

READ SAFETY DIRECTIONS BEFORE OPENING OR USING

CHEMAG DIURON 900WG HERBICIDE

ACTIVE CONSTITUENT: 900g/kg DIURON



GROUP	C	HERBICIDE
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For the control of weeds in apples, asparagus, bananas, cereals, citrus, coffee, commercial and industrial areas, cotton, lucerne, lupins, pawpaws, pears, perennial grass seed crops, pineapples, rights-of-way, sugar cane and vineyards

CONTENTS; 2kg, 10kg, 15kg, 20kg, 500kg

NRA APPROVAL NO: 53812 / 0901

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DIRECTIONS FOR USE:

RESTRAINTS:

DO NOT re-plant treated areas within 2 years of application of Diuron 900WG except when stated on label.

DO NOT use on very light sandy or gravelly soils as crop damage may occur.

CROP	WEED	STATE	RATE	CRITICAL COMMENTS
Apples & Pears (established at least 1 year)	Barnyard Grass, Capeweed, Barley Grass, Fat Hen, Amaranthus, Mustards, Ryegrass, Wild Oats, Wild Radish, Wild Turnip, Blackberry Nightshade, Cobbler's Pegs, Crowsfoot Grass, Guinea Grass, Pigweed, Sowthistle, Summer Grass.	All States	Single Application 4 kg/ha Split Application 2 kg/ha	Apply under trees as a broadcast or band spray. Area should be cleared of weeds prior to spraying Diuron 900WG using Glyphosate 360 Herbicide. SINGLE APPLICATION: Apply in winter. SPLIT APPLICATION: Apply post harvest, with a second application in spring.
	Wireweed, Toad Rush	Qld, NSW, Vic, ACT, SA, WA only		
	Willow Herb	Tas only		
Asparagus	Annual Broadleaf weeds and some annual Grasses	All States	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 rate on heavier soils. DO NOT USE ON SEEDLING ASPARAGUS.
Bananas		NSW, Qld, ACT, WA only	2-4 kg/ha	At planting: Apply following fill-in planting. DO NOT spray banana foliage. Use higher rate on heavier soil types. Apply in 200 to 500L water per sprayed hectare. Established plantations: apply avoiding contact with banana plants. Use higher rate on heavier soil types. Add a "knockdown" herbicide (eg diquat, paraquat) if weed growth is above 8cm high.
Citrus (established at least 1 year)	Weed seedlings of: Guinea Grass, Barnyard Grass, Billygoat Weed, Wild Turnip, Crowsfoot Grass, Cobbler's Pegs, Wild Mustard, Red Natal Grass, Feather-Top, Wild Radish, Rhodes Grass, Pigweed, Blackberry Nightshade, Spiny Burr Grass, Winter Grass, Wild Oats, Capeweed, Wireweed, Fat Hen, Sowthistle, Summer Grass, Barley Grass, Ryegrass, Prince of Wales Feather, Amaranthus.	All States	2-4 kg/ha Plus 500mL Nufarm 600 Surfactant per 100L spray mixture.	High Volume or Boom Spraying: Apply in a minimum of 300-500 litres spray mixture per sprayed hectare. Apply to bare moist ground prior to emergence of weeds in Autumn and Spring. If emerged annual weeds are present (up to 15cm high) add surfactant. Use lower rates on lighter soils. Avoid spray contact or drift onto fruit or foliage.
	Couch Grass		710g / 200L	
Coffee	Weed Seedlings of: Summer Grass, Barnyard Grass, Billygoat Weed, Sourgrass	Qld, NSW, ACT only	4 kg/ha	Apply as an initial spray.
	Couch Grass		2 kg/ha	Apply as a 2 nd spray 4 months later then respray at 6 month intervals depending on amount of regrowth.
			710g/200L	SPOT SPRAYING – Spray to the point of run-off.
Cotton	Annual Broadleaf weeds and some Annual Grasses.	Qld, NSW only	1-2 kg/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.

