supported (environment)

Crop	Weeds controlled / Use	Application method	Assessment outcome (risk area)
Sugarcane – plant and ratoon	Most seedling broadleaf Weeds including sicklepod ( <i>Senna (Cassia) obtusifolia</i> ), bluetop ( <i>Ageratum houstonianum</i> ), phyllanthus ( <i>Phyllanthus spp.</i> ), calopo ( <i>Calapogonium muconoides</i> )	Boomspray or directed interrow spray	Not supported (environment, residues [post-emergent boomspray])
	Most seedling grasses including awnless barnyard grass ( <i>Echinochloa colona</i> ), summer grass ( <i>Digitaria ciliaris</i> ), guinea grass ( <i>Panicum maximum</i> ), hamil grass ( <i>Panicum maximum cv Hamil</i> ), green summer grass ( <i>Brachiaria miliiformis</i> )		
Cotton	Desiccant to aid harvest	Boomspray	Not supported (environment, residues)
Lucerne (established – at least one year old)	Most annual weeds including capeweed and erodium. For improved grazing, hay or seed production or over sowing, enhanced control of some broadleaf weeds, and short term residual weed control	Boomspray	Not supported (environment)
Public service areas, rights-of-way, market gardens and nurseries, orchards (including bananas), vineyards and forests – ring weeding around trees with brown bark and strip spraying in orchards and vineyards	Most annual grasses and broadleaved weeds	High volume or power sprayer	Not supported (environment)
Vegetable crops	Weed control prior to crop emergence – most annual grasses and broadleaved weeds	High volume or power sprayer	Not supported (environment)
Potatoes	General weed control – most annual grasses and broadleaved weeds	High volume or power sprayer	Not supported (environment)
	Weed destruction prior to digging – most annual grasses and broadleaved weeds	High volume or power sprayer	

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Crop	Weeds controlled / Use	Application method	Assessment outcome (risk area)
Avocados, custard apples, lychees, mangoes	Most annual and perennial broadleaf weeds and grasses	High volume or power sprayer	Not supported (environment)
Rice (pre-emergent use only)	Annual weeds including barnyard grass (on rice stubble after burning)	Boomspray	Not supported (environment)
	Clover control		
	Annual pasture – not properly managed		
Pasture (Kikuyu/paspalum)	To suppress growth to oversow winter feed	Boomspray	Not supported (environment)
Pasture (established – perennial grass crops, cocksfoot, perennial ryegrass, phalaris and demeter fescue)	Control of annual weeds including: capeweed and erodium for improved grazing, hay or seed production	Boomspray	Not supported (environment)
Pasture (improvement)	To increase the perennial grass and/or the sub-clover or white clover content	Boomspray	Not supported (environment)
Grasses (particularly annual ryegrass)	To control grass seed set (spray top technique)	Boomspray	Not supported (environment)
Duboisia	Annual weeds	Direct spray	Not supported (environment)
		Spot spray	Not supported (environment)
Tea trees ( <i>Melaleuca alternifolia</i> )	Grasses and broadleaf weeds	Boomspray	Not supported (environment)

