

Product Name: Albaugh Hyperion 500 SL Herbicide
APVMA Approval No: 94245/141895



Label Name:	Albaugh Hyperion 500 SL Herbicide
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Signal Headings:	POISON KEEP OUT OF REACH OF CHILDREN READ SAFETY DIRECTIONS BEFORE OPENING OR USING
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Constituent Statements:	ACTIVE CONSTITUENT: 500 g/L DICAMBA PRESENT AS THE DIMETHYLAMINE SALT
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Mode of Action:	GROUP 4 HERBICIDE
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Statement of Claims:	For the control of certain broadleaf weeds in winter cereals, pastures, conservation tillage, sugar cane, turf, rice, pine plantations and non-crop areas
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Net Contents:	NET CONTENTS: 2.5 L - 1000 L
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Restraints:	<p>RESTRAINTS:</p> <p>DO NOT spray when rain seems likely to occur within 4 hours. DO NOT spray when weeds are wet with dew or rain or under stress from drought, low soil fertility, extreme cold or water logging. DO NOT spray outside recommended crop growth as crop damage may result. DO NOT apply to crops or pastures with clover, lucerne or medics.</p> <p>ADDITIONAL RESTRAINTS FOR CONSERVATION TILLAGE</p> <ul style="list-style-type: none">• When grass and broadleaf weeds are present, use a mixture of ALBAUGH HYPERION 500 SL HERBICIDE and GLYPHOSATE 450 HERBICIDE.• DO NOT disturb treated weeds by cultivation, sowing or grazing for 1 day after treatment of annual weeds and 7 days for perennial weeds.• DO NOT treat weeds heavily covered with dust or silt.• DO NOT apply if rainfall is likely within 6 hours of application.• Observe plant back periods listed under General Instructions.• When applying to dry soil surfaces, at least 15mm rainfall is required before the plant backperiod begins.
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SPRAY DRIFT RESTRAINTS

Specific definitions for terms used in this section of the label can be found at apvma.gov.au/spraydrift

DO NOT allow bystanders to come into contact with the spray cloud.

DO NOT apply in a manner that may cause an unacceptable impact to native vegetation, agricultural crops, landscaped gardens and aquaculture production, or cause contamination of plant or livestock commodities, outside the application site from spray drift. Wherever possible, correctly use application equipment designed to reduce spray drift and apply when the wind direction is away from these sensitive areas.

DO NOT apply unless the wind speed is between 3 and 20 kilometres per hour at the application site during the time of application.

DO NOT apply if there are hazardous surface temperature inversion conditions present at the application site during the time of application. Surface temperature inversion conditions exist most evenings one to two hours before sunset and persist until one to two hours after sunrise.

Directions for Use:

This section contains file attachment.

Other Limitations:

Withholding Periods:

WITHHOLDING PERIODS:
FORESTRY APPLICATIONS: NOT REQUIRED WHEN USED AS DIRECTED
ALL OTHER USES: DO NOT HARVEST, GRAZE OR CUT FOR STOCK FOOD FOR 7 DAYS AFTER APPLICATION.

Trade Advice:

General Instructions:

This section contains file attachment.

Resistance Warning:

RESISTANT WEEDS WARNING GROUP 4 HERBICIDE

ALBAUGH HYPERION 500 SL HERBICIDE is a member of the Benzoic acid group of herbicides. ALBAUGH HYPERION 500 SL HERBICIDE has the Disruptor of plant cell growth mode of action. For weed resistance management ALBAUGH HYPERION 500 SL HERBICIDE is a Group 4 Herbicide. Some naturally-occurring weed biotypes resistant to ALBAUGH HYPERION 500 SL HERBICIDE and other Group 4 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 ALBAUGH HYPERION 500 SL HERBICIDE or other Group 4 Herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, ALBAUGH ASIA PACIFIC LIMITED accepts no liability for any losses that may result from the failure of ALBAUGH HYPERION 500 SL HERBICIDE to control resistant weeds.

