

**READ SAFETY DIRECTIONS BEFORE OPENING OR USING**



# **DIURON 900 WG HERBICIDE**

**ACTIVE CONSTITUENT: 900 g/kg DIURON**



For selective weed control in the situations as per the directions for use table.

**This booklet is part of the label.  
READ THOROUGHLY BEFORE USING.**

APVMA Approval No: 57886/1112



**Summit Agro Australia Pty Ltd**

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Suite 3, Level 7, 111 Elizabeth St Sydney NSW 2000 Australia

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# Diuron 900WG Herbicide

## STORAGE AND DISPOSAL

KEEP OUT OF REACH OF CHILDREN.

Store in the closed, original container in a dry, cool, well ventilated locked room or place away from children, animals, food, feedstuffs, seed and fertilizers. 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 bury bags in a local authority landfill. If no landfill is available, bury the empty containers below 500mm in a disposal pit specifically marked and set up for this purpose, clear of waterways, desirable vegetation and tree roots. Empty bags and product should not be burnt.

## SAFETY DIRECTIONS

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.

## FIRST AID

If poisoning occurs, contact a Doctor or Poisons Information Centre. (Phone Australia: 13 11 26)

## MATERIAL SAFETY DATA SHEET

For further information refer to Material Safety Data Sheet (MSDS), which is available from the supplier - or by visiting - [www.summit-agro.com.au](http://www.summit-agro.com.au)

## NOTICE TO BUYER

Seller warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use. No warranty of merchantability for a particular purpose, express or implied, extends to the use of the product contrary to label instructions, or under abnormal conditions.

APVMA Approval Number: 57886/

1112

Date of Manufacture:

Batch No:

THIS PRODUCT IS NOT CLASSIFIED AS A DANGEROUS GOOD UNDER THE AUSTRALIAN CODE FOR THE TRANSPORT OF DANGEROUS GOODS BY ROAD AND RAIL

IN A TRANSPORT EMERGENCY  
**DIAL 000**  
POLICE OR FIRE BRIGADE  
FOR SPECIALIST ADVICE, CONTACT EMERGENCY RESPONSE COORDINATOR:  
**1800 033 111 (24 HOURS)**

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Printed Proof

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# Diuron 900WG Herbicide

ACTIVE CONSTITUENT: 900g/kg DIURON

**GROUP C HERBICIDE**

For selective weed control in the situations as per the directions for use table

**NET  
CONTENTS  
15kg**

**IMPORTANT: READ THE ATTACHED BOOKLET BEFORE USING THIS PRODUCT**

#### RESTRAINTS

DO NOT use in water-logged areas  
DO NOT apply if greater than 50 mm rainfall is expected within 3 days of application  
DO NOT irrigate within 3 days of application  
DO NOT apply to fields 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 rainfall can be captured and held on farm

#### Pulse crops

DO NOT USE in pulse crops UNLESS application can be made using no-till farming practices

#### Irrigation channels and drains

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

#### Desert channels (bore drains)

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

#### SPRAY DRIFT RESTRAINTS

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 BCPC 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 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 products 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 the State or Territory where this product is used)

#### MANDATORY NO-SPRAY ZONES

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

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

Situation	Rate (g ac/ha)	Downwind buffer zone (m)	
		Aquatic	Terrestrial
Wheat, barley, triticale, cereal rye, oats (WA only)	250-500	30	60
Wheat, barley, triticale and oats (WA only)	180-250	15	30
Wheat, barley, oats (NSW, Vic, ACT, SA only)	450	25	50
Wheat and barley – SA only	640 – 880	50	100
Wheat and barley – NSW, Vic, ACT, SA only	250	15	30
Cotton	900 – 1800	100	200
Lupins – WA only	990	30	80
Sugarcane	1800	100	200
Asparagus	1800	100	200

**DIRECTIONS FOR USE**

**RESTRAINTS:**

**DO NOT** replant areas within 2 years of an application of Summit Diuron 900 WG Herbicide except when otherwise stated on the label.

