

Diuron 900 WG

HERBICIDE

DIRECTIONS FOR USE: RESTRAINTS:

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
 DO NOT replant treated areas within 2 years of application of Diuron 900 WG except when otherwise stated on label. DO NOT use on very light sandy or gravelly soils as crop damage may occur.

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 end 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. Data 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 many 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
Summer fallows - SA only	250	15	30
Cotton	900-1800	100	200
Lupins - WA only	990	30	80
Pulses - Incorporated by sowing	750-990	30	80
Pulses - post-sowing pre-emergent	495-750	50	100
Sugarcane & bananas	250-450	25	50
Sugarcane	1800	100	200
Asparagus	1800	100	200

Crop	Weeds Controlled	State	Rate/ha	Critical Comments
Asparagus	Annual Broadleaf weeds and some Annual grasses	VIC only	1.5 - 2kg/ha	Apply in established beds after they have “hilled up” and before emergence of spikes. This will give 10-14 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 higher rates on heavier soils DO NOT USE ON SEEDLING ASPARAGUS.
Bananas	Amaranthus, Barley grass, Barnyard grass, Capeweed, Cobblers pegs, Crowsfoot grass, Fat hen, Guinea grass, Mustard, Pigweed, Prince of Wales feather, Rye grass, Sowthistle, Summer grass, Wild radish, Wild turnip.	NSW, Qld, WA only	275g - 500g/ha Plus 1.2 or 1.6L/ha Parquat 250	Add to Parquat 250 to enhance weed control under favourable growing conditions and in open sunny conditions. Diuron 900 WG at rates up to 500g/ha can be blanket sprayed. Use a directed spray for higher rates of Diuron 900 WG. Complete spray coverage is essential. For grasses and broadleaved weeds up to 5cm high use a minimum of 250L spray solution/ha, increase to 350 L/ha for weeds up to 10cm high. Use a minimum spray volume of 400L/ha for weeds >10cm high and for dense mature weeds. Refer to Parquat label for rates and full directions. If Parquat 250 rate is less than the ratio 500mL/100L add 100mL Wetdrop 600 or 60mL Wetdrop/100L spray mix.
Cotton	Annual broadleaf weeds and some Annual Grasses	Qld, NSW only	1 - 2kg/ha	Pre-emergence: Apply at planting or within 7 days of planting and prior to cotton emergence. Seed should be planted at least 4 to 5cm deep and soil compacted over seeds by a normal planter packer wheel. Use high rate on soils high in clay or organic matter content. DO NOT use on light sandy soils as injury to crop may occur. DO NOT make a second pre-emergent application to the same field during the same crop year as injury to the crop may result. Apply in 300 to 450L water/ha. Post-emergence (lay-by): Use the higher rate 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 30cm high, or immediately after the last cultivation. If emerged annual weeds (15cm or less in height) are present add 170mL Wetdrop 600/100L water to the spray solution. Apply Diuron 900 WG as a directed spray to cover the area beneath cotton plants and between rows. Avoid spray contact or drift on to cotton plants as injury may result. DO NOT apply more than once per season. 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.
Lupins (on light soils only)	Annual ryegrass, Capeweed, Clovers, Medics, Doublegee, Wild radish, Wild turnip and suppression only of Dock, Sorrel, Wireweed, Wild oats and Brome grass	WA only	1.1kg/ha	Use through boom spray equipment only. Apply in a minimum of 50L 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

Crop	Weeds Controlled	State	Rate/ha	Critical Comments
Pulses (Including Chickpeas, Faba Beans, Lentils, Narbon beans, Field Peas and Vetch)	Cape weed, Double Gee, Wild radish, Wild Turnip, Toad rush, Crassula, and Erodium.	All States	IBS 830g-1.1kg/ha PSPE 550-830g/ha	Incorporated by sowing (IBS) Apply to bare moist soil prior to sowing or at sowing and incorporate by the sowing operation. Use the lower rate on light sandy soils. Post Sowing Pre-Emergent Application. (PSPE) Apply as a post sowing pre-emergent application to moist soil before weed or crop emergence. Use the lower rate on light sandy soils. Application should not be made to excessively ridged or waterlogged soils. Sow the crop at least 5cm deep. Trifluralin or Spinnaker may be tank mixed at the recommended rates.
Sugar Cane (plant and ratoon crops)	Barnyard grass, Crowsfoot grass, Guinea grass, Summer grass, Barley grass, Ryegrass, Wild oats, Cobbler's pegs, Pigweed, Prince of Wales feather, Amaranthus, Fat hen, Mustard, Sowthistle, Capeweed, Wild radish, Wild turnip	Qld, NSW, only	1.9 kg/ha	Post-emergence use (1.8 kg ac/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 Soil surface must be moist at time of application. Rain or irrigation is required within 10 days of application. Use lower rate if following an application at planting. If weeds at early post-emergence stage addition of Wetdrop 600 at 250 mL/100 L of water will enhance activity, but direct spray to below cane leaves.
			275g/ha - 1.9kg/ha plus 1.2L - 1.6L Parquat 250	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 Add to Parquat 250 to enhance weed control under favourable growing conditions and in open sunny conditions. Diuron 900 WG at rates up to 500g/ha can be blanket sprayed. Use a directed spray for higher rates of Diuron 900 WG. Complete spray coverage is essential. For grasses and broadleaved weeds up to 5 cm high use a minimum of 250L spray solution/ha, increase to 350 L/ha for weeds up to 10cm high. Use a minimum spray volume of 400L/ha for weeds > 10cm high and for dense mature weeds. Refer to Parquat label for rates and full directions. Note: Where broad leaved weeds are a serious problem add Tornado® DF to the mixture.
Summer Fallows	Potato weed (Heliotropium europaeum)	SA only	275g/ha	Only effective when in mixture with Paradat 250 at 1.6L/ha (See Paradat 250 label)

