



**Product Name:** Harrow 900WG Herbicide  
**APVMA Approval No:** 81913/112074

<b>Label Name:</b>	Harrow 900WG Herbicide			
<b>Signal Headings:</b>	READ SAFETY DIRECTIONS BEFORE OPENING OR USING			
<b>Constituent Statements:</b>	ACTIVE CONSTITUENT: 900g/kg DIURON			
<b>Mode of Action:</b>	<table border="1"><tr><td>GROUP</td><td><b>C</b></td><td>HERBICIDE</td></tr></table>	GROUP	<b>C</b>	HERBICIDE
GROUP	<b>C</b>	HERBICIDE		
<b>Statement of Claims:</b>	For selective weed control in the situations in the Directions for Use Table.			
<b>Net Contents:</b>	5 - 100 kg			
<b>Restraints:</b>	This section contains file attachment.			
<b>Directions for Use:</b>	This section contains file attachment.			
<b>Other Limitations:</b>				
<b>Withholding Periods:</b>	NOT REQUIRED WHEN USED AS DIRECTED			
<b>Trade Advice:</b>				

<b>General Instructions:</b>	This section contains file attachment.
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<b>Resistance Warning:</b>	<p>Resistant weeds warning</p> <p><b>GROUP C HERBICIDE</b></p> <p>Harrow 900WG Herbicide is a member of the urea group of herbicides. Harrow 900WG Herbicide has the inhibitor of photosynthesis at photosystem II mode of action. For weed resistance management Harrow 900WG Herbicide is a Group C herbicide. Some naturally occurring weed biotypes resistant to Harrow 900WG Herbicide and other inhibitors of photosynthesis at photosystem II 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 Harrow 900WG Herbicide or other Group C herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, Relyon (Australia) Pty Ltd accepts no liability for any losses that may result from the failure of Harrow 900WG Herbicide to control resistant weeds.</p>
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<b>Precautions:</b>	
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<b>Protections:</b>	<p><b>PROTECTION OF CROPS, NATIVE AND OTHER NON TARGET PLANTS</b> 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. DO NOT use for soil sterilisation near or under trees or shrubs.</p> <p><b>PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND THE ENVIRONMENT</b> DO NOT contaminate streams, rivers or waterways with the chemical or used containers.</p>
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<b>Storage and Disposal:</b>	<p><b>KEEP OUT OF REACH OF CHILDREN.</b></p> <p>Store in the closed, original container in a dry, cool, well-ventilated locked room or place away from children, animals, foods, feedstuffs, seed and fertilisers. DO NOT store for prolonged periods in direct sunlight. Single rinse bag before disposal. Add rinsings to spray tank. DO NOT dispose of undiluted chemicals on site. Puncture or shred and deliver empty packaging to an approved waste management facility. If an approved waste management facility is not available, bury the empty packaging 500 mm 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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<b>Safety Directions:</b>	Avoid contact with eyes and skin. Do not inhale dust or spray mist. If product on skin, immediately wash area with soap and water. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water.
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<b>First Aid Instructions:</b>	If poisoning occurs contact a doctor or Poisons Information Centre (Phone 13 11 26).
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<b>First Aid Warnings:</b>	
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**RESTRAINTS:**

- DO NOT use in water logged areas
- DO NOT apply if greater than 50 mm of rainfall is expected within 3 days of application
- DO NOT irrigate within 3 days of application
- DO NOT apply to field where the slope exceeds 3%
- DO NOT spot spray more than 5% of total farm areas
- DO NOT apply more than once per calendar year

**Cotton**

DO NOT use in cotton UNLESS ALL irrigation tailwater and/or up to 25 mm of rainfall can be captured and held on farm.

**Irrigation channels and drains**

DO NOT use in irrigation channels and drains UNLESS ALL irrigation tailwater and rainfall can be captured and held on farm.

**Desert Channels (bore drains)**

- DO APPLY between 1 December and 30 March
- DO NOT open drains for 72 hours following treatment

**SPRAY DRIFT RESTRAINTS**

- DO NOT apply when wind speed is less than 3 or more than 20 kilometres per hour as measured at the application site.
- DO NOT apply by air
- DO NOT apply with spray droplets smaller than COARSE spray droplet size category according to nozzle manufacturer specifications that refer to the ASAE S572 Standard or the BSPC Guideline.