**DO NOT** use on very light sandy soils as crop damage may occur.

SITUATION & CROP	WEEDS CONTROLLED	STATE	RATE	CRITICAL COMMENTS
INSTRUCTIONS REMOVED - DIURON REVIEW FINALISED				
Asparagus	Annual broadleaf weeds and some annual grasses	<b>Vic Only</b>	1.5 to 1.9 kg/sprayed/ha	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 applications may be made, but the spray should be directed so as to contact only the base of the stems. Do not use on seedling asparagus. Use the higher rate on heavier soils.
INSTRUCTIONS REMOVED - DIURON REVIEW FINALISED				

SITUATION & CROP	WEEDS CONTROLLED	STATE	RATE	CRITICAL COMMENTS
INSTRUCTIONS REMOVED - DIURON REVIEW FINALISED				
Cotton	Annual broadleaf weeds and some annual grasses	Qld, NSW only	1 to 1.9 kg/ha	Pre-emergence: 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 cycle as injury to the crop may result. Apply in 300-450 L water/ha. Post emergence (lay-by): 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 Agraal to the spray solution at the rate of 250-500 mL per 1000 litres. Apply Summit Diuron 900 WG 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 re-plant treated areas to any crop within one 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.

SITUATION & CROP	WEEDS CONTROLLED	STATE	RATE	CRITICAL COMMENTS
INSTRUCTIONS REMOVED - DIURON REVIEW FINALISED				
Lupins (on light soils only)	As above and suppression only of Dock, Sorrel, Wireweed, Wild oats, annual Ryegrass and Brome grass	WA only	1.1 kg/ha	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.

SITUATION & CROP	WEEDS CONTROLLED	STATE	RATE	CRITICAL COMMENTS
INSTRUCTIONS REMOVED - DIURON REVIEW FINALISED				
<p><u>CRITICAL COMMENTS</u>                      soil must be moist at time of application. Rain or irrigations required within 10 days of application.</p>				
<p><u>Sugar Cane Critical Comments</u>                      Post-emergent use (1.8 kg a/ha max 60% band spray)                      APPLY ONLY as a directed band spray over a maximum of 60% of the crop area                      DO NOT apply in the Wet Tropics                      DO NOT apply in the Burdekin between 1 January and 29 February                      DO NOT apply in Mackay/Whitsunday between 1 December and 30 April                      DO NOT apply in Mary-Burnett between 1 November and 29 February                      DO NOT apply in NSW between 1 November and 30 April</p>				
Sugar Cane (Plant and ratoon crops)	Most grasses, vines and other broadleaf weeds when germinating from seed or in early seedling stage.	Qld, NSW only	1.9 kg/ha	See above Post-emergence of cane. As for pre-emergence. Use lower rate if following an application at planting. If weeds at early post-emergence addition of Agral at 250 mL/100 L of water will enhance activity, but direct spray below cane levels.
Summer fallows	Potato weed ( <i>Heliotropium europaeum</i> )	SA only	275 g/ha	Only effective when in mixture with Summit Spray Plant 250 at 1.6 L/ha (See Spray Plant 250 label).

SITUATION & CROP	WEEDS CONTROLLED	STATE	RATE	CRITICAL COMMENTS
Wheat, Barley, Oats	Capeweed, Charlock, Iceplant, Mellilotus, Mustard, Poppy, Saffron Thistle, Sheepweed, Three Cornered Jack, Turnips, Yellow Burr Weed	NSW, Vic, SA only	500 g/ha	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, Cereal rye, Oats	Capeweed, Doublegee, Mustard, Wild radish (suppression only), Water weeds (load rush, Crassula)	WA only	275-550 g *Barley to 390g only	Post planting application only for Full cut sowing systems that leave relatively smooth surface eg standard combine or air seeder. Apply post plant pre-emergent to crop within 3-4 days of planting. Pre plant application only for sowing systems (eg NoTill or ZeroTill which leave open slots or furrows, or where seed is sown along the bottom of the furrow. Even the soil surface where harrowed after sowing. Apply within 7 - 0 days pre plant. Soil types - use the lower rate on sandy soils with low organic carbon or clay content. Caution: DO NOT use on grey or white sands. Crop to be planted at least 35mm deep. Crop tipping and yellowing may occur particularly when heavy rain falls after sowing. Shallow sown crops may be more at risk. Caution: Severe crop damage will occur if herbicides containing paraquat or diquat contact an emerging crop either as a salvage treatment or via spray drift unless rainfall has been exceptionally low.
	As above plus suppression of Annual ryegrass, Barley Grass and Silver Grass		550 g/ha plus 500 ml of a 720 g/L metolochlor to improve suppression of ryegrass	
Wheat, Barley, Triticale, Cereal rye			275 g to 550 g plus 830 mL/ha Trifluralin 480	As above. Must be incorporated within 4 hours of application.