Precautions:

<p>Protections:</p>	<p>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. Spray equipment must be calibrated accurately prior to working on crops. Keep container sealed (airtight) when not in use. Avoid spray drift and vapour movement onto susceptible crops such as cotton, tobacco, tomatoes, vines, lupins, fruit trees and ornamentals. DO NOT apply this product on or near desirable trees or plants or in locations where the chemical may be washed or moved into contact with their roots. All spray equipment must be thoroughly washed out after use and must not be used for spraying horticultural crops. DO NOT use at higher rate than recommended.</p> <p>PROTECTION OF LIVESTOCK, WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT DO NOT use container for any other purpose. DO NOT contaminate streams, rivers or watercourses with the chemical or used containers.</p>
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<p>Storage and Disposal:</p>	<p>STORAGE AND DISPOSAL Keep out of reach of children. Store in the closed, original container in a cool, well-ventilated area. Do not store for prolonged periods in direct sunlight. Triple-rinse containers before disposal. Add rinsings to spray tank. Do not dispose of undiluted chemicals on site. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, break, crush, or puncture and deliver empty packaging to an approved waste management facility. If an approved waste management facility is not available, bury the empty packaging 500mm below the surface in a disposal pit specifically marked and set up for this purpose, clear of waterways, desirable vegetation and tree roots, in compliance with relevant local, state or territory government regulations. Do not burn empty containers or product.</p>
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<p>Safety Directions:</p>	<p>SAFETY DIRECTIONS: May irritate the eyes and skin. Avoid contact with eyes and skin. When opening the container and preparing spray wear-elbow length PVC gloves and face shield or goggles. If product on skin, immediately wash area with soap and water. After each use and before eating, drinking or smoking, wash hands, arms, and face thoroughly with soap and water. After each day's use wash gloves and face shield or goggles and contaminated clothing.</p>
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<p>First Aid Instructions:</p>	<p>FIRST AID: If poisoning occurs, contact a doctor or Poisons Information Centre Phone Australia 13 11 26: New Zealand 0800 764 766.</p>
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<p>First Aid Warnings:</p>	
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DIRECTIONS FOR USE

CROP	WEEDS CONTROLLED	STATE	RATE	CRITICAL COMMENTS
Wheat, Oats, Barley, Triticale, Commercial Rye From 5 leaf to early tillering	Doublegee (Three Cornered Jack, Spiny Emex) Wireweed (Hogweed), Seedling Docks, Tares, Hexham Scent (Melilotus) Wild Turnip (<i>Brassica tournefortii</i>), Soldier Thistle, Mustards, Wild Radish, Capeweed, Common Ice-Plant, Charlock, Ward's Weed, Vetch, Turnip Weed (<i>Rapistrum rugosum</i>)	All States	160mL/ha plus 700mL/ha of MCPA 500 HERBICIDE	Spray when most weeds have germinated and are in the 2-4 leaf stage. In some instances suppression only of Wireweed (Hogweed) and Capeweed will occur.
Wheat, Oats, Barley, Triticale, Commercial Rye From 5 leaf early tillering stage until the fully tillered stage and before jointing occurs (Z15, 21-30)	Doublegee (Three Cornered Jack, Spiny Emex), Wireweed, Vetch, Variegated Thistle, Tares, Sunflower, Hexham scent (Melilotus), Docks	SA only	280mL/ha	Spray when most weeds have germinated and are still in the young rosette stage. When weeds do not form a rosette, spray when they have not more than 8 true leaves. In some instances suppression only of Wireweed (Hogweed) and Climbing Buckwheat (Black Bindweed) will occur.
	Doublegee (Three Cornered Jack, Spiny Emex), Climbing Buckwheat (Black Bindweed), Clover, Hexham scent (Melilotus), Docks	WA only		
	New Zealand Spinach, Climbing buckwheat (Black Bindweed), Doublegee (Three Cornered Jack, Spiny Emex), Wireweed (Hogweed), Hexham scent (Melilotus), Docks, Clover, Fat hen, Variegated Thistle, Scotch (Cotton or Woolly) Thistle, Sunflowers, Vetch, Tree Hogweed	Qld, NSW, Vic only		
	Wild Turnip (<i>Brassica tournefortii</i>), Radish, Mustards, Tares, Charlock, Capeweed, Sorrel, Saffron thistle, Chickweed, Clover, Common ice-plant, Hoary Cress, Ward's Weed, Turnip weed (<i>Rapistrum rugosum</i>)	SA only	280mL/ha plus 1L/ha of MCPA 500 HERBICIDE or 560mL/ha of 2,4-D 6 SELECTIVE HERBICIDE	Do not use ALBAUGH HYPERION 500 SL HERBICIDE plus 2,4-D in Oats in SA. If any of these weeds are found in these cereal crops as well as the above weeds, the addition of MCPA OR 2,4-D is essential. Spray when most weeds have germinated and are still in the young rosette stage. In some instances, suppression only of Wireweed (Hogweed), Capeweed and Hoary Cress will occur. A mixture with 2,4-D must not be used in Tasmania.
	Common Ice-Plant	WA only	320mL/ha plus 640mL/ha of 2,4-D 625 SELECTIVE HERBICIDE	
Chickweed, Sorrel, Wireweed	WA only	400mL/ha or 280mL/ha plus 640mL/ha of 2,4-D 625 SELECTIVE HERBICIDE or 280mL/ha plus 1.2L/ha of MCPA 500 HERBICIDE		