Crop	Weeds Controlled	State	Rate/ha	Critical Comments
Wheat, Barley, Triticale, Cereal Rye, Oats	Capeweed, Doublegee, Mustard, Wild Radish [suppression only], Water Weeds [Toads Rush, Crassula]	WA only	275g - 550g *Barley to 390g only	Post planting application only for Full cut sowing systems that leave a relatively smooth surface, eg. standard combine or airseeder. Apply post plant preemergent 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 - 10 days pre plant. Soil Types - use lower rates on sandy surfaced soils with a 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 are more at risk. Caution: Severe crop damage will occur if herbicides containing Paraquat or Diquat contact an emerging cereal 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		550g/ha plus 500ml of a 720g/L metolachlor to improve suppression of Ryegrass	
Wheat, Barley, Triticale, Cereal Rye			275g - 550g plus 830mL/ha of Trifluralin	As Above Must be incorporated within 4 hours of application.
Wheat, Barley, Oats	Capeweed, Charlock, Iceplant, Melilotus, Mustards, Rough Poppy, Saffron thistle, Sheepweed, Three cornered Jack, Wild turnip, Yellow burr weed, Deadnettle	NSW, Vic, ACT & SA only	500g/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. DO NOT SPRAY LATER THAN EARLY TILLERING STAGE.
Wheat, Barley, Triticale, Oats	Capeweed, Doublegee, Erodium, London Rocket, Lupin, Mustard, Rapistrum, Wild Radish, Wild turnip, Storksbill, Wild mustard	WA only	200g/ha plus 400mL MCPA 500	Apply when the crop has at least 3 to 5 leaves on the main stem. (Zadoks 13-15)
			280g/ha plus 200mL 2,4 D Amine 625	Apply when crop has at least 4 to 5 leaves on main stem. (Zadoks 14-15)
Wheat, Barley	Amsinkia (Yellow burr), Capeweed, Deadnettle, Double gee (Three cornered Jack), Mustard, White ironweed (Sheep weed), Wild radish	NSW, Vic & ACT, SA only	280g/ha plus 500mL/ha (NSW, Vic, ACT only) 350mL/ha (SA only) MCPA 500	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 under-sown medic or lucerne. DO NOT use on Durati, hybrid Titan, Kite, Kamilaroi, or Shortim Wheat.
	Soursob	SA only	710 - 980g/ha	Boom Spray: Sow crop at least 5cm deep. Apply when crop is in the 2-5 true leaf stage. Use the lower rate on lighter soils.
Irrigation Channels & Drainage Ditches	Annual and Perennial grasses and Broadleaf weeds. (Except Nutgrass, Bindweed and Russian knapweed)	SA, WA, Vic, Qld, Tas only	22kg/ha OR 220g/100m ²	High Volume or Power Spraying. Apply in 2000L water. Apply during the non-crop season and when channel is not in use. Soil should be moist and preferably bare ie. after regrading and cleaning channels. Apply prior to expected seasonal rainfall so as to "fix" it into the soil. If 50-100mm 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, then drain off the water in the channel and run to waste.
		NSW only	40kg/ha maximum	

Crop	Weeds Controlled	State	Rate/ha	Critical Comments
Bore Drains	Prickly acacia, Mimosa bush	Qld only	35.5kg/ha	Block off bore drain 24 hours prior to spraying and allow drain to empty. Spray 1m wide strip onto mud. Wait 72 hours before opening drain again. Water MUST by-pass house tanks and desirable tree stands for 7 days after opening drain. DO NOT delve for 2 weeks.

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

WITHHOLDING PERIOD: DO NOT ALLOW ANIMALS TO DRINK WATER FROM TREATED BORE DRAINS FOR 3 DAYS BEFORE SLAUGHTER FOR HUMAN CONSUMPTION.

HARVEST: NOT REQUIRED WHEN USED AS DIRECTED.

GRAZING: PULSE CROPS: DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 35 DAYS AFTER APPLICATION. ALL OTHER CROPS: NOT REQUIRED WHEN USED AS DIRECTED.

