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

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Assistant Director, Communications
Australian Pesticides and Veterinary Medicines Authority
GPO Box 3262
Sydney NSW 2001 Australia

Telephone: +61 2 6770 2300

Email: communications@apvma.gov.au.

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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) |
| 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 (Onopordumacanthium) | 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 renovationand 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 |
| 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) |
| 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 *(Lolium rigidum),* barley grass *(Hordeum spp.),* brome grass *(Bromus spp.)*, volunteer cereals, wild oats *(Avena spp.)* | Boomspray | Supported up to 175 g/ha of combined active constituents per season (700 mL of product/ha) |
| Vulpia (silver grass, sand fescue) *(Vulpia spp.)* |
| Seedling brassica weeds |
| Other seedling broadleaved weeds |
| Deadnettle *(Lamium amplexicaule)*, fumitory *(Fumitory spp.)*, melilotus *(Melilotus spp.)*, pimpernel *(Anagallis spp.)*, poppy *(Papaver spp.)*, saffron thistle *(Carthmus lanatus)*, sheepweed *(Buglossoides arvensis)* |
| Paterson's curse *(echium plantagineum)* |
| Wireweed *(Polygonum aviculare)* |
| Marshmallow *(Malva parviflora)* |
| Volunteer beans, peas and lupins |
| Paterson's curse *(echium plantagineum)* |
| Aid to cultivation (Southern Australia – fallow/minimum disturbance) | Seedling grasses: Annual ryegrass *(Lolium rigidum),* barley grass *(Hordeum spp.),* brome grass *(Bromus spp.)*, volunteer cereals, wild oats *(Avena spp.)* | Boomspray | Not supported (environment) |
| Seedling Grasses: Annual ryegrass *(Lolium rigidum),* barley grass *(Hordeum spp.),* brome grass *(Bromus spp.)*, volunteer cereals, wild oats *(Avena spp.)* |
| Vulpia (silver grass, sand fescue) *(Vulpia spp.)* |
| Seedling brassica weeds |
| Other seedling broadleaved weeds |
| Deadnettle *(Lamium amplexicaule)*, fumitory *(Fumitory spp.)*, melilotus *(Melilotus spp.)*, pimpernel *(Anagallis spp.)*, poppy *(Papaver spp.)*, saffron thistle *(Carthmus lanatus)*, sheepweed *(Buglossoides arvensis)* |
| Wireweed *(Polygonum aviculare)* |
| Marshmallow *(Malva parviflora)* |
| Volunteer beans, peas and lupins |
| Medic *(Medicago spp.)*, sub-clover *(Trifolium subterraneum)* |
| Sub-clover *(Trifolium subterraneum) –* split application |
| Perennial ryegrass *(Lolium perenne)* – split application |
| Most annual weeds – split application |
| Potato weed *(Heliotropium europaeum)* |
| Aid to cultivation (Northern Australia – full disturbance) | Seedling grasses | Boomspray | Not supported (environment) |
| Sorghum *(Sorghum bicolour)*, stink grass *(Eragrostis cilianensis)* |
| Seedling broadleaved weeds |
| Native jute *(Corchorus trilocularis)* |
| Annual ground cherry (*Physalis angulata*), turnip weed *(Rapistrum rugosum)* |
| Boggabri *(Amaranthus mitchellii)*, hexham scent *(Melilotus indicus)*, wild carrot *(Daucus glochidiatus)*, speedy weed *(Flaveria australasica)* |
| Aid to cultivation (Northern Australia – fallow/minimum disturbance) | Seedling grasses | Boomspray | Not supported (environment) |
| Seedling broadleaved weeds |
| Volunteer cotton (including Roundup® ready cotton) *(Gossypium hirsulum)* |
| Boggabri *(Amaranthus mitchellii)*, hexham scent *(Melilotus indicus)*, wild carrot *(Daucus glodcidiatus),* phyllanthus *(Phyllanthus spp.)* |
| Aid in post-harvest weed control (Northern Australia – after winter cereals) | Volunteer barley *(Hordeum vulgare),* volunteer wheat *(Triticum aestivum),* bladder ketmia *(Hibiscus trionum),* milk thistle *(Sonchus oleraceus),* New Zealand spinach *(Tetragonia tetragonioides)* | Boomspray | Not supported (environment) |
| Sugarcane – establishment and fallows prior to planting | Seedling grasses: (not regrowth or rhizomes) barnyard grass (*Echinochloa spp.)*, Liverseed grass *(Urochloa panicoides)*, stink grass *(Eragrostis cilianensis)* | Boomspray | Not supported (environment) |
| Seedling broadleaved weed | Not supported (environment) |
| Seedling phyllanthus *(Phylanthus spp.)* | Not supported (environment) |
| Mature grasses, broadleaf weeds and Phyllanthus (*Phylanthus spp*.) | Boomspray | Not supported (environment) |
| Sugarcane – plant and ratoon | Most seedling broadleaf Weeds including sicklepod *(Senna (Cassia) obtusifolia),* bluetop *(Ageratum houstonianum), p*hyllanthus *(Phyllanthus spp.), c*alopo *(Calapogonium muconoides)* | Boomspray or directed interrow spray | Not supported (environment, residues [post-emergent boomspray]) |
| Most seedling grasses including awnless barnyard grass *(Echinochloa colona)*, summer grass *(Digitaria ciliaris),g*uinea grass *(Panicum maximum),h*amil grass *(Panicum maximum cv Hamil),g*reen summer grass *(Brachiaria miliiformis)* |
| 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 todigging – most annual grasses and broadleaved weeds | High volume or power sprayer  |
| 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 *(Melaleuca alternifolia)* | 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 – winter crops (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 – summer crops (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 maintainence | 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 toeliminate fire hazard or assistfirebreak burn | Boomspray | Not supported (environment) |
| Hay freezing | Maximum retention of proteinin 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) |
|  |
|  |
|  |
| 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) |  |
|  |  |
|  |
| \*\* 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, storksbills, sub clover, thistles (artichoke, milk/sow, spear, stemless, variergated), three cornered jack, volunteer cotton, volunteer canola, wireweed, wild lettuce |  |

# 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, yelllow 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 |  |
| 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) |  |
| *Datura* 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) |  |
| 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 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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, amitrole10 g/L  |
| 89484 | Imtrade Guerrilla Herbicide | Imtrade Australia Pty Ltd | Paraquat 300 g/L, amitrole 12 g/L  |