CROP	WEEDS CONTROLLED	STATE	RATE	CRITICAL COMMENTS
	Mintweed	NSW, Qld only	280mL/ha plus 1.2L/ha of MCPA 500 SELECTIVE HERBICIDE or 280mL/ha plus 560mL/ha of 2,4-D	
	Wild Turnip (<i>Brassica tournefortii</i>), Radish, Mustards, Tares, Charlock, Capeweed, Sorrel, Saffron Thistle, Chickweed, Turnip Weed (<i>Rapistrum rugosum</i>)	Qld, Vic NSW, Tas only	625 SELECTIVE HERBICIDE	

CROP	WEEDS CONTROLLED	STATE	RATE	CRITICAL COMMENTS
Wheat, Barley, Triticale, Commercial Rye From early tillering (4-5 fully emerged main stem leaves, plus one or more tillers) until fully tillered and before the start of jointing (Z21-30)	Climbing Buckwheat (Black Bindweed), Deadnettle, Turnip Weed (<i>Rapistrum rugosum</i>), Wireweed, Wild Turnip (<i>Brassica tournefortii</i>)	NSW, Qld only	200-280mL/ha plus 5-7g/ha METSULFURON 600 WG HERBICIDE	Spray when weeds have no more than 8 true leaves. Use higher rate on larger weeds. Tank mixes of ALBAUGH HYPERION 500 SL SELECTIVE HERBICIDE and METSULFURON 600 WG HERBICIDE may result in reduced control of Wireweed in some situations.
Barley, Triticale, Commercial Rye From 5 leaf until fully tillered and before jointing occurs (Z21-30)	Volunteer Peas	SA only	60mL/ha plus 1L/ha DICAMBA + MCPA 420 SL SELECTIVE HERBICIDE	Apply when most peas are 5-7cm high.
Wheat, Oats From 5 leaf until fully tillered and before jointing occurs (Z15-30)			120mL/ha plus 1L/ha DICAMBA M 420SL SELECTIVE HERBICIDE.	

CROP	WEEDS CONTROLLED	STATE	RATE	CRITICAL COMMENTS
Rice Pre - Sowing Post - Sowing either before permanent water or until rice is at the mid tillering stage	Dirty Dora, Docks, Sedges, Starfruit	NSW, NT only	400mL/ha - 560mL/ha	Pre-sowing: Apply before the end of August and do not cultivate or graze for 14 days after spraying. Post-sowing: Preferably apply before the application of permanent water. If permanent water has been applied ALBAUGH HYPERION 500 SL HERBICIDE can be applied up to the midtillering stage, provided the docks are exposed. Use 100L/ha for boom application.
<i>Pinus Radiata</i> Plantations At least 10 months prior to planting pines	Sorrel (in pastures to be planted to pines)	All States	1.1L/ha or 560mL/ha plus 1.1 L/ha 2,4-D 625 SELECTIVE HERBICIDE	Apply in September/October period before the sorrel flowers. Add 600g/L non-ionic wetting agent to the mixture.
	Naturally regenerated pines	SA, Vic, NSW only	2-8L/ha	Use the high rate where total control is essential. Apply in Spring.
Sugarcane Post-emergence	Bathurst Burr, Bellvine, Blackberry Nightshade, Calopo, Caltrop, Cleome, Cobbler's Pegs, Common Sow Thistle, Convolvulus, Fat Hen, Green Amaranth, Khaki Weed, Noogoora Burr, Parthenium Weed, Perennial Gooseberry, Pigweed, Pink Burr, Redroot Amaranth, Sensitive Plant, Sida- retusa, Tar Vine, Thickhead, Thornapple	NSW, Qld, WA, NT only	560mL/ha	Spray when most weeds have germinated and are in the young rosette stage or when they have not more than 8 true leaves. Method of Application: By boom spray as an overall directed spray, applying 100-250L of water per hectare or by aircraft applying 45L per hectare.