Users of this product MUST make an accurate written record of the details of each spray application within 24 hours following application and KEEP this record for a minimum of 2 years. The spray application details that must be recorded are:

1. Date with start and finish times of application.
2. Location address and paddock/s sprayed.
3. Full name of this product.
4. Amount of product used per hectare and number of hectares applied to.
5. Crop/situation and weed/pest.
6. Wind speed and direction during application.
7. Air temperature and relative humidity during application.
8. Nozzle brand, type, spray angle, nozzle capacity and spray system pressure measured during application.
9. Name and address of person applying this product  
(Additional record details may be required by State or Territory where this product is used)

**MANDATORY NO-SPRAY ZONES**

DO NOT apply where there is non-target vegetation downwind from the application area and within the mandatory no-spray zones shown in the table below.

DO NOT apply where there are aquatic and wetland areas including aquaculture ponds, surface streams and rivers downwind from the application area and within the mandatory no-spray zones shown in the table below.

**DIRECTIONS FOR USE**

Situation	Rate g/ha	Downwind buffer zone	
		Aquatic	Terrestrial
Wheat, barley, triticale, cereal rye, oats (WA only)	278 - 555	30	60
Wheat, barley, triticale, and oats (WA only)	200 - 278	15	30
Wheat, barley, oats (NSW, Vic, ACT, SA only)	500	25	50
Wheat, barley (SA only)	711 - 978	50	100
Wheat, barley (NSW, Vic, ACT, SA only)	278	15	30
Summer fallows (SA only)	278	15	30
Cotton	1000 - 2000	100	200
Lupins (WA only)	1100	30	80
Sugarcane, Bananas	278 - 500	25	50
Sugarcane	2000	100	200
Asparagus	2000	100	200

Crop	Weeds Controlled	State	Rate/ha	Critical Comments
Asparagus	Annual broadleaf weeds and some annual grasses	Vic only	1.5 – 1.9 kg	Apply in established beds after they have been "hilled up" and before emergence of spikes. This will give 10 to 14 weeks freedom from weeds. Post-emergence application may be made, but the spray should be directed so as to contact only the base of the stems. Use the higher rates on heavier soils. <b>DO NOT USE ON SEEDLING ASPARAGUS</b>
Bananas	Amaranthus, Barley Grass, Barnyard Grass, Capeweed, Cobbler's Pegs, Crowsfoot Grass, Fat Hen, Guinea grass, Mustard, Pigweed, Prince of Wales feather, Ryegrass, Sowthistle, Summer Grass, Wild Oats, Wild Radish, Wild Turnip	Qld, NSW, WA only	275 - 500g  Plus 1.2 or 1.6 L/ha  Paraquick 250 Herbicide	Add to Paraquick 250 Herbicide to enhance weed control under favourable growing conditions and in open sunny conditions. Harrow 900WG Herbicide at rates up to 500 g/ha can be blanket sprayed. Use a directed spray for higher rates of Harrow 900WG Herbicide. Complete spray coverage is essential. For grasses and broadleaved weeds up to 5 cm high use a minimum of 250 L spray solution/ha, increasing to 350 L/ha for weeds up to 10 cm high. Use a minimum spray volume of 400 L/ha for weeds > 10 cm high and for dense mature weeds. Refer to Paraquick 250 Herbicide label and full directions. If Paraquick 250 Herbicide rate is less than the ratio 500 mL/100 L add 100mL non-ionic surfactant 600g/L or 60 mL of non-ionic surfactant 1000g/100L spray mix.
Cotton	Annual broadleaf weeds and some annual grasses	Qld, NSW, only	1 – 1.9 kg	<b>Pre-emergence:</b> Apply at planting or within 7 days of planting and prior to cotton emergence. Seed should be planted at least 4-5 cm deep and soil compacted over seeds by a normal planter packer wheel. Use high rate on soils high in clay or organic matter. DO NOT use on light, sandy soils as injury to crop may result. DO NOT make a second pre-emergence application to the same field during the same crop year as injury to the crop may result. Apply in 300-450 L water/ha. <b>Post emergence (lay-by):</b> Use the higher rates on heavier soil types high in clay and/or organic matter. DO NOT use on light, sandy soils low in organic matter as injury to the cotton may result. Apply when cotton is at least 30 cm high, or immediately after the last cultivation. If emerged annual weeds (15cm or less in height) are present add 600g/L non-ionic surfactant to the spray solution at a rate of 250-500 mL per 1000L. Apply Harrow 900WG Herbicide as a directed spray to cover the area beneath cotton plants and between rows. Avoid spray contact or drift onto cotton plants as injury may result. DO NOT apply more than once per calendar year. DO NOT re-plant treated areas to any crop within one (1) year after last application as injury may result, except cotton, corn or sorghum (grain sorghum only) which may be planted in the spring following treatment. Apply in 300-500 L water/ha.