## Summary of risk assessment outcomes for chemical products containing paraquat and amitrole

Crop or situation	Weeds controlled	Application method	Assessment outcome (risk area)
Aid to cultivation. Weed control prior to crop establishment – <u>winter crops</u> (canola, cereals (wheat, barley, oats, rye, triticale), field peas, lupins) and pastures (sub clover, medic.)	Young seedling plants only**, annual ryegrass, brome grass, barley grass, capeweed, Indian hedge mustard, turnip weed, volunteer cereals (barley, oats, triticale, wheat), wild oats, wild radish	Boomspray	Supported up to 231 g/ha of paraquat per season
Aid to cultivation. Weed control prior to crop establishment – <u>summer crops</u> (cotton, mung beans, sorghum)	Young seedling plants only**, wild oat control at 2–5 leaf stage, annual grass and broadleaf weed control	Boomspray	Not supported (environment)
Fallow establishment and maintenance	Young seedling plants only**	Boomspray or optical spot spray	Not supported (environment)
	Flaxleaf fleabane, yellow vine (caltrop), sowthistle, barnyard grass, bladder ketmia, turnip weed		
Firebreaks	Knock down weed growth to eliminate fire hazard or assist firebreak burn	Boomspray	Not supported (environment)
Hay freezing	Maximum retention of protein in standing dry feed	Boomspray	Not supported (environment)
Non-agricultural situations (sheds, roadways, paths)	Annual weed control, columbus grass, flaxleaf fleabane	Boomspray	Not supported (environment)
Non-agricultural situations. Non disturbed areas on farm – fire breaks, fencelines, around yards, buildings and other areas including tree plantings	Young seedling plants only**	Boomspray or optical spot spray	Not supported (environment)
Orchards, vineyards	Annual weed control, columbus grass, flaxleaf fleabane, young seedling plants only**	Boomspray or spot spray	Not supported (environment)

Crop or situation	Weeds controlled	Application method	Assessment outcome (risk area)
Pastures (selective weed control autumn/early winter – annual and perennial clover)	Annual grasses and some broadleaf weed control except Paterson's curse, sorrel, Dock, Shepherd's purse and some thistles, barley grass, saffron thistle	Boomspray	Not supported (environment)
Potatoes	Pre-harvest weed control	Boomspray	Not supported (environment)
Prevention of annual ryegrass toxicity	Annual ryegrass. Spray top, graze to destroy seed heads	Boomspray	Not supported (environment)
Spray topping to reduce seed set	Grasses (particularly annual ryegrass)	Boomspray	Not supported (environment)
<p>** Annual ryegrass, brome grass, barley grass, capeweed, Indian hedge mustard, turnip weed, volunteer cereals (barley, oats, triticale, wheat), wild oats, wild radish, barnyard grass (max early tillering), bladder ketmia, cowvine/peachvine, cranesbill, dove's foot, dwarf amaranth, fleabane (max 6 leaf), field peas, goosefoot, marshmallow, medics, mignonette (cut-leaf), Paterson's curse, soursob, speedwell (not ivy-leaf), Australian stonecrop, storksills, sub clover, thistles (artichoke, milk/sow, spear, stemless, variegated), three cornered jack, volunteer cotton, volunteer canola, wireweed, wild lettuce</p>			

## Summary of risk assessment outcomes for chemical products containing paraquat

Crop use or situation	Weeds controlled / Use	Application method	Assessment outcome (risk area)
Aid to cultivation; crop, pasture or fallow establishment	Annual grass and broadleaf weed control	Boomspray	Not supported (environment)
	Volunteer canola including Roundup® ready varieties (4–6 leaf stage)		
	Wild oats at 2–5 leaf stage (autumn/winter) low rate		Supported (up to 231 g ac/ha per season)
	Wild oats at 2–5 leaf stage (spring/summer) high rate		Not supported (environment)
Bananas	Annual grasses and broadleaf weeds	Spot spray, inter-row spray	Supported (up to 175 g ac/ha per season)
Fallows	Australian bindweed, barnyard grass, bladder ketmia, fleabane, sowthistle, turnip weed, yellow vine (caltrop)	Optical spot spray technologies	Not supported (environment)
Firebreaks	Annual grasses and broadleaf weeds	Boomspray	Not supported (environment)
	Knock down weed growth to eliminate fire hazard or assist firebreak burn		
Hay freezing (grass pasture desiccation)	Maximum retention of protein in standing dry feed	Boomspray	Not supported (environment)
Hops	Annual grasses and broadleaf weeds	Inter-row spray	Not supported (environment)
Lucerne (autumn early winter)	Annual grass and some broadleaf weeds	Boomspray	Not supported (environment)
Lucerne (late winter/early spring)	Annual grass and some broadleaf weeds	Boomspray	Not supported (environment)
Non-agricultural situations (around sheds, roadways, paths)	Annual grasses and broadleaf weeds, columbus grass	Boomspray, spot spray	Not supported (environment)
Orchards, vineyards	Annual grasses and broadleaf weeds	Spot spray, inter-row spray	Not supported (environment)
	Annual weed control		