CROP	WEEDS CONTROLLED	STATE	RATE	CRITICAL COMMENTS
	Amaranthus, Black (Giant) Pigweed, Caltrop, Mintweed, Noogoora Burr, Pigweed, Thornapple (Datura)	NSW, Qld, NT only	280mL/ha plus 1.8L/ha Atrazine 500g/L or 320mL/ha plus 1.5L/ha Atrazine 500g/L	Apply when weeds have 3-5 true leaves. Do not apply in hot dry conditions. Apply by boom spray as an overall spray applying 50-250L of water per hectare. Use the higher rate ALBAUGH HYPERION 500 SL HERBICIDE where Caltrop is present.
Potatoes	Clover, Docks, Wireweed (Hogweed), Thistles, Chickweed, Climbing Buckwheat (Black Bindweed), Black Nightshade, Fat Hen	Tas only	500mL-1.2L/ha	Apply after haulm senescence in sufficient water to give even coverage. May be mixed with Amitrole T or 2,4-D to improve spectrum of weeds controlled. Refer to respective labels of these herbicides for application rates. Add suitable surfactant for improved coverage. NOTE: Do not apply when potato haulms are still green.

SITUATION	WEEDS CONTROLLED	STATE	RATE			CRITICAL COMMENTS
			Per ha	High Vol Per 100L	Per 15L Knapsack	
Grass Pastures and Perennial Grass	Cotton (Woolly or True Scotch) Thistle, Variegated Thistle, Star Thistle, Black or Spear Thistle, Illyrian Thistle, Doublegee (Three cornered Jack, Spiny Emex), Parthenium Weed, Smart-Weed (Water Pepper), Hexham Scent (Melilotus), Stemless Thistle, Caltrop (Yellow Vine), Horehound and <i>Rumex</i> spp, including Curled and Broadleaf Docks	All States	280-560mL for seedlings	40mL for seedlings	10mL for Seedlings	When applying by boom spray use 110 to 280 litres of mixture per hectare.
			560mL-1.1L for young mature plants	76mL for young mature plants	18mL for young mature plants	
	Common Ice-Plant, Hoary Cress, Sorrel and Saffron Thistle		280mL plus 640mL of 2,4-D 625 SELECTIVE HERBICIDE	20mL plus 50mL of 2,4-D 625 SELECTIVE HERBICIDE	6mL plus 12mL of 2,4-D 625 SELECTIVE HERBICIDE	
Non-Crop Situation	Annual Ragweed, Blue Heliotrope, Burr Ragweed, Galvanised Burr, Ground Cherry, Ox-Eye Daisy, Perennial Ragweed, Russian Knapweed, Skeleton Weed, Wild (Field or Crow) Garlic	All States	8.8L	600mL	130mL	Use a minimum of 1500L/ha water carrier. Add 600g/L non-ionic wetting agent to the mixture. Spray Russian Knapweed at flowering. Spray Angled Onion Weed, Bladder Campion, Ox-Eye Daisy and Paterson's Curse before flowering. Spray Wild Garlic during Spring before bulbs start to form and respray later if dormant bulbs shoot. Spray prior to flowering.
	California (Perennial or Canada) Thistle, Field Bindweed, Paterson's Curse, Prairie Ground Cherry, Ragwort, Stinking Mayweed (Foetid Chamomile)		4L	280mL	60mL	
	Afghan Thistle, Artichoke Thistle, Star Thistle		1.6L	100mL	24mL	
	Horehound, Angled Onion Weed (Three cornered Garlic), Bladder Campion, Cotton (Woolly or True Scotch) Thistle, Docks, Sorrel, Stemless Thistle, Variegated (or spotted) Thistle		1.2L	80mL	18mL	
	Illyrian Thistle, Parthenium Weed, Smart-Weed		600mL	40mL	10mL	