CROP	WEED	STATE	RATE	CRITICAL COMMENTS
Cotton (cont.)				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 per 100L water to the spray solution. Apply Diuron 900WG 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.
Gladioli, Tulips, Daffodils	Weed Seedlings of: Summer Grass, Barnyard Grass, Mustard, Barley Grass, Ryegrass, Wild Oats, Capeweed, Wild Radish, Wild Turnip, Blackberry Nightshade, Cobbler's Pegs	All States	2 kg/ha	Apply pre-emergence to weeds.
	Winter Grass, Thistles	Tas only		
Grass Seed Crops Established (at least 1 Year old) Fescue, Phalaris and Cocksfoot	Annual Broadleaf weeds and some Annual Grass weeds	SA only	2.8 kg/ha	Apply at weed emergence by boom spray. Use higher rate for heavier soils. Brome grasses will not be controlled.
		Vic, WA, NSW, Qld, ACT, Tas only	3-3.3 kg/ha	
		All States	2 kg/ha	
Lucerne Established for 1 year or more	Annual Broadleaf weeds and some Annual Grass weeds	All States	1-2 kg/ha	Only apply when lucerne is dormant. Damage may occur if applied to actively growing lucerne. In sub-tropical areas, apply during the winter months. Use the higher rate on heavier soils. Boom Sprayer application during the dormant period. In sub-tropical areas apply during the June/August period.
Lupins	Annual Ryegrass, Capeweed, Clovers, Medics, Doublegee, Wild Radish, Wild Turnip.	WA only	1.2 kg/ha	Apply pre-emergent to pre-sowing. Tank mix with Trifluralin where rye grass is expected. DO NOT USE ON WHITE OR GREY SANDS.
Paw Paw	Guinea Grass, Crowsfoot Grass, Barnyard Grass, Billygoat Weed, Summer Grass, Red Natal Grass, Giant Sensitive Plant.	Qld, NSW, ACT only	4 kg/ha	Apply to plantations at least 9 months old.
			2 kg/ha	Apply a second spray if required. DO NOT exceed 6.5kg/ha per year. Use a knockdown herbicide (eg. Glyphosate 360 Herbicide) prior to spraying with Diuron 900WG
Peas	Annual Ryegrass, Barley Grass, Brome Grass, Capeweed, Doublegee, Wild Oats, Wild Turnip, Wild Radish, Mustards.	WA only	835g-1.2 kg/ha	DO NOT USE ON SANDY SOILS. Use the lower rate Pre-sowing in the low rainfall eastern wheat belt and use The higher rate immediately after sowing in the Great Southern Area. Weed control may be increased by mixing Trifluralin pre-sowing.
Phalaris Cultivars Sirolan and Sirosa	Annual Broadleaf weeds and some Annual Grass weeds	All States	1.7 kg/ha	Do not use as a tank mix with Paraquat.
Pineapples	Annual Broadleaf weeds and some Annual Grass weeds	Qld only	4 kg/ha	Overall Blanket Spray: Apply in a minimum of 2000L water per hectare. Treated areas may be re-planted to pineapples or sugar cane one year after last application. Plant Crops: Apply after planting and before weed emergence. Repeat as necessary.
			2 kg/ha	Repeat Spray: If necessary, but not less than 2 monthly intervals. Do not apply more than 9kg per hectare (ie. 2 blanket applications before fruit differentiation of flower bud formation, no more than 20L per sprayed hectare per plant crop. After flower bud formation treat inter row spaces only.
			4 kg/ha	Ratoon Crop: Apply immediately prior to the first rains on weed free soil.
			2 kg/ha	Repeat spray if necessary.

CROP	WEED	STATE	RATE	CRITICAL COMMENTS
Sugar Cane	Barnyard Grass, Crowsfoot Grass, Guinea Grass, Summer Grass, Barley Grass, Ryegrass, Wild Oats, Cobblers Pegs, Pigweed, Prince of Wales Feather, Amaranthus, Fat Hen, Mustard, Sowthistle, Capeweed, Wild Radish, Wild Turnip	NSW, ACT, Qld only	3-4 kg/ha	In all areas except the Burdekin, apply immediately after planting crop and before crop, weeds and grasses emerge. Band and Overall Spray: Apply after planting or harvesting and before crop emergence. Directed Spray: After cultivation to emerged cane.
			Add 1.1kg/ha 2,4D Sodium (800g/kg)	Note: Where broadleaved weeds are a serious problem in addition to grasses add Nufarm Sodium 2,4D to the mixture. Use the higher rate when residual vine control is required.
			2 kg/ha	Apply at this rate after crop emergence if an application was made at planting or after harvesting. Use as a directed spray to minimise spray contact with cane plants. Apply either as a blanket treatment or as a band treatment.
Summer Fallows	Potato Weed (<i>Heliotropium europaeum</i>)	SA only	275 g/ha	Only effective when in mixture with Sprayseed* 250 at 1.6L/ha (See Sprayseed* 250 label)
Wheat Barley, Oats	Capeweed, Wild Radish, Sheepweed, Amsinkia (Yellow Burr), Deadnettle, Charlock, Iceplant, Poppies, Spiny Emex, Mustards, Three Cornered Jack, Saffron Thistle, Melilotus, Turnips	NSW, Vic, ACT, SA only	500 g/ha	Boom Spray – Post Emergence – Spray when weeds have germinated and are at 2-4 leaf stage, are actively growing and less than 6 weeks old. DO NOT spray later than the early tillering stage.
Wheat, Barley	Soursob	SA only	710-980 g/ha	Boom Spray – Sow the crop at least 5cm deep. Apply when crop is in the 2-5 true leaf stage. Use the lower rate on lighter soils.
	Capeweed, Wild Radish, Doublegee (Three Corner Jack), White Ironweed (Sheepweed), Amsinkia (Yellow Burr), Deadnettle and Mustards, Iceplant, Mustards, Turnips.	NSW, Vic, ACT only	280g/ha plus 500mL MCPA 500	Apply by boom spray when crop is at the 3-5 leaf stage (NSW, ACT, SA) or 5 leaf stage (Vic). Weeds must be at the 2-5 leaf stage. Do not apply to undersown medics. Apply in 20-100L water/ha.
		SA only	280g/ha plus 350mL MCPA 500	In NSW / ACT, DO NOT use on Durati, Hybrid Titan, Kite or Shortim Wheat.
Wheat, Barley, Triticale, Oats	Capeweed, Doublegee, Turnip, Radish, Mustard	WA only	200g/ha plus 400mL MCPA 500	Apply when crop is at least 3 to 5 leaves stage on the main stem. (Zadocks 13-15).
			280g/ha plus 250mL 2,4D Amine (500g/L)	Apply when crop is at least 4 to 5 leaves stage on the main stem. (Zadocks 14-15). Apply by boom spray or aircraft. Weeds must be in the 2-5 true leaf stage. Crop and weeds should be dry at the time of spraying. DO NOT spray if rain imminent. Undersown sub-clovers might be slightly retarded. Do not apply to undersown medics. Apply in 40-70L water/ha.
Irrigation Channels & Drainage Ditches	Annual Grass, Perennial Grasses and Broadleaf Weeds. (Except Nutgrass, Bindweed and Russian Knapweed)	SA, WA, Vic, Qld, Tas only	22kg/ha OR 220g per 100sq. meters	High Volume or Power Spraying: Apply in 2000L water. Apply during the non-crop season and when channels are 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, ACT only	22kg/ha maximum	

