



READ SAFETY DIRECTIONS BEFORE OPENING OR USING

Nufarm
Diuron 900DF
Herbicide

ACTIVE CONSTITUENT: 900g/kg DIURON

GROUP **C** HERBICIDE

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

READ COMPLETE DIRECTIONS FOR USE BEFORE USING THIS PRODUCT.

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APVMA Approval No.: 39201/58937

DIRECTIONS FOR USE

RESTRAINTS

- DO NOT replant treated areas within 2 years of application of Diuron 900DF except when otherwise stated on label.
- DO NOT use on very light sandy or gravelly soils as crop damage may occur.
- DO NOT use in water-logged areas.
- DO NOT apply if greater than 50mm 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 25mm 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.

Lucerne:

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

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 when wind speed is less than 3 or more than 20 kilometres per hour as measured at the application site.
- DO NOT apply with spray droplets smaller than COARSE spray droplet size category according to nozzle manufacturer specifications that refer to the ASAE S572 Standards 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 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 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	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
Lucerne	750	50	100
Lupins – WA only	990	30	80
Pulses – incorporated by sowing	750-990	30	80
Pulses – post-sowing pre-emergent	495-750	50	100
Sugarcane and Bananas	250-450	25	50
Sugarcane	1800	100	200
Asparagus	1800	100	200

CROP	WEEDS CONTROLLED	STATE	RATE	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, Cobbler's pegs, Crowsfoot grass, Fat hen, Guinea grass, Mustard, Pigweed, Prince of Wales feather, Ryegrass, Sowthistle, Summer grass, Wild radish, Wild turnip	NSW, Qld, WA only	275-500g/ha plus 1.2 or 1.6L/ha Nuquat 250	Add to Nuquat® 250 to enhance weed control under favourable growing conditions and in open sunny conditions. Diuron 900DF at rates up to 500g/ha can be blanket sprayed. Use a directed spray for higher rates of Diuron 900DF. Complete spray coverage is essential. For grasses and broadleaved weeds up to 5cm high use a minimum of 250L spray solution/ha, increase to 350L/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 Nuquat 250 label for rates and full directions. If Nuquat 250 rate is less than the ratio 500mL/100L, add 100mL Surfactant 600 or 60mL Chemwet 1000/100L 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 300-450L 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 Nufarm Surfactant 600/100L water to the spray solution. Apply Diuron 900DF 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 300-500L water/ha.
Lucerne (established for 1 year or more)	Amsinckia (Yellow burr), Charlock, Dead nettle, Poppies, Sheepweed (White ironweed), Three cornered Jack (Double gee) Seedlings of Capeweed, Spiny emex Suppression of Wild radish, Wild turnip	All states	830g/ha	Apply when lucerne has been grazed. Weeds should be very small (emerging – 4 leaf) when treated. Use only in areas where lucerne becomes Winter dormant. A wider spectrum of weeds will be controlled when tank mixed with Nuquat 250 or Revolver® (Refer to Nuquat 250 or Revolver label for rates and full directions).

CROP	WEEDS CONTROLLED	STATE	RATE	CRITICAL COMMENTS
Lupins (on light soils only)	Annual ryegrass, Capeweed, Clovers, Medics, Double gee, 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
Pulses (Including Chickpeas, Faba beans, Lentils, Narbon beans, Field peas and Vetch)	Capeweed, 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	1.9kg/ha	Post-emergence of cane 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 irrigation if weeds at early post-emergence stage addition of Surfactant 600 at 250mL/100L of water will enhance activity, but direct spray to below cane leaves.
			275 - 500g/ha plus 1.2-1.6L Nuquat 250	Add to Nuquat 250 to enhance weed control under favourable growing conditions and in open sunny conditions. Diuron 900DF at rates up to 500g/ha can be blanket sprayed. Complete spray coverage is essential. For grasses and broadleaved weeds up to 5cm high use a minimum of 250L spray solution/ha, increase to 350L/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 Nuquat 250 label for rates and full directions. Note: Where broad leaved weeds are a serious problem add Tomado® DF to the mixture.
			500g/ha-1.9kg/ha plus 1.2-1.6L Nuquat 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 Nuquat 250 to enhance weed control under favourable growing conditions and in open sunny conditions. Use only as a directed spray. Complete spray coverage is essential. For grasses and broadleaved weeds up to 5cm high use a minimum of 250L spray solution/ha, increase to 350L/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 Nuquat 250 label for rates and full directions. Note: Where broad leaved weeds are a serious problem add Tomado® DF to the mixture.
Summer Fallows	Potato weed (<i>Heliotropium europaeum</i>)	SA only	275g/ha	Only effective when in mixture with Spray•Seed* 250 at 1.6L/ha (See Spray•Seed* 250 label)