Lupins (on light soils only)	Annual ryegrass, Capeweed, Clovers, Doublegee, Medics, Wild Radish, Wild Turnip Suppression only: Brome Grass, Dock, Sorrel, Wireweed, Wild Oats	WA only	1.1 kg	Use through boomspray equipment only. Apply in a minimum of 50 L water/ha. Higher volumes of water will give more even application. Must be applied prior to crop emergence. DO NOT use on white or grey sands
Sugar Cane (Plant and ratoon crops)	Amaranthus, Barley Grass, Barnyard Grass, Capeweed, Cobbler's Pegs, Crowsfoot Grass, Fat Hen, Guinea grass, Mustard, Pigweed, Prince of Wales feather, Ryegrass, Sowthistle, Summer Grass, Wild Oats, Wild Radish, Wild Turnip	Qld, NSW only	1.9 kg	<b>Post-emergence of cane</b> <b>APPLY ONLY as directed band spray over a maximum of 60% of the crop area.</b> <b>DO NOT apply in the Wet Tropics</b> <b>DO NOT apply in the Burdekin between 1 January and 29 February</b> <b>DO NOT apply in the Mackay/Whitsunday between 1 December and 30 April</b> <b>DO NOT apply in Mary-Burnett between 1 November and 29 February</b> <b>DO NOT apply in NSW between 1 November and 30 April</b>  Soil surface must be moist at all times of application. Rain or irrigation is required within 10 days of application. If weeds at early post-emergence stage, addition of 600g/L non-ionic surfactant at 250 mL/100 L water will enhance activity, but direct spray below cane leaves.
			275 g - 1.9 kg Plus 1.2 - to 1.6  Paraquick 250 Herbicide	<b>APPLY ONLY as directed band spray over a maximum of 60% of the crop area.</b> <b>DO NOT apply in the Wet Tropics</b> <b>DO NOT apply in the Burdekin between 1 January and 29 February</b> <b>DO NOT apply in the Mackay/Whitsunday between 1 December and 30 April</b> <b>DO NOT apply in Mary-Burnett between 1 November and 29 February</b> <b>DO NOT apply in NSW between 1 November and 30 April</b>  Add to Paraquick 250 Herbicide to enhance weed control under favourable growing conditions and in open sunny conditions. Harrow 900WG Herbicide at rates up to 500 g/ha can be blanket sprayed. Use a directed spray for higher rates of Harrow 900WG Herbicide. Complete spray coverage is essential. For grasses and broadleaved weeds up to 5 cm high use a minimum of 250 L spray solution/ha, increase to 350 L/ha for weeds up to 10 cm high. Use a minimum spray volume of 400 L/ha for weeds > 10 cm high and for dense mature weed. Refer to Paraquat label for rates and full directions.
Summer fallows	Potato weed ( <i>Heliotropium europaeum</i> )	SA only	275 g	Only effective when mixed with Paraquick 250 Herbicide At 1.6 L/ha (See Paraquick 250 Herbicide label)

