DIURON 900 DF

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

**GROUP C HERBICIDE**

**A.B.N. 51 160 092 428**

Asparagus 1800 100 200

**for control of weeds in**

Bananas 1800 100 200

**Aquatic Terrestrial**

Barnyard Grass, Crowfoot Grass, Couch Grass, Wild Radish, Pigweed, Wild Oats, Capeweed, Fat Hen, Sowthistle, Summer Grass, Barley Grass, Ryegrass

**Crop/ Situation**

Wheat, Barley, Oats

SA only

**Weeds Controlled**

Seedlings of Broadleaf weeds including Capeweed, Charlie, Dolly, Spiny Emex, Ice-plant, Malotius, Mustard, Poppy, Safflower thistle, Sheepeeed, Three-cornered Jack, Wild tulip, Wild Radish, Yellow burnedwheat (Amsinkia)

**State(s)**

NSW, Vic, ACT, SA only

**Rate/ha**

500/ha

**Critical Comments**

Post-emergence: Spray when weeds have germinated and are in 1–2 leaf stage, are actively growing and less than 2 weeks old, and for dense mature weeds. Refer to paraquat label for rates and full directions. Do NOT apply more than 2.7 ha per spray application.

Add to paraquat to enhance weed control under favourable growing conditions and in open sunny conditions. If paraquat Diuron 900DF rates at up to 500 g/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 5 cm high and for dense mature weeds. Refer to the paraquat label for rates and full directions. If the paraquat rate is less than the ratio 500mL/100L add 100mL of a surfactant to the spray mix.

**Maximum dosage**

2.7 g/ha

**Application df**

Asparagus 1800 100 200

**Spray drift restraint**

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.

**Crop/ Situation**

Sugar cane

**Weeds Controlled**

**Rate/ha**

1.9 kg/ha

**Critical Comments**

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

**Application df**

**Total dosage**

276 g/ha - 1.9 kg/ha

**Critical Comments**

Only effective when in a mixture with Paraquat/Disulf 250 at 1.2L/ha (see Spray/seed or similar label)
Wheat, Barley Sublicsou<br>SB only 710–980 g/ha Boom spray: Sow the crop at least 5 cm deep. Apply when the crop is in the 2–5 true leaf stage. Use lower rate on lighter soils.

Spray tank containing Diuron is compatible with Diquat, Paraquat, Amitrole, 2,4-D Amine and 2,4-D Acetate.

**Agitation:**

Contrastly, continue agitation after filling and during spraying.

**Mixing:**

Keep all spray equipment immediately after use, otherwise injury to desirable vegetation may occur. Thoroughly clean all traces of this product from the application equipment.

**Weeds best results are obtained when weeds are actively growing.**

**Dormancy:**

Emerged weeds. Add Surfactant where recommended. When spraying irrigation is necessary after application to move the chemical into the weed root zone. Add Surfactant where recommended.

**Withholding Period to Grazing or Harvest:**

**Withholding Period:** NOT REQUIRED WHEN USED AS DIRECTED.

**Slaughter for Human Consumption:**

**Withholding Period:**

**Safety Data Sheet**

**Liability**

This product must be used strictly as directed. 4Famers Australia Pty Ltd may not be liable for loss or damage arising from failure to follow directions for use.

**Crop Rotation:**

**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 Livestock**

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

**Protection of Wildife, 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.**

Keep 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 unused chemicals on site. Puncture or shred and bury the empty container in a local authority landfill. If no landfill is available, bury the container below 500 mm in a disposal pit specified and marked set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should not be burnt.

**Safety Directions**

Will irritate the eyes. Avoid contact with eyes.

When opening the container and preparing spray wear cotton overalls, gloves, a washable hat and elbow-length PVC gloves. Wash hands after use. After each day's use, wash gloves and container.

**First Aid**

If poisoning occurs, contact a doctor or Poisons Information Centre.

Phone Australia 13 11 26.

**Safety Data Sheet**

For further information please refer to the Safety Data Sheet. For a copy visit our website at www.4farmers.com.au

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**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 to move the chemical into the weed root zone. Add Surfactant where recommended. When spraying emerged weeds best results are obtained when weeds are actively growing. Thoroughly clean all traces of this product from the application equipment immediately after use, otherwise injury to desirable vegetation may result when equipment is moved to another location.

Flush tank, pump, hose and boom with several changes of water after removing nozzle tip and screens. Clean these parts separately. Keep in contact with Fertilizers, insecticides, herbicides and seed.

Mixing

Partly fill spray tank with water, and agitate while adding this product. 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 Diquat, Paraquat, Amitrole, 2,4-D Amine and 2,4-D Acetate. Keep all spray equipment immediately after use, otherwise injury to desirable vegetation may occur.

Thoroughly clean all traces of this product from the application equipment.

**RESISTANT WEEDS WARNING**

**GROUP C HERBICIDE**

Diuron 900 DF 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 DF Herbicide is a group C herbicide.

Some naturally-occurring weed biotypes resistant to Diuron 900 DF 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 Diuron 900 DF Herbicide or other inhibitors of photosynthesis at photosystem II herbicides.

Since the occurrence of resistant weeds is difficult to detect prior to use, 4Famers Australia Pty Ltd accepts no liability for any losses that may result from the failure of Diuron 900 DF Herbicide to control resistant weeds.

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

**CropRotations:** Do NOT replant treated areas to any crop within two years after last spray unless otherwise stated. Cereal or Pulse Crops — When used as directed, any of those crops may be sown the next season.

**Cotton** — Do NOT replant treated areas to any crop within 1 year after last spray. Except cotton, com or grain sorghum which may be planted in the spring of the following year.

**Sugarcane** — Treat areas only that are replanted to pineapple or sugarcane 1 year after last spray.

Drift Warning — Do NOT apply under weather conditions or from spray equipment that may cause spray to drift onto nearby susceptible plants, crops, cropping lands or pastures.