Crop use or situation	Weeds controlled / Use	Application method	Assessment outcome (risk area)
	Annual grasses and broadleaf weeds/annual weed control		
Walnuts	annual grasses and broadleaf weeds	Boomspray	Not supported (environment)
Pasture (Kikuyu/paspalum)	To suppress growth to oversow winter seed	Boomspray	Not supported (environment)
Pastures (pasture cleaning in winter / early spring – annual and perennial clovers, cocksfootperennial ryegrass, phalaris, demeter fescue only)	Annual grass and some broadleaf weed control except Paterson’s curse, sorrel, dock, Shepherd’s purse and some thistles	Boomspray	Not supported (environment)
	Yorkshire fog grass		
Peanuts	Annual ground cherry (2–3 leaf), apple-of-Peru (2–4 leaf), milkweed (2–3 leaf)	Boomspray	Supported (up to 231 g ac/ha per season)
	Bellvine (2–3 leaf), common morning glory (2 leaf)		
	<i>Datura</i> spp. (2–4 leaf)		
	Stagger weed (2–3 leaf), blue heliotrope (2–3 leaf), wandering jew (2–3 leaf), anoda weed (2–4 leaf)		
	Bellvine (2–3 leaf), common morning glory (2 leaf)		Not supported (environment)
Perennial grass, seed crops (cocksfoot, perennial ryegrass, phalaris and demeter fescue only)	Annual grass and some broadleaf weeds	Boomspray	Not supported (environment)
Potatoes	Annual grasses and broadleaf weeds (in crop)	Boomspray	Not supported (environment)
	Annual grasses and broadleaf weeds (pre-harvest weed control)		Not supported (environment)
	General weed control (pre-crop)		Not supported (environment)



Crop use or situation	Weeds controlled / Use	Application method	Assessment outcome (risk area)
Prevention of annual ryegrass toxicity	Annual ryegrass. Spray top, graze to destroy seed heads	Boomspray	Not supported (environment)
Rice	Pre-sowing annual grass and broadleaf weed control	Boomspray	Not supported (environment)
	post-sowing, pre-crop emergence annual grass and broadleaf weed control		Supported up to 231 g ac/ha per season
Row crops, vegetables, market gardens	Older weeds	Inter-row spray	Not supported (environment)
	Post-emergence, post-emergence and inter-row weed control		Not supported (environment)
Spray topping to reduce seed set (field peas, lupins, lentils, chickpeas, faba beans, vetch)	Annual ryegrass	Boomspray	Supported up to 149 g ac/ha per season
Spray topping to reduce seed set (pastures)	Grasses generally (particularly annual ryegrass)	Boomspray	Not supported (environment)
	Saffron thistle		
Sugarcane (plant and ratoon)	Grasses and some broadleaf weeds	Boomspray	Not supported (environment)
		Directed interrow spray (droppers/shields/leaf deflectors)	

