				Crop/ Situation	Weeds Controlled	State(s)	Rate/ha	Critical Comments
C	AUTION			Asparagus	Weed Seedlings of Annual broadleaf weeds	Vic only	1.5–2 kg/ha	Apply in established beds after they have "hilled up" and before spike emergence. This will give 10–14 weeks weed control. Post
KEEP OUT O READ SAFETY DIRECTI	F REACH OF CH		G		and some annual			emergence sprays should be directed at stem base only. Use higher
	\sim				grasses			rates on heavier soils. DO NOT USE ON SEEDLING ASPARAGUS
4	Farmers)		Bananas		NSW, ACT,	275g–500g/ha Plus	Add to paraquat to enhance weed control under favourable growing conditions and in open sunny conditions. 4Farmers Diuron 900DF
	\sim	/				Qld, WA	1.2 or 1.6L/ha	at rates up to 500 g/ha can be blanket sprayed. Use a directed spray for higher rates of Diuron 900DF. Complete spray coverage is
DIURC		0 DE				only	paraquat	essential. For grasses and broadleaf weeds up to 5 cm high use a
	erbicide	U Dr						minimum 250L spray solution per hectare. Increase to 350L/ha for weeds up to 10cm high. Use a minimum
ACTIVE CONSTI		g/kg DIURON						spray volume of 400L/ha for weeds greater than 10cm high and for dense mature weeds. Refer to the paraquat label for rates and full
GROUP	C HERB	ICIDE						directions. If the paraquat rate is less than the ratio 500mL/100L add 100mL of a surfactant to the spray mix.
	ntrol of weeds			Cotton	Weed Seedlings of	QLD NSW	1–2 kg/ha	Pre-emergence: Apply at planting or within 7 days of planting and
cereals, bana		0	TED		Annual broadleaf weeds and some annual	only		prior to crop emergence. Seed should be planted at least 4–5cm deep, with soil compacted over the seeds. Use higher rate on soils
4 FARMERS					grasses			high in organic matter. Do Not use on light or sandy soils — crop injury may occur.
A.B.N	I. 51 160 092 42	8						Do Not make a second pre-emergent application to the same field in the same year as injury to the crop may occur. Apply in 300-450L
1 / 70 MCDOWELL S TEL: (08) 9356 34								water/Ha.
Batch Number:	Date of N	Nanufacture:						Post emergence: Apply when cotton is at least 30 cm high or immediately after last cultivation. Use 300–500L water/ha as a
APVMA Approval No: 56356/11	12							directed spray to cover area beneath cotton plants and between rows.
								If annual weeds are present (15cm or less in height), add a
								surfactant (100mL wetter 1000/100L) to the spray mixture. Use higher rates on soils high in organic matter or clay. Do Not use on
DIRECTIONS FOR US	E:							light or sandy soils low in organic matter as crop injury may occur. Avoid spray drift onto cotton plants as injury may result. DO NOT
RESTRAINTS DO NOT re-plant treated a	areas within	two years of a	application of					apply more than once per season.
Diuron 900 DF except when DO NOT use on very light	stated on the	label.						DO NOT re-plant treated areas to any crop within one year after
may occur.	, ,	aveny SUNS as	orop uamage					last application as injury may result, except cotton, corn or sorghum (grain sorghum only) which may be planted in the spring following
DO NOT use in water-logged DO NOT apply if greater		rainfall is exp	pected within	Lupins	Annual Ryegrass,	WA only	1.1 kg/ha	treatment. Apply in 300–500L water/ha. Apply pre-emergent to pre-sowing. Tank mix with Trifluralin where
3 days of application. DO NOT irrigate within 3 day					Capeweed, Clovers, Medics, Doublegee,		, and the second s	rye grass expected. DO NOT USE ON WHITE OR GREY SANDS.
DO NOT imgate within 3 day DO NOT apply to fields when					Wild Radish, Wild Turnip			
DO NOT spot spray more tha DO NOT apply more than on					And suppression only of:			
Cotton	ice per caleric	iai yeai.			Dock, Sorrel, Wireweed, Wild Oats and Brome			
DO NOT use in cotton UNL 25 mm rainfall can be capture		0	and/or up to		Grass		1.0 km/h a	Dest emergence of eace
Irrigation channels and drain	S			Sugar cane	Guinea Grass, Barnyard Grass,	QLD NSW ACT only	1.9 kg/ha	Post emergence of cane. APPLY ONLY as a directed band spray over a maximum of 60%
