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.

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.

<table>
<thead>
<tr>
<th>SITUATION</th>
<th>RATE (g/acre)</th>
<th>DOWNWIND BUFFER ZONE (M)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>AQUATIC</strong></td>
<td><strong>TERRESTRIAL</strong></td>
<td></td>
</tr>
<tr>
<td>Wheat, Barley, Triticate, Cereal rye, Oats (WA only)</td>
<td>250-500</td>
<td>30</td>
</tr>
<tr>
<td>Wheat, Barley, Triticate and Oats</td>
<td>180-250</td>
<td>15</td>
</tr>
<tr>
<td>Wheat, Barley, Oats (NSW, Vic, ACT, SA only)</td>
<td>450</td>
<td>25</td>
</tr>
<tr>
<td>Wheat and Barley – SA only</td>
<td>640-880</td>
<td>50</td>
</tr>
<tr>
<td>Wheat and Barley – NSW, Vic, ACT, SA only</td>
<td>250</td>
<td>15</td>
</tr>
<tr>
<td>Summer fallows – SA only</td>
<td>250</td>
<td>15</td>
</tr>
<tr>
<td>Cotton</td>
<td>900-1800</td>
<td>100</td>
</tr>
<tr>
<td>Lucerne</td>
<td>750</td>
<td>50</td>
</tr>
<tr>
<td>Lupins – WA only</td>
<td>990</td>
<td>30</td>
</tr>
<tr>
<td>Pulses – incorporated by sowing</td>
<td>750-990</td>
<td>30</td>
</tr>
<tr>
<td>Pulses – post-sowing pre-emergent</td>
<td>495-750</td>
<td>50</td>
</tr>
<tr>
<td>Sugarcane and Bananas</td>
<td>250-450</td>
<td>25</td>
</tr>
<tr>
<td>Sugarcane</td>
<td>1800</td>
<td>100</td>
</tr>
<tr>
<td>Asparagus</td>
<td>1800</td>
<td>100</td>
</tr>
</tbody>
</table>

**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.

Bananas | Amaranthus, Barley grass, Barnyard grass, Capeweed, Cobblers pegs, Crowfoot 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 broadleafed 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 the ratio 500mL/100L, add 100mL Surfactant 600 or 60mL Chemwet 100/100L 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.

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).
<table>
<thead>
<tr>
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<th>WEEDS CONTROLLED</th>
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<th>RATE</th>
<th>CRITICAL COMMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lupins (on light soils only)</td>
<td>Annual ryegrass, Capeweed, Clovers, Medics, Double gee, Wild radish, Wild turnip and suppression only of Dock, Sorrel, Wireweed, Wild oats and Bromegrass</td>
<td>WA only</td>
<td>1.1kg/ha</td>
<td>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</td>
</tr>
<tr>
<td>Pulses (Including Chickpeas, Faba beans, Lentils, Narbon beans, Field peas and Vetch)</td>
<td>Caperweed, Double gee, Wild radish, Wild turnip, Toad rush, Grassula, and Erodium.</td>
<td>All States</td>
<td>IBS 830g-1.1kg/ha PSPE 550-830g/ha</td>
<td>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.</td>
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<tr>
<td>Sugar Cane (plant and ratoon crops)</td>
<td>Barnyard grass, Crowsfoot grass, Guinea grass, Summer grass, Barley grass, Ryegrass, Wild oats, Cobbler’s pigs, Pigweed, Prince of Wales feather, Amaranthus, Fat hen, Mustard, Sowthistle, Capeweed, Wild radish, Wild turnip</td>
<td>Qld, NSW, only</td>
<td>1.9kg/ha</td>
<td>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.</td>
</tr>
<tr>
<td>275 - 500g/ha plus 1.2-1.6L Nuquat 250</td>
<td>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 &gt; 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 Tornado® DF to the mixture.</td>
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<tr>
<td>500g/ha-1.9kg/ha plus 1.2-1.6L Nuquat 250</td>
<td>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. 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 &gt; 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 Tornado® DF to the mixture.</td>
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</tr>
<tr>
<td>Summer Fallows</td>
<td>Potato weed (Heliotropium europaeum)</td>
<td>SA only</td>
<td>275g/ha</td>
<td>Only effective when in mixture with Spray•Seed* 250 at 1.6L/ha (See Spray•Seed* 250 label)</td>
</tr>
<tr>
<td>CROP</td>
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</tr>
<tr>
<td>Wheat, Barley, Triticale, Cereal rye, Oats</td>
<td>Capeweed, Double gee, Mustard, Wild radish [suppression only], Water weeds [Toads Rush, Crassula]</td>
<td>WA only</td>
<td>275g-550g/ha #Barley to 390g/ha only</td>
<td>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.</td>
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<tr>
<td></td>
<td>As above plus suppression of Annual ryegrass, Barley grass and Silver grass</td>
<td></td>
<td>550g/ha plus 500mL/ha of a 720g/L metolachlor to improve suppression of Ryegrass</td>
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<tr>
<td>Wheat, Barley, Oats</td>
<td>Capeweed, Charlock, Iceplant, Melilotus, Mustards, Rough poppy, Saffron thistle, Sheepweed, Three cornered Jack, Wild turnip, Yellow burr weed, Dead nettle</td>
<td>NSW, Vic, ACT &amp; SA only</td>
<td>500g/ha</td>
<td>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.*</td>
</tr>
<tr>
<td>Wheat, Barley, Triticale, Oats</td>
<td>Capeweed, Doublegee, Endium, London rocket, Lupin, Mustard, Raphistrum, Wild radish, Wild turnip, Storksbill, Wild mustard</td>
<td>WA only</td>
<td>200g/ha plus 400mL/ha MCPA 500</td>
<td>Apply when the crop has at least 3 to 5 leaves on the main stem. (Z13-15)</td>
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<td></td>
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<td>280g/ha plus 200mL/ha Amicide® 625</td>
<td>Apply when crop has at least 4 to 5 leaves on main stem. (Z14-15)</td>
</tr>
<tr>
<td>Wheat, Barley</td>
<td>Amsinckia (Yellow burr), Capeweed, Dead nettle, Double gee (Three cornered Jack), Mustard, White ironweed (Sheepweed), Wild radish</td>
<td>NSW, Vic &amp; ACT, SA only</td>
<td>280g/ha plus 500mL/ha (NSW, Vic, ACT only) 350mL/ha (SA only) MCPA 500</td>
<td>Apply by boom spray. Weeds must be in the 2-5 leaf stage. Do NOT spray if rain imminent. Undersown sub-clovers may be slightly retarded. Do NOT apply to undersown medic. Apply in 40-70L water/ha.</td>
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<td></td>
<td>770-980g/ha</td>
<td>Boom Spray: Sow crop at least 5cm deep. Apply when 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 &quot;fix&quot; 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.</td>
</tr>
<tr>
<td>Irrigation Channels &amp; Drainage Ditches</td>
<td>Annual and Perennial grasses and Broadleaf weeds. (Except Nutgrass, Bindweed and Russian knapweed)</td>
<td>SA, WA, Vic, Qld, Tas only</td>
<td>22kg/ha OR 220g/100m² 40kg/ha maximum</td>
<td>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 &quot;fix&quot; 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.</td>
</tr>
<tr>
<td>Bore Drains</td>
<td>Prickly acacia, Mimosa bush</td>
<td>Qld only</td>
<td>35.5kg/ha</td>
<td>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.</td>
</tr>
</tbody>
</table>

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

‘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 033 496 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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