## Registered chemical products containing diquat, paraquat plus diquat, paraquat or paraquat plus amitrole

Registration number	Product name	Holder	Active constituents
46534	Reglone Non-Residual Herbicide	Syngenta Australia Pty Ltd	Diquat 200 g/L
58411	Imtrade Diquat 200 Non-Residual Herbicide	Imtrade Australia Pty Ltd	Diquat 200 g/L
58833	Conquest Sanction 200 Non-Residual Herbicide	Conquest Crop Protection Pty Ltd	Diquat 200 g/L
59332	Kenso Agcare Diquat 200 Herbicide	Kenso Corporation (M) Sdn. Bhd.	Diquat 200 g/L
60297	Dia-Kill 200 Herbicide	Sinon Australia Pty Ltd	Diquat 200 g/L
63173	Accensi Diquat 200 Non-Residual Herbicide	Accensi Pty Ltd	Diquat 200 g/L
64177	Titan Diquat 200 Non-Residual Herbicide	Titan Ag Pty Ltd	Diquat 200 g/L
64311	Farmalinx Diquat 200 Herbicide	Farmalinx Pty Ltd	Diquat 200 g/L
64889	Genfarm Diquat 200 Non-Residual Herbicide	Nutrien Ag Solutions Limited	Diquat 200 g/L
65909	Rainbow Diquat 200 Non-Residual Herbicide	Shandong Rainbow International Co Ltd	Diquat 200 g/L
66064	KDPC Desiquat Non-Residual Herbicide	KD Plant Care Pty Ltd	Diquat 200 g/L
68432	Ozcrop Diquat 200 Herbicide	Oz Crop Pty Ltd	Diquat 200 g/L
81984	AQ 200 Aquatic Herbicide	Aquatic Site Maintenance Pty Ltd	Diquat 200 g/L
82741	Water Treats Aquatic Weed Killer	Clearwater Lakes And Ponds Pty Ltd	Diquat 200 g/L
83557	Apparent Diquat 200 Herbicide	Titan Ag Pty Ltd	Diquat 200 g/L
84436	4Farmers Diquat 200 Herbicide	4 Farmers Australia Pty Ltd	Diquat 200 g/L
88533	Barmac Diquat 200 Herbicide	Amgrow Pty Ltd	Diquat 200 g/L
88796	Foison Diquat 200SL Herbicide	Foison Scitech Co., Limited	Diquat 200 g/L
89075	Agrevo Diquat 200SL Herbicide	Agrevo Australia Pty Ltd	Diquat 200 g/L
89724	Relyon Diquat 200 Non-Residual Herbicide	Nutrien Ag Solutions Limited	Diquat 200 g/L

Registration number	Product name	Holder	Active constituents
90843	Slash 200 SL Herbicide	Asiatic Agricultural Industries Pte Ltd	Diquat 200 g/L
92386	KELPIE DIQUAT 200SL Herbicide	SINOCHEM INTERNATIONAL AUSTRALIA PTY. LTD.	Diquat 200 g/L
59878	Genfarm Di-Par 250 Herbicide	Nutrien Ag Solutions Limited	Diquat 115 g/L paraquat 135g/L
59879	Farmoz Spray & Sow Herbicide	ADAMA Australia Pty Limited	Diquat 115 g/L paraquat 135g/L
60287	Combik 250 Herbicide	Sinon Australia Pty Limited	Diquat 115 g/L paraquat 135 g/L
61460	Alarm Herbicide	Sipcam Pacific Australia Pty Ltd	Diquat 115 g/L paraquat 135 g/L
61860	Titan Eos Herbicide	Titan Ag Pty Ltd	Diquat 115 g/L paraquat 135 g/L
62495	Sanonda Paraquat/Diquat Herbicide	Sanonda (Australia) Pty Ltd	Diquat 115 g/L paraquat 135 g/L
62631	Accensi Paraquat/Diquat 250 Herbicide	Accensi Pty Ltd	Diquat 115 g/L paraquat 135 g/L
63274	Uni-Spray 250 Herbicide	UPL Australia Pty Ltd	Diquat 115 g/L paraquat 135 g/L
63565	Ozcrop Blowout Herbicide	Oz Crop Pty Ltd	Diquat 115 g/L paraquat 135 g/L
64325	Farmalinx Paradat Herbicide	Farmalinx Pty Ltd	Diquat 115 g/L paraquat 135 g/L
64549	Naadco Paraquat Diquat 250 Herbicide	New Australia Agricultural Development Company Pty Ltd	Diquat 115 g/L paraquat 135 g/L
64704	Fosterra Paraquat / Diquat Herbicide	Fosterra Pty Ltd	Diquat 115 g/L paraquat 135g/L
64802	Kwicknock 250 Herbicide	Grow Choice Pty Ltd	Diquat 115 g/L paraquat 135 g/L
65295	Rainbow Diqu-Para 250 Herbicide	Shandong Rainbow International Co Ltd	Diquat 115 g/L paraquat 135 g/L
65708	Pacific Diquat/Paraquat 250 Herbicide	Pacific Agriscience Pty Ltd	Diquat 115 g/L paraquat 135 g/L
66197	Unispray 250 Herbicide	UPL Australia Pty Ltd	Diquat 115 g/L paraquat 135 g/L