SITUATION & CROP	WEEDS CONTROLLED	STATE	RATE	CRITICAL COMMENTS
Wheat, Barley, Triticale, Oats	Capeweed, Double Gee, Mustard, Radish, Turnip	WA only		Apply by boomspray or aircraft. 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. Under-sown sub-covers may be slightly retarded. Do not apply to under-sown medic. Apply in 40-70L water/ha.
			200 g/ha plus 400 mL/ha MCPA	Apply when the crop has at least 3-5 leaves on the main stem. (Zadoks 13-15)
			280 g/ha plus 250 mL/ha 2,4-D amine 50%	Apply when the crop has at least 4-5 leaves on the main stem. (Zadoks 14-15)
Wheat, Barley	Amsinckia (Yellow burr), Capeweed, Deadnettle, Double gee (Three Cornered Jack), Mustard, White ironweed (Sheep weed), Wild radish	NSW, Vic only	280 g/ha plus 500 mL/ha (NSW, Vic only) 350 mL/ha (SA only) MCPA	Apply by boomspray or aircraft 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 under-sown medic. In NSW do not use on Durali, Kite or Shortim wheat. Apply in 20-100 L/ha.
	Capeweed, Double gee (Three Cornered Jack), Mustard, Wild radish	SA only		

SITUATION & CROP	WEEDS CONTROLLED	STATE	RATE	CRITICAL COMMENTS
	Annual and perennial grasses and broadleaf weeds			
Irrigation Channels		Qld, Vic, SA, Tas only	39 to 78 kg/ha	Use during the non-crop season and when channel is not in use. It is necessary to "fix" it into the soil by applying the Summit Diuron 900 WG Herbicide prior to expected rainfall. The soil should be moist and preferably bare i.e. after regrading or cleaning channels. If 50-100 mm or rain has not fallen after application and it is necessary to use the irrigation channel, it will be necessary to fill it with water and allow to stand for 72 hours. The water in the channel should then be drained off and run to waste. Do not use near trees. Use higher rates on soils high in clay and/or organic matter. Apply in 1000-2000 L water/ha.
		NSW, Vic only	19.5 kg/ha	
Drainage ditches		NSW, Vic only	19.5 kg/ha	Apply under the same conditions as for irrigation channels. Apply in 1000-2000 L water/ha.
		All States	85 g/15 L knapsack/20m <sup>2</sup>	Apply evenly in 75 L water/ha
		...		

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

**WITHHOLDING PERIOD: NOT REQUIRED WHEN USED AS DIRECTED**

**GENERAL INSTRUCTIONS**

Summit Diuron 900 WG 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 weed growth and best results will be achieved if rainfall or irrigation occurs within 3-4 days of application. Where additional "knockdown" is required, Agral at the rate of 250 - 500 mL per 100 L of water should be added. If existing herbage is excessive it is advisable to mix Summit Paraquat 250 Herbicide with Summit Diuron 900 WG Herbicide.

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

**RESISTANT WEEDS WARNING**

**GROUP C HERBICIDE**

Summit Diuron 900 WG Herbicide is a member of the urea group of herbicides. Summit Diuron 900 WG Herbicide has the inhibitor of photosynthesis at photosystem II mode. For weed resistance management Summit Diuron 900 WG Herbicide is a Group C herbicide. Some naturally occurring weed biotypes resistant to Summit Diuron 900 WG Herbicide and other Group C 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 Summit Diuron 900 WG Herbicide or other Group C herbicides.

Since the occurrence of resistant weeds is difficult to detect prior to use Summit Agro Australia Pty Ltd accepts no liability for any losses that may result from the failure of Summit Diuron 900 WG Herbicide to control resistant weeds.

**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 Agral at 125mL/100L of spray mixture when applying to emerged weeds as a foliar spray.

**Compatibility**

Summit Diuron 900 WG Herbicide is compatible with the following products: Summit Paraquat 250 Herbicide, Summit Spray Plant 250 Herbicide, Diquat.

**Weed control on non-crop land**

Summit Diuron 900 WG 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. Summit Diuron 900 WG 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.

**PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS**

DO NOT apply under weather conditions or from spraying equipment, which may cause drift onto nearby susceptible plants/crops, cropping lands or pastures.

DO NOT use for soil sterilisation near or under trees or shrubs.

**PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND THE ENVIRONMENT**

DO NOT contaminate streams, rivers or waterways with the chemical or used containers.

**STORAGE AND DISPOSAL**

KEEP OUT OF REACH OF CHILDREN. Store in the closed, original container in a dry, cool, well ventilated locked room or place away from children, animals, food, feedstuffs, seed and fertilizers. 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 and bury empty containers in a local authority landfill. If no landfill is available, bury the container below 500mm in a disposal pit specifically marked and set up for the purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should not be burnt.

**SAFETY DIRECTIONS**

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.

**FIRST AID**

If poisoning occurs contact a Doctor or Poisons Information Centre (Phone Australia 131 126).

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