GENERAL INSTRUCTIONS

Before opening, carefully read Directions for Use, Precautionary Statements, Safety Directions and First Aid Instructions. Application should be made to moist soil before weeds emerge unless otherwise recommended. Sufficient moisture in the form of rain or irrigation is necessary after application to move the chemical into the weed root zone. Add Wetdrop where recommended. When spraying emerged weeds best results are obtained when weeds are actively growing. Thoroughly clean all traces of this product from application equipment immediately after use, otherwise injury to desirable vegetation may result when equipment is used again. Flush tank, pump, hose and boom with several changes of water after removing nozzle tip and screens (clean these parts separately). Keep from contact with fertilizers, insecticides, fungicides and seeds.

MIXING

Partly fill spray tank with water, and agitate while adding this product steadily. Continue agitation after filling and during spraying.
Agitation: An efficient by-pass agitator or means of mechanical agitation should be employed when using this product.

COMPATIBILITY

This product is compatible with Paradat 250 and the following Nufarm products 2,4-D 625 Parquat 250, MCPA 500. Add the required amount of product when the spray tank containing Diuron 900 WG is nearly full and being continually agitated. This product is not compatible with Tribunil*, Rogor*, Mataven*, Hoegrass*/Nugrass®, and Bayleton*.

HERBICIDE RESISTANCE WARNING

FARMALINX Diuron 900 WG Herbicide is a member of the urea group of herbicides and has the inhibitors of photosynthesis at photosystem II mode of action. For weed resistance management Diuron 900 WG is a Group C herbicide. Some naturally occurring weed biotypes resistant to Diuron 900 WG 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 Diuron 900 WG or other Group C herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, FARMALINX Pty Ltd accepts no liability for any losses that may result from the failure of Diuron 900 WG Herbicide to control resistant weeds.

SELECTIVE USE IN CROPS

For selective use in crops it is important to apply recommended rates correctly. 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.

REPLANTING RESTRICTIONS

Crop Rotations: DO NOT replant treated areas to any crop within two years after last spray unless otherwise stated.
Cotton - DO NOT replant treated areas to any crop within 1 year after last spray. Except cotton, corn or grain sorghum which may be planted in the spring of the following year.
Sugarcane - treated areas can be replanted to pineapple or sugarcane 1 year after last spray.

CROP SAFETY

Heavy rains after application of this product may cause severe crop damage, risk must be assumed by the user.
DO NOT USE ON SANDY OR GRAVELLY SOILS OR SOILS LOW IN ORGANIC MATTER. AVOID CONTACT OF SPRAYS WITH CROP FOLIAGE OR FRUIT.

PROTECTION OF CROPS, NATIVE & 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.

PROTECTION OF LIVESTOCK

Low hazard to bees. May be applied at any time as recommended in the Directions for Use.

PROTECTION OF WILDLIFE, FISH, CRUSTACEA AND ENVIRONMENT

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

STORAGE AND DISPOSAL

KEEP OUT OF REACH OF CHILDREN. Store in the closed, original container in a dry, cool, well-ventilated area out of direct sunlight. Shake empty bag into container. DO NOT dispose of undiluted chemicals on site. Puncture or shred and bury empty containers in a local authority landfill. If no landfill is available, bury the containers below 500 mm in a disposal pit specifically marked and set up for this 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 13 11 26.

MATERIAL SAFETY DATA SHEET

For further information refer to the Material Safety Data Sheet (MSDS), which can be obtained from your supplier or from the FARMALINX website – www.farmalinx.com.

NOTICE

Seller warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use. No warranty (other than non-excludable statutory warranties) of merchantability or fitness for a particular purpose, express or implied, extends to the use of the product contrary to label instructions, or under off-label permits not endorsed by FARMALINX Pty Ltd or under abnormal conditions. FARMALINX Pty Ltd accepts no liability for any loss or damage arising from incorrect storage, handling or use.

® Nugrass and Tornado are registered trademarks of Nufarm Australia Limited.

* Other registered trademarks

READ SAFETY DIRECTIONS BEFORE OPENING OR USING

FARMALINX
Diuron 900 WG

HERBICIDE

ACTIVE CONSTITUENT: 900g/kg DIURON

GROUP C HERBICIDE

For selective weed control in the situations as per the Directions for Use table.

IMPORTANT: THIS LEAFLET IS PART OF THE LABEL ATTACHED TO THE CONTAINER. READ THOROUGHLY BEFORE OPENING OR USING THIS PRODUCT

FARMALINX Pty Ltd ABN 95 134 353 245
Level 25, Suite 2506, Tower 2, 101 Grafton Street,
Bondi Junction NSW 2022

farmalinx

farmalinx
Partners in Agriculture

FARMALINX Pty Ltd ABN 95 134 353 245
Level 25, Suite 2506, Tower 2
101 Grafton Street, Bondi Junction NSW 2022
T: 02 9389 2455 F: 02 9389 2844
Website: www.farmalinx.com
APVMA Approval NO.: 64359/1112