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Registration number	Product name	Holder	Active constituents
66327	AW Dismantle Herbicide	Agri West Pty Ltd	Diquat 115 g/L paraquat 135 g/L
66788	Agro-Essence Paraquat+Diquat 250 Herbicide	Agro-Alliance (Australia) Pty Ltd	Diquat 115 g/L paraquat 135 g/L
67399	Easyfarm Paraquat-Diquat 250 Herbicide	Easyfarm Pty Ltd	Diquat 115 g/L paraquat 135 g/L
67627	Apparent Weedy Seedy 250 Herbicide	Titan Ag Pty Ltd	Diquat 115 g/L paraquat 135 g/L
67707	Smart Combination 250 Herbicide	Crop Smart Pty Ltd	Diquat 115 g/L paraquat 135 g/L
67891	Spalding Exocet 250 Herbicide	DGL Environmental Pty Ltd	Diquat 115 g/L paraquat 135 g/L
68075	Ezycrop Paraquat-Diquat 250 Herbicide	Ezycrop Pty Ltd	Diquat 115 g/L paraquat 135 g/L
68202	Novaguard Paraquat-Diquat 250 Herbicide	Novaguard Pty Ltd	Diquat 115 g/L paraquat 135 g/L
68280	Agro Burner 250 Herbicide	Agrogill Chemicals Pty Ltd	Diquat 115 g/L paraquat 135 g/L
68479	Agmate Paraquat & Diquat 250 SL Herbicide	Agcare Pty Ltd	Diquat 115 g/L paraquat 135 g/L
80357	Agvantage Di-Par 250 Herbicide	Nutrien Ag Solutions Limited	Diquat 115 g/L paraquat 135 g/L
81790	Relyon Di-Par 250 SC Herbicide	Nutrien Ag Solutions Limited	Diquat 115 g/L paraquat 135 g/L
83169	Barmac Paraquat/Diquat 250 Herbicide	Amgrow Pty Ltd	Diquat 115 g/L paraquat 135 g/L
83923	Accensi Paraquat / Diquat Prime 250 Herbicide	Accensi Pty Ltd	Diquat 115 g/L paraquat 135 g/L
85112	Raystar Paraquat Diquat SL Herbicide	Raystar Cropprotection Pty Ltd	Diquat 115 g/L paraquat 135 g/L
86758	Acp Paraquat - Diquat 250 Herbicide	Australis Crop Protection Pty Ltd	Diquat 115 g/L paraquat 135 g/L
89832	Genfarm Di-Par 250 SC Herbicide	Nutrien Ag Solutions Limited	Diquat 115 g/L paraquat 135 g/L
89918	Trio Paraquat Diquat 250 SL Herbicide	CTS Chemicals Pty Ltd	Diquat 115 g/L paraquat 135 g/L