SITUATION	WEEDS CONTROLLED	STATE	RATE			CRITICAL COMMENTS
			Per ha	High Vol Per 100L	Per 15L Knapsack	
	Poverty Weed	SA only		2L	440mL	
	Mist Flower	Qld, NT only	12L	800mL	180mL	Blackberry Nightshade at seedling stage. For Creeping Knot Weed apply in early Summer to actively growing plants. For Slender Ice-Plant and Khaki Weed spray when actively growing at young rosette stage. For Rubber Vine apply in Autumn during active growth.
	Blackberry Nightshade	WA only	320-560mL		5-9mL	
	Creeping Knot Weed		1.2-2.4L		18-36mL	
	Slender Ice-Plant		320mL+ 640mL 2,4D 625 SELECTIVE HERBICIDE		6mL	
	Khaki Weed		600mL		9mL	
	Rubber Vine		1.4L		22mL	

SITUATION	WEEDS CONTROLLED	STATE	RATE			CRITICAL COMMENTS
			Per ha	High Vol Per 100L	Per 15L Knapsack	
Grass Pastures and Non- Crop	Rubber Vine	Qld, NT only	2-4L plus 2.5L of Estercide [†] 800	140-280mL plus 175mL of Estercide [†] 800	20-40mL plus 25mL of Estercide [†] 800	Apply during April or May. For application by misting machines. Add 600mL ALBAUGH HYPERION 500 SL HERBICIDE to 10L of water.
Turf	Catsear, Cudweeds, Pennyworth, Lamb's Tongue, Fleabanes, Fumitory, Wireweed, Chickweed, Cotula, Sorrel, Dock, Clovers, Capeweed, Toad Rush, Peppergrass, Dandelion, Medics, Scarlet pimpernel, Creeping Oxalis, Pearlwort, Trefoil, Yarrow, Bindy-Eye, Jo-Jo (Onehunga)	All States	1.2L plus 3.2L of 2,4-D 625 SELECTIVE HERBICIDE	80mL plus 200mL of 2,4-D 625 SELECTIVE HERBICIDE	18mL plus 50mL of 2,4-D 625 SELECTIVE HERBICIDE	Use a minimum of 1000L/ha water carrier. Do not spray on Buffalo grass, Bent Grass, Lippia or Strawberry Clover. Spray when weeds are young and actively growing.
	Fat Hen, Red Flowered Mallow, Purple-Top, Stagger Weed, Swine Cress	NSW, NT, SA, Qld, WA, Tas only				
Woody Species	Moreton Bay Ash (Carbeen), Blue Gum, Bitter Bark, Brisbane Black Wattle	All States	By partial frill or tree injection technique mix 1 part ALBAUGH HYPERION 500 SL HERBICIDE with 12.5 parts of water and apply 2 mL of the mixture to cuts in the softwood at not more than 6 cm spacings around the circumference of each tree.			
	Mimosa (<i>Mimosa pigra</i>)	NT only	2-2.4 L	400 mL	60 mL	Apply to actively growing plants. Preferably apply during wet season. Retreatment may be necessary to control seeding regrowth (for application see General Instructions).