Crop	Weeds Controlled	State	Rate/ha	Critical Comments	
Wheat, Barley, Oats	Capeweed, Charlock, Deadnettle, Iceplant, Melilotus, Mustard, Poppy, Saffron Thistle, Sheepweed, Three Cornered Jack, Turnips, Wild Radish, Yellow Burrweed	NSW, Vic, ACT, SA only	500 g	Apply when weeds are at the 2-4 leaf stage and soon after the crop is past the 2-5 leaf stage which is normally within 6 weeks of sowing. <b>DO NOT SPRAY LATER THAN THE EARLY TILLERING STAGE.</b>	
Wheat, Barley, Triticale, Oats	Capeweed, Doublegee, London Rocket, Mustard, Wild Radish, Wild Turnip, Wild Mustard	WA only	200 g plus 400mL MCPA	Apply when the crop has at least 3-5 leaves on the main stem. (Zadoks 13-15)	Apply by boomspray. Weeds must be in the 2-5 leaf stage. Crop and weeds should be dry at the time of spraying. DO NOT spray if rain is imminent. DO NOT apply to under-sown medics or sub clovers. Apply in 40-70 L water/ha.
			280 g plus 250 mL 2,4-D Amine 500	Apply when the crop has at least 4-5 leaves on the main stem. (Zadoks 14-15)	
Wheat, Barley	Amsinckia (Yellow Burrweed), Capeweed, Deadnettle Doublegee, (Three Cornered Jack), Mustard, White Ironweed, (Sheepweed), Wild Radish	NSW, ACT and Vic only	280 g plus 500 mL (NSW, ACT, Vic only)	Apply by boomspray when the crop is at the 3-5 leaf stage (NSW, SA only) 5 leaf stage (Vic only). Weeds must be in the 2-5 leaf stage. DO NOT spray if rain is imminent. DO NOT apply to undersown medic. In NSW DO NOT use on Durali, Kite, or Shortim wheat. Apply in 20 – 100 L/ha	
	Capeweed, Doublegee, (Three Cornered Jack), Mustard, Wild Radish	SA only	350 mL (SA only) MCPA 500		
Irrigation Channels	Annual and Perennial Grasses and Broadleaf Weeds	Qld, Vic, SA, Tas, only	39 g to 78 kg	Use during the non-crop season and when channel is not in use. It is necessary to "fix" it into the soil by applying Harrow 900WG Herbicide prior to expected rainfall. The soil should be moist and preferably bare, i.e. after regrading or cleaning channels If 50-100 mm of rain has not fallen after application and it is necessary to use the irrigation channel, fill it with water and allow to stand for 72 hours. DO NOT allow water to run to waste. DO NOT use in irrigation channels or drains UNLESS ALL irrigation tail water and rainfall can be captured and held on farm.	
		NSW, Vic only	19.5 kg		
Drainage Ditches				Apply under the same conditions as for irrigation channels. Apply in 1000 – 2000 water/ha.	

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

## GENERAL INSTRUCTIONS

Harrow 900WG Herbicide is a powerful weedkiller which remains active in the soil for a long time. Use only at recommended rates and read label directions carefully before using. The effects of this product on weeds are slow to appear and will not become apparent until it is carried into the root zone of the weeds or weed seeds by moisture. Results vary with soil type – lower rates are effective on lighter soils and higher rates on heavier soils.

This product is most effective and economical when applied to moist bare soil or soil carrying a small amount of vegetation.

Application should be made shortly before the period of main growth and best results will be achieved if rainfall or irrigation occurs within 3-4 days of application. Where additional “:knockdown” is required, 600g/L non-ionic surfactant at the rate of 250 – 500 mL/100 L of water should be added. If existing herbage is excessive, it is advisable to mix Paraquick 250 Herbicide with Harrow 900WG Herbicide.

This product is inactivated by absorption onto charcoal and other carboniferous materials.

### Mixing

This product mixes readily with water. Steadily add the required quantity to the spray vat, which should be 50-75% full. The agitation system should be running during addition of the product and during the spraying operation. If left to settle, stir/agitate thoroughly before spraying. Avoid drawing accumulated particles into outlet pipe. DO NOT pre-mix as a paste.

### Wetting Agent

Add 600 g/L non-ionic surfactant at 125 mL/100 L of spray mixture when applying to emerged weeds as a foliar spray.

### Compatibility

Harrow 900WG Herbicide is compatible with the following: Paraquat 200 g/L and 250 g/L formulations.

### Weed Control on Non-Crop Land

Harrow 900WG Herbicide is an effective herbicide for the residual control of many annual and perennial grasses and broadleaf weeds on non-crop land such as irrigation and drainage ditches where bare ground is desired. Established perennials such as Bindweed, Johnson Grass, Nutgrass, and Russian Knapweed are not satisfactorily controlled at rates recommended. Duration of control depends on the amount of chemical applied, soil type, rainfall and particular weed species.

### Selective Use in crops

For selective use in crops it is important to apply recommended rates correctly. Harrow 900WG Herbicide is most effective when applied to soil which has been well tilled (clod free) and is free of weeds and trash. Where not recommended for overall application, care should be taken to avoid spray drift onto fruit or foliage. Wetting agents should only be used where specified.