Registration number	Product name	Holder	Active constituents
90172	Cropsure Squadron 250 Herbicide	Cropsure Pty Ltd	Diquat 115 g/L paraquat 135 g/L
91135	Agmerch Paraquat 135 & Diquat 115 Herbicide	Agmerch Pty Ltd	Diquat 115 g/L paraquat 135 g/L
42635	Farmoz Spraytop Herbicide	ADAMA Australia Pty Ltd	Paraquat 200 g/L
46531	Gramoxone 250 Herbicide	Syngenta Australia Pty Ltd	Paraquat 250 g/L
48760	Uniquat 250 Herbicide	UPL Australia Pty Ltd	Paraquat 250 g/L
51958	Accensi Paraquat 250 Herbicide	Accensi Pty Ltd	Paraquat 250 g/L
52141	Kendon Sprayquat 250 Herbicide	Kendon Chemicals & Mnfg Co Pty Ltd	Paraquat 250 g/L
53221	Nufarm Nuquat 250 Non-Residual Knockdown Herbicide	Nufarm Australia Limited	Paraquat 250 g/L
53381	Imtrade Paraquat 250 Herbicide	Imtrade Australia Pty Ltd	Paraquat 250 g/L
53919	Shirquat 250 Herbicide	Nufarm Australia Limited	Paraquat 250 g/L
54520	Halley Paraquat 250 Herbicide	Halley International Enterprise (Australia) Pty Ltd	Paraquat 250 g/L
54522	Spraytop 250 SL Herbicide	ADAMA Australia Pty Ltd	Paraquat 250 g/L
56102	Kenso Agcare Para-Ken 250 Herbicide	Kenso Corporation (M) Sdn. Bhd.	Paraquat 250 g/L
57817	Conquest Explode 250 Herbicide	Conquest Crop Protection Pty Ltd	Paraquat 250 g/L
58734	4Farmers Paraquat 250 Herbicide	4 Farmers Australia Pty Ltd	Paraquat 250 g/L
58841	Genfarm Paraquat 250 Herbicide	Nutrien Ag Solutions Ltd	Paraquat 250 g/L
58992	Sinmosa 250 Herbicide	Sinon Australia Pty Ltd	Paraquat 250 g/L
59078	Rygel Paraquat 250 Herbicide	Profeng Australia Pty Ltd	Paraquat 250 g/L
59419	Inferno Herbicide	Sipcam Pacific Australia Pty Ltd	Paraquat 250 g/L
61254	Biotis Paraquat 250 Herbicide	Biotis Life Science Pty Ltd	Paraquat 250 g/L
61869	Titan Paraquat 250 Herbicide	Titan Ag Pty Ltd	Paraquat 250 g/L
62096	Choice Paraquat 250 Herbicide	Grow Choice Pty Ltd	Paraquat 250 g/L

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Registration number	Product name	Holder	Active constituents
62540	Chemforce Paraquat 250 Herbicide	Chemforce 2010 Pty Ltd	Paraquat 250 g/L
63090	Ozcrop Paraquat 250 Herbicide	Oz Crop Pty Ltd	Paraquat 250 g/L
64281	Farmalinx Parquat 250 Herbicide	Farmalinx Pty Ltd	Paraquat 250 g/L
64588	Smart Paraquat 250 Herbicide	Crop Smart Pty Ltd	Paraquat 250 g/L
64651	Rc Paraquat 250 Herbicide	Ruralchem Pty Ltd	Paraquat 250 g/L
64706	Fosterra Paraquat 250 Herbicide	Fosterra Pty Ltd	Paraquat 250 g/L
64731	Agro-Essence Paraquat 250SL	Agro-Alliance (Australia) Pty Ltd	Paraquat 250 g/L
65148	Trio Paraquat 250 Herbicide	CTS Chemicals Pty Ltd	Paraquat 250 g/L
65149	Pro Paraquat 250 Herbicide	Australian Progressive Supplies Pty Ltd	Paraquat 250 g/L
65524	Proterra Paraquat 250 Herbicide	Proterra Pty Ltd	Paraquat 250 g/L
65537	Sanonda Herbicide Paraquat 250sl	Sanonda (Australia) Pty Ltd	Paraquat 250 g/L
65694	Rainbow Paraquat 250 Sl Herbicide	Shandong Rainbow International Co Ltd	Paraquat 250 g/L
65713	Pacific Paraquat 250 Herbicide	Pacific Agriscience Pty Ltd	Paraquat 250 g/L
66103	Apparent Paraquat 250 Herbicide	Titan Ag Pty Ltd	Paraquat 250 g/L
66249	AW Putout 250 Herbicide	Agri West Pty Ltd	Paraquat 250 g/L
66309	Huilong Paraquat 250 Herbicide	Huilong Agrochemicals Australia Pty Ltd	Paraquat 250 g/L
66531	ACP Paraquat 250 Herbicide	Australis Crop Protection Pty Ltd	Paraquat 250 g/L
66548	Echem Paraquat 250 Herbicide	Echem (Aust) Pty Ltd	Paraquat 250 g/L
67163	Easyfarm Paraquat 250 SL Herbicide	Easyfarm Pty Ltd	Paraquat 250 g/L
67307	AC Piston 250 Herbicide	Axichem Pty Ltd	Paraquat 250 g/L
67437	Agroquat 250 Herbicide	Agrogill Chemicals Pty Ltd	Paraquat 250 g/L
67888	Spalding Paraquat 250 Herbicide	DGL Environmental Pty Ltd	Paraquat 250 g/L