CROP	WEEDS CONTROLLED	STATE	RATE	CRITICAL COMMENTS
Seed Bed Salvage, Conservation tillage, Direct Drilling For weed control in fallow, stubble or pasture prior to sowing with a full disturbance implement	Amaranthus, (Red shank), Native Amaranth, Sow Thistle, Volunteer Cereals, Turnip Weed, Wireweed (Hogweed), Medics, Variegated Thistle, Wild Oats, Wild Mustard, Docks, Paterson's Curse	Qld, NSW, Vic, SA, WA, NT only	160-240 mL/ha plus GLYPHOSATE 450 HERBICIDE at 400- 600 mL/ha or GLYPHOSATE 360SL HERBICIDE at 500-700 mL/ha	If excessively wet conditions occur shortly after application or sowing some retardation of crop establishment may occur in certain broadleaf crops. Spray when most weeds have germinated and are still in the young rosette or pre- tillering stage. Use the lower rate when weeds are prior to tillering or seedlings. Increase to the higher rate as weeds reach tillering or are 10-15 cm diameter/high. In grazed situations if heavy grazing has occurred allow regrowth to 6-8 cm high before spraying. Visible symptoms of weed control may not be apparent for 10-21 days.
	Barnyard grass, Liverseed Grass	NSW only		
	Apple of Peru, Mintweed, Noogoora Burr, Yellow Vine (Caltrop), Climbing Buckwheat (Black Bindweed), Barnyard Grass, Canary Grass (Annual Phalaris), Thornapple, Wild or Prickly Lettuce	Qld, NSW, NT only		
	Annual Ryegrass, Volunteer Field Peas, Tree Hogweed, Capeweed	NSW, Vic, SA, WA only		
	Barnyard Grass, Liverseed Grass	Qld, NT only	160-240mL/ha plus GLYPHOSATE 450 HERBICIDE at 800mL-1.2L/ha	
	Sorrel	WA, SA, Vic, NSW only	160-240mL/ha plus 650-800mL/ha GLYPHOSATE 450 HERBICIDE or 800mL-1L/ha GLYPHOSATE 360SL HERBICIDE	
Direct Drilling, conservation tillage, no- till fallow, minimum tillage, and all between cropping applications	Clover	All States	200mL/ha	Add to Glyphosate 450 or Paraquat/Diquat as required (mixtures of Paraqua/Diquat plus ALBAUGH HYPERION 500 SL HERBICIDE must not be used in Tas). Follow label recommended rates.
	Doublegee (Three Cornered Jack, Spiny Emex), Wireweed, Vetch, Docks, Tares, Sunflower, Hexham Scent (Melilotus), Variegated Thistle	SA only	280mL/ha	Spray when most weeds have germinated and are still in the young rosette stage, when they have not more than 8 true leaves.
	Doublegee (Three cornered Jack, Spiny Emex), Climbing Buckwheat (Black Bindweed), Hexham Scent (Melilotus), Docks	WA only		
	New Zealand Spinach	Qld, NSW, NT only		
	Climbing Buckwheat (Black Bindweed), Doublegee (Three cornered Jack, Spiny Emex), Wireweed (Hogweed), Hexham Scent (Melilotus), Docks, Fat Hen, Variegated Thistle, Scotch (Cotton or Woolly) Thistle, Sunflowers, Vetch, Tree Hogweed	Qld, NSW, Tas, Vic, NT only		

CROP	WEEDS CONTROLLED	STATE	RATE	CRITICAL COMMENTS
	Chickweed, Sorrel, Wireweed	WA only	400mL/ha	
	Common Ice-Plant, Hoary cress, Sorrel, Saffron Thistle	All States	280mL/ha plus 640mL/ha 2,4-D 625 SELECTIVE HERBICIDE	
CROP	WEEDS CONTROLLED	STATE	RATE	CRITICAL COMMENTS
Direct Drilling, conservation tillage, no- till fallow, minimum tillage, and all between cropping applications (Continued)	Caltrop (Yellow Vine), Datura, Bathurst and Noogoora Burrs, Parthenium Weed, Amaranthus, Mintweed, Annual Gooseberry, Blackberry Nightshade, Fat Hen, Sunflower, Seedling Perennial Gooseberry, Seedling Khaki Weed, Bellvine, Cobbler's Pegs, Star Thistle, Black or Spear Thistle, Illyrian Thistle, Doublegee (Three cornered Jack, Spiny Emex), Smart-Weed (Water Pepper), Stemless Thistle, Horehound and <i>Rumex</i> spp including Curled and Broadleaf Docks	All States	320-560 mL/ha for seedlings	Apply when weeds have at least 3-5 true leaves and are actively growing. Do not treat weeds which are beyond the rosette stage. Use higher rate on large weeds.
	Convolvulus, Sida-retusa, Sensitive Plant, Pink Burr, Cleome, Centro, Thickhead, Tar-Vine	Qld, NSW, NT, Vic, Tas, WA only		

Pine Plantations

Situation	Purpose	Application rate	Critical Comments
Pine plantations	Weaken trees sufficiently to encourage attack by Sirex wood wasp (<i>Sirex noctilio</i>) to enable detection, monitoring or control	Prepare diluent at the ratio of 1 L of 500 g/L dicamba product to 1.5 L water. Apply 1 mL of prepared diluent per 10 cm of tree circumference.	Apply by drill injection, basal spear incision, axe incision or chainsaw cuts. Drill injection is the preferred option. Inject diluent into sapwood, not bark. Apply dicamba treatment to selected trees prior to the peak Sirex flight season.