DO NOT use in irrigation c tailwater and rainfall can be o	hannels or d captured and	rains UNLESS . held on farm.	ALL irrigation		Crowsfoot Grass, Cobbler's Pegs,			of the crop area DO NOT apply in the Wet Tropics
Desert channels (bore drains DO NOT apply between 1 De		30 March			Wild Radish, Pigweed, Wild Oats, Capeweed,			DO NOT apply in the Burdekin between 1 January and
DO NOT open drains for 72 l					Fat Hen, Sowthistle, Summer Grass,			29 February DO NOT apply in Mackay/Whitsunday between 1 December and
SPRAY DRIFT RESTR	AINTS				Barley Grass, Ryegrass Prince of Wales Feather,			30 April DO NOT apply in Mary–Burnett between 1 November and
DO NOT apply by air			and the state		Amaranthus, Mustard, Wild Turnip			29 February
DO NOT apply with spray dr size category according to no	ozzle manufa	cturer specificati						DO NOT apply in NSW between 1 November and 30 April
to the ASAE S572 Standard Users of this product MUST			record of the					Soil surface must be moist at time of application. Rain or irrigation is required within 10 days of application. se lower rate if following
details of each spray applic and KEEP this record for a r								an application at planting. If weeds at early post-emergence stage addition of a non-ionic surfactant (600g/L) at 250mL/100L will
details that must be recorded	d are:		,					enhance activity, but direct spray to below cane leaves.
 Date with start and finish Location address and pa 							ha plus	APPLY ONLY as a directed band spray over a maximum of 60% of the crop area
 Full name of this product Amount of products use 		are and number	r of hectares				1.2 L–1.6 L paraquat	DO NOT apply in the Wet Tropics
applied to;								DO NOT apply in the Burdekin between 1 January and 29 February
 Crop/situation and weed/ Wind speed and direction 		cation;						DO NOT apply in Mackay/Whitsunday between 1 December and 30 April
 Air temperature and relat Nozzle brand, type, spra 	2	0 11						DO NOT apply in Mary–Burnett between 1 November and 29 February
pressure measured durin	g application;	;						DO NOT apply in NSW between 1 November and 30 April
 Name and address of record details many be re record details many be re 								Add to paraquat to enhance weed control under favourable growing
product is used).								conditions and in open sunny conditions. Diuron 900DF at rates up to 500 g/ha can be blanket sprayed. Use a directed spray for higher
MANDATORY NO-SPR DO NOT apply when there is			wind from the					rates of Diuron 900 DF. Complete spray coverage is essential. For grasses and broadleaved weeds up to 5 cm high use a minimum
application area and within table below.		0						250L spray solution/ha, increase to 350L/ha for weeds up to 10cm
DO NOT apply when there								high and use a minimum spray volume of 400L/ha for weeds >10cm high and for dense mature weeds.
aquacultural ponds, surface application area and within				Summer Fallows	Potato weed	SA only	275g/ha	Refer to paraquat label for rates and full directions. Only effective when in a mixture with Paraquat/Diquat 250 at
table below.	Data as l's	Doumulast	for the fail		(Heliotropium europaeum)			1.6L/ha (see Spray*seed or similar label)
Situation	nate ac/ha	Downwind buf Aquatic	fer zone (m) Terrestrial	Wheat, Barley, Oats	Seedlings of Broadleaf Weeds including	NSW, Vic, ACT, SA	500g/ha	Boom spray: Post-emergence: Spray when weeds have germinated and are in 2–4 leaf stage, are actively growing and less
Wheat, barley, triticale, cereal rye, oats	250-500	30	60	Juis	Capeweed, Charlock, Deadnettle, Spiny	only		than 6 weeks old. Sow the crop at least 5 cm deep.
(WA only) Wheat, barley, triticale					Emex, Ice-plant,			DO NOT SPRAY LATER THAN EARLY TILLERING.
and oats (WA only)	180–250	15			Melilotus, Mustards, Poppies, Saffron thistle, Sheepweed, Three-			
Wheat, barley, oats (NSW, Vic, ACT, SA only)	450	25	50		cornered Jack, Wild turnip, Wild Radish,			
Wheat and barley — SA only	640-880	50	100		Yellow burrweed			
Wheat and barley — NSW. Vic. ACT. SA only	250	15	30	L	(Amsinkia)		<u> </u>	