Registration number	Product name	Holder	Active constituents
67977	Ezycrop Paraquat 250 SL Herbicide	Ezycrop Pty Ltd	Paraquat 250 g/L
68196	Novaguard Paraquat 250 SL Herbicide	Novaguard Pty Ltd	Paraquat 250 g/L
68477	Agmate Paraquat 250 SL Herbicide	Agcare Pty Ltd	Paraquat 250 g/L
69274	Sabakem Paraquat 250SL Herbicide	Sabakem Pty Ltd	Paraquat 250 g/L
69382	JNO Paraquat 250 Herbicide	JNO Investment Holdings Pty Ltd	Paraquat 250 g/L
69712	Paradox 250 Herbicide	Sinon Australia Pty Ltd	Paraquat 250 g/L
69833	Macro Protect Paraquat 250 SL Herbicide	Nutrien Ag Solutions Limited	Paraquat 250 g/L
69986	Agvantage Paraquat 250 SL Herbicide	Nutrien Ag Solutions Limited	Paraquat 250 g/L
81797	Relyon Paraquat 250 Herbicide	Nutrien Ag Solutions Limited	Paraquat 250 g/L
82754	Agritrading Paraquat 250 Herbicide	Agritrading Pty Limited	Paraquat 250 g/L
83115	Kelpie Par-Q 250 Herbicide	Sinochem International Australia Pty Ltd	Paraquat 250 g/L
83170	Barmac Paraquat 250 Herbicide	Amgrow Pty Ltd	Paraquat 250 g/L
84794	Agmerch Paraquat 250 SL Herbicide	Agmerch Pty Ltd	Paraquat 250 g/L
85420	Hemani Paraquat 250 SL Herbicide	Hemani Australia Pty Ltd	Paraquat 250 g/L
87370	Kelpie P-Quat 250 SL Herbicide	Sinochem International Australia Pty Ltd	Paraquat 250 g/L
88941	Genfarm Paraquat 250 SL Herbicide	Nutrien Ag Solutions Limited	Paraquat 250 g/L
88944	Relyon Paraquat 250 SL Herbicide	Nutrien Ag Solutions Limited	Paraquat 250 g/L
89076	F.S.A. Paraquat 250 Herbicide	Four Seasons Agribusiness Pty Ltd	Paraquat 250 g/L
89672	Relyon Para 250 Herbicide	Nutrien Ag Solutions Limited	Paraquat 250 g/L
89808	Genfarm Para 250 SL Herbicide	Nutrien Ag Solutions Limited	Paraquat 250 g/L