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

GENERAL INSTRUCTIONS

Spray when weeds are young and actively growing, and unless stated otherwise, before the 3-5 true leaf stage.

MIXING

Add the required amount of the product directly to the spray tank and mix well.

APPLICATION

For Boom Application: Apply by a properly calibrated boom spray using not less than 50L of water/ha unless indicated otherwise in Critical Comments column.

For Aerial Application: Apply at least 25L total spray volume/ha. The aircraft should fly as low as practical under the prevailing conditions to minimise drift.

For High Volume Application: Apply minimum 1500L/ha.

For Knapsack Application: A 15L knapsack treats 150m².

MIMOSA CONTROL

Broadacre application - Apply 2-2.4L/ha in 60L water/ha. Helicopter application preferred.

High Volume application - Apply 400mL in 110L water using ground equipment. Thoroughly wet all leaves and stems of the plant.

Basal Bark application - Apply 60mL in 15L water to plants of less than 5cm basal diameter. Spray liberally all around the base and 25-40cm up the stem.

Cut Stump application - Apply 60mL in 15L water on plants up to 10cm basal diameter. Cut trees as close to ground level as is possible and spray the freshly cut surface before the sap dries.

Note: A temporary wilting may be evident in crops after application. If seasonal conditions are late or dry seek further advice before spraying as damage may result from spraying crops under these conditions. Growers should seek advice before spraying recently released cereal varieties. Certain maize varieties may develop clubfoot of the prop roots.

PLANT BACK PERIODS for Conservation Tillage

Wait for the following periods before planting the following crops into soils sprayed with the product. If applied to a dry soil, at least 15mm of rainfall is required before the Plant Back Period begins.

Note: If water-logging occurs shortly after sowing, the product may cause some reduction in crop vigour. Use as directed only in the States indicated.

NSW, VIC, SA, WA, TAS

Rate/ha	PLANT BACK PERIOD (DAYS)									
	Wheat	Barley	Oats	Triticale	Rye	Lupins	Clover/ Medics	Mung beans	Sunflower	Safflower
200mL	1	1	1	1	1	7	7	5	1	14
280mL	7	7	7	7	7	14	14	5	7	21
560mL	14	14	14	14	14	21	21	10	14	28

NSW, VIC, SA, WA, TAS

Rate/ha	PLANT BACK PERIOD (DAYS)								
	Pigeon peas	Soybeans	Millet	Cotton	Sorghum	Maize	Rapeseed	Field peas	Chick peas
200mL	5	5	1	7	1	1	7	N.D.*	N.D.*
280mL	5	5	3	7	3	3	10	14	21
560mL	10	10	7	14	7	7	14	21	28

* Not determined

QLD, NT ONLY

Rate/ha	CROP	PLANT BACK PERIOD
160-240mL	Wheat, Barley, Oats, Triticale, Commercial Rye, Sorghum, Maize, Millet, Sunflowers	1 day
	Soybeans, Mung beans, Pigeon peas	5 days
	Cotton, Canola (Rapeseed)	7 days

NOTE: FOR QLD, NT ONLY: FOR ALL CROPS AND RATES ABOVE 240 mL/ha – PLANT BACK PERIOD 21 DAYS. FOLLOWING POTATO HAULM DESTRUCTION IN TAS: FOR RATES AND CROPS NOT INCLUDED ABOVE, A PLANT BACK PERIOD OF 6 WEEKS APPLIES GENERALLY AND 8 WEEKS FOR SEED CROPS.

COMPATIBILITY

ALBAUGH HYPERION 500 SL HERBICIDE is compatible with GLYPHOSATE 450 HERBICIDE, METSULFURON 600WG HERBICIDE, 2,4-D 625 SELECTIVE HERBICIDE and LVE MCPA.