Situation	Rate ac/ha	Downwind buf	fer 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	
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
Bananas	250-450	25	50
Sugarcane	1800	100	200
Asparagus	1800	100	200

Crop/ Situation	Weeds Controlled	State(s)	Rate/ha	Critical Comments		
Wheat, Barley	Soursob	SA only	710–980g/ha	Boom spray: Sow the crop at least 5cm deep. Apply when the crop is in the 2–5 true leaf stage. Use lower rate on lighter soils.		
	Seedlings of broadleaf Weeds including Capeweed, Charlock,	NSW, Vic, ACT only	280g/ha plus 500mL MCPA (500g/L)	Apply by boom spray (in 20–100L water/ha) when crop is at the 3–5 leaf stage (SA & NSW only) and 5 leaf (Vic only). Weeds must be in the 2–5 leaf stage. DO NOT spray if rain is imminent. DO NOT		
	Deadnettle, Spiny Emex, Ice-plant, Melilotus, Mustards, Poppies, Saffron thistle, Sheepweed, Three- cornered Jack, Turnips Wild Radish, Yellow burrweed (Amsinkia)	SA only	280 g/ha plus 350 mL MCPA (500 g/L)	apply to undersown medic or lucerne. In NSW, DO NOT use on Kamilaroi, Olympic, Durali, Hybrid, Titan, Kite or Shortim Wheat.		
Wheat, Barley, Triticale, Oats	Capeweed, Doublegee, Mustard, Wild Radish, Wild Turnip, London Rocket. Wild Mustard	WA only	200g/ha plus 400mL MCPA (500g/L)	Apply when the crop has at least 3–5 leaves on the main stem (Zadocks 13–15). Apply by boom spray 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 imminent. Undersown sub-clovers may be slightly retarded. Do not apply to undersown medics. Apply in 40–70L water/ha.		
				NOTE: Replant Statement in General Instructions.		
			280 g/ha plus 200 mL 2,4-D Amine (500 g/L)	Apply when crop is at the 4–5 leaf stage (Zadoks 14–15). Apply by boom spray or aircraft when weeds are at the 2–5 leaf stage. Crop and weeds should be dry at time of application and rain should not be imminent. Some temporary yellowing of crop may occur and undersown sub-clovers may be slightly retarded. DO NOT apply to undersown medic. Apply in 40–70 L water/ha.		
Wheat, Barley	As above plus	WA only	555g/ha plus	Planting systems — see application instructions.		
Triticale Cereal Rye Oats	suppression of Annual Ryegrass, Barley and silver grasses		500 mL/ha of 4Farmers Metolachlor 720, to improve suppression of ryegrass	Post plant application only for "Full cut" sowing systems that leave a relatively smooth surface, eg standard combine or airseeder. Appl post plant pre-emergent to crop within 3–4 days of planting.		
				<i>Pre plant application</i> 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 to 0 days preplant only.		
				Soil types — use lower rates on sandy surfaced 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 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.		
Irrigation	Annual grasses,	QLD Vic	22 kg/ha or	High volume or power spraying: Apply in 2000L water. Apply		
channels & Drainage Ditches	Perennial grasses, Broadleaf weeds (except Nutgrass, Bindweed, and Russian Knapweed)	TAS SA WA only	220 g per 100 square metres	during the non-crop season and when channel is not in use. Soil should be moist and preferably bare ie after regrading and clean channels. Apply prior to expected seasonal rainfall so as to 'fix' i into the soil. If 50–100 mm of rain has not fallen after application and it is necessary to use the irrigation channel, fill it with water allow to stand for 72 hours, then drain off the water in the channel		
		NSW only	40 kg/ha maximum	and run to waste.		
Bore drains	Prickly Acacia, Mimosa bush	QLD only	35.5 kg/ha	Block off bore drain 24 hours before spraying and allow drain to empty. Spray 1 m 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.		

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.

WITHHOLDING PERIOD TO GRAZING OR HARVEST: 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 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.

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

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.

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 the 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

Will irritate the eyes. Avoid contact with eyes

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

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 13 11 26, New Zealand 0800 764 766.

SAFETY DATA SHEET

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

LIABILITY

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

In a Transport Emergency Dial 000 Special Poisons Advice: Police or Fire Brigade 13 11 26

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 Diquat, Paraquat, Amitrole, 2,4-D Amine and Ester, 2,4-DB, MCPA, Chlorpyrifos, Omethoate and Chlorsulfuron. Add the required amount of product when the spray tank containing Diuron is nearly full and being continually agitated. This product is not compatible with Methabenzthiazuron, Dimethoate, Flamprop-M, Diclofop-Methyl, and Triadimefon.

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, 4 Farmers 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

Crop Rotations: 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, 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.

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.