CROP	WEEDS CONTROLLED	STATE	RATE	CRITICAL COMMENTS	
Wheat, Barley, Triticale, Cereal rye, Oats	Capeweed, Double gee, Mustard, Wild radish [suppression only], Water weeds [Toads Rush, Crassula]	WA only	275g-550g/ha #Barley to 390g/ha only	<p>Post planting application only for full cut sowing systems that leave a relatively smooth surface, eg. standard combine or airseeder. Apply post plant pre-emergent to crop within 3-4 days of planting.</p> <p>Pre plant application only for sowing systems (eg No Till or Zero Till) 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 preplant.</p> <p>Soil Types - use lower rates on sandy surfaced soils with a low organic carbon or clay content.</p> <p>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.</p> <p>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.</p>	
	As above plus suppression of Annual ryegrass, Barley grass and Silver grass		550g/ha plus 500mL/ha of a 720g/L metolachlor to improve suppression of Ryegrass		
			275-550g/ha plus 830mL/ha of TriflurX®		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, Dead nettle	NSW, Vic, ACT & SA only	500g/ha	<p>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.</p> <p>DO NOT SPRAY LATER THAN EARLY TILLERING STAGE.</p>	
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/ha MCPA 500	<p>Apply when the crop has at least 3 to 5 leaves on the main stem. (Z13-15)</p>	<p>Apply by boom spray. 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 imminent. Undersown sub-clovers may be slightly retarded. DO NOT apply to undersown medics. Apply in 40-70L water/ha.</p>
			280g/ha plus 200mL ha Amicide® 625	<p>Apply when crop has at least 4 to 5 leaves on main stem. (Z14-15)</p>	
Wheat, Barley	Amsinckia (Yellow burr), Capeweed, Dead nettle, Double gee (Three cornered Jack), Mustard, White ironweed (Sheepweed), Wild radish	NSW, Vic & ACT, SA only	280g/ha plus 500mL/ha (NSW, Vic, ACT only) 350mL/ha (SA only) MCPA 500	<p>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.</p>	
	Soursob	SA only	710-980g/ha	<p>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.</p>	
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 40kg/ha maximum	<p>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.</p>	
Bore Drains	Prickly acacia, Mimosa bush	Qld only	35.5kg/ha	<p>Block off bore drain 24 hours prior to spraying and allow drain to empty. Spray 1m wide strip onto mud. Wait 48-72 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.</p>	

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 Nufarm Surfactant 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 Spray•Seed* 250 and the following Nufarm products Amicide® 625, Nuquat® 250, MCPA 500 and Revolver®. Add the required amount of product when the spray tank containing Diuron 900DF is nearly full and being continually agitated. This product is not compatible with Tribunil*, Rogor*, Mataven*, Hoegrass*/Nugrass®, and Bayleton*.

HERBICIDE RESISTANCE WARNING

GROUP	C	HERBICIDE
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'Diuron 900DF' 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 900DF is a Group C herbicide. Some naturally occurring weed biotypes resistant to Diuron 900DF 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 900DF or other Group C herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, Nufarm Australia Limited accepts no liability for any losses that may result from the failure of Diuron 900DF Herbicide to control resistant weeds.

SELECTIVE USE IN CROPS

For selective use in crops it is important to apply recommended rates correctly. Diuron 900DF 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 and Lucerne - 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.

Crop Safety:

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 500mm 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 Nufarm website - www.nufarm.com.au

In case of emergency: Phone 1800 033 498 Ask for shift supervisor. Toll free 24 hours.

CONDITIONS OF SALE

"Any provisions or rights under the Competition and Consumer Act 2010 or relevant state legislation which cannot be excluded by those statutes or by law are not intended to be excluded by these conditions of sale. Subject to the foregoing, all warranties, conditions, rights and remedies, expressed or implied under common law, statute or otherwise, in relation to the sale, supply, use or application of this product, are excluded. Nufarm Australia Limited and/or its affiliates ("Nufarm") shall not accept any liability whatsoever (including consequential loss), or howsoever arising (including negligence) for any damage, injury or death connected with the sale, supply, use or application of this product except for liability which cannot be excluded by statute."

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