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Registration number	Product name	Holder	Active constituents
89809	Relyon Para 250 SL Herbicide	Nutrien Ag Solutions Limited	Paraquat 250 g/L
90155	Cropsure Parashot 250 Herbicide	Cropsure Pty Ltd	Paraquat 250 g/L
91098	Sanonda Paraquat 250 Herbicide	Sanonda (Australia) Pty Ltd	Paraquat 250 g/L
91833	JN PARAQUAT 250 HERBICIDE	JIANGSU NOON CROP SCIENCE CO., LTD	Paraquat 250 g/L
91989	Red Dog Paraquat 250 Herbicide	OZ CROP PTY LTD	Paraquat 250 g/L
92586	Weed Force Dagger 250 Knockdown Herbicide	WEED FORCE PTY LTD	Paraquat 250 g/L
92841	Submarino Paraquat 250 SL Herbicide	SUBMARINO PTY LTD	Paraquat 250 g/L
93958	Swan Paraquat 250 Herbicide	SWAN CHEMICAL HOLDINGS PTY LTD	Paraquat 250 g/L
69502	Cruze 300 Herbicide	DGL Environmental Pty Ltd	Paraquat 300 g/L
70143	Farmalinx Powerquat 300 SL Herbicide	Farmalinx Pty Ltd	Paraquat 300 g/L
83185	Accensi Paraquat 300 Herbicide	Accensi Pty Ltd	Paraquat 300 g/L
85110	Kelpie P-Quat 300 SL Herbicide	Sinochem International Australia Pty Ltd	Paraquat 300 g/L
85169	Conquest Explode 300 Plus Herbicide	Conquest Crop Protection Pty Ltd	Paraquat 300 g/L
87191	4Farmers Paraquat 300 Herbicide	4 Farmers Australia Pty Ltd	Paraquat 300 g/L
89981	Smart Paraquat 300 Herbicide	Crop Smart Pty Ltd	Paraquat 300 g/L
90742	Agro-Essence Paraquat 300 Herbicide	Agro-Alliance (Australia) Pty Ltd	Paraquat 300 g/L
87665	Spraytop 330 Herbicide	ADAMA Australia Pty Ltd	Paraquat 330 g/L
64430	Kenso Agcare Para-Ken 334 Herbicide	Kenso Corporation (M) Sdn. Bhd.	Paraquat 334 g/L
83010	Paraquick Force 350 Herbicide	Nutrien Ag Solutions Limited	Paraquat 350 g/L
68577	Gramoxone 360 Pro Herbicide	Syngenta Australia Pty Ltd	Paraquat 360 g/L



Registration number	Product name	Holder	Active constituents
83835	Rainquat Full Herbicide	Shandong Rainbow International Co Ltd	Paraquat 360 g/L
86364	Genfarm Paraquat 360 Herbicide	Nutrien Ag Solutions Limited	Paraquat 360 g/L
86801	Ozcrop Paraquat 360 SL Herbicide	Oz Crop Pty Ltd	Paraquat 360 g/L
87228	Relyon Paraquat 360 Herbicide	Nutrien Ag Solutions Limited	Paraquat 360 g/L
87259	Conquest Explode 360 Herbicide	Conquest Crop Protection Pty Ltd	Paraquat 360 g/L
87271	ACP Paraquat 360 Herbicide	Australis Crop Protection Pty Ltd	Paraquat 360 g/L
87424	Titan Paraquat 360 Herbicide	Titan Ag Pty Ltd	Paraquat 360 g/L
89872	Relyon Paraquat 360 Herbicide	Nutrien Ag Solutions Limited	Paraquat 360 g/L
91705	CropSure Parashot Plus 360 Herbicide	Cropsure Pty Ltd	Paraquat 360 g/L
93182	Sabakem Paraquat 360SL Herbicide	SABAKEM PTY LTD	Paraquat 360 g/L
93444	eChem Paraquat 360 Herbicide	ECHEM (AUST) PTY LIMITED	Paraquat 360 g/L
94216	F.S.A. Paraquat 360 Herbicide	FOUR SEASONS AGRIBUSINESS PTY LTD	Paraquat 360 g/L
67344	Imtrade Para-Trooper Herbicide	Imtrade Australia Pty Ltd	Paraquat 250 g/L, amitrole 10 g/L
89484	Imtrade Guerrilla Herbicide	Imtrade Australia Pty Ltd	Paraquat 300 g/L, amitrole 12 g/L