CROP	WEED	STATE	RATE	CRITICAL COMMENTS
Rights of Way, Commercial & Industrial Areas	Annual Grasses, Perennial Grasses and Broadleaf Weeds (except Nutgrass, Johnson Grass, Bindweed, and Russian Knapweed).	All States		If moderate weed growth ie. greater than 15cm in height is present at the time of spraying add a knockdown herbicide such as Amitrole T to the mixture. Apply to short growth. Apply just before or during the active growing season. Do not treat during the dry season. Time application so that rainfall afterwards will take the chemical down to the root zone for uptake by the roots. For application by Railway Tanker or Boom Sprayer apply in 400-800 litres water per hectare. For power spraying or hand spraying equipment apply the equivalent of at least 2000 litres per hectare. Ensure entire area is treated – including bare ground.
			4.5-7 kg/ha 18-36 kg/ha 27-40 kg/ha	Railway Tanker or Boom Sprayer – Initial Treatment: Annual Rainfall 0 - 500mm Annual Rainfall 500 – 1000mm Annual Rainfall 1000mm and over Use higher rates in the ranges shown on soils with high clay or organic matter content and where maximum duration of control is required.
			3.5-7 kg/ha 7-13.5 kg/ha 9-18 kg/ha	Re-Treatment: Annual Rainfall 0 - 500mm Annual Rainfall 500 – 1000mm Annual Rainfall 1000mm and over
			220-890g per 100L 890g-1.8kg per 100L 1.3-2kg per 100L	High Volume or Power Spraying – Initial Treatment: Annual Rainfall 0 - 500mm Annual Rainfall 500 – 1000mm Annual Rainfall 1000mm and over
			180-355g per 100L 355-670g per 100L 450-890g per 100L	Re-Treatment Annual Rainfall 0 - 500mm Annual Rainfall 500 – 1000mm Annual Rainfall 1000mm and over
Small Areas	Annual Grasses, Perennial Grasses and Broadleaf Weeds (except Nutgrass, Johnson Grass, Bindweed, and Russian Knapweed).	All States	90g in 15L Knapsack Per 20m ²	Apply evenly.
Bore Drains	Prickly Acacia, Mimosa Bush	Qld only	35.5 kg/ha	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.
Vineyards	Barnyard Grass, Crowsfoot Grass, Guinea Grass, Summer Grass, Barley Grass, Ryegrass, Wild Oats, Cobblers Pegs, Pigweed, Prince of Wales Feather, Amaranthus, Fat Hen, Mustard, Sowthistle, Capeweed, Wild Radish, Wild Turnip	All States	2-4 kg/ha	Band Treatment to crop rows. Apply to established vines (at least 3 years old). Apply to moist soil prior to emergence of weeds. Do not apply to vines of butt diameter less than 4cm. Use the lower rate where annual and winter weeds are to be controlled. Avoid spray drift or contact onto fruit or foliage.
	Winter Grass, Blackberry Nightshade, Thistles	Tas only		
	Annual Broadleaf Weeds & Some Annual Grasses	All States	83g/20m ²	Under racks – apply at harvest.
Non-Crop Areas	Sensitive Plant (Giant)	WA only	2-4 kg/ha Or 20-40g / 10L	Apply to moist soil.

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. Flush tank, pump, hose and boom with several changes of water after removing nozzle tips and screens (clean these parts separately). Keep from contact with fertilisers, insecticides, fungicides and seeds.

MIXING

Partly fill spray tank with water, and agitate while adding the 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 (Sprayseed), Diquat, paraquat, Amitrole, 2,4-D Amine and Ester, 2,4DB, 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 Tribunex, Rogor, Mataven, Hoegrass and Bayleton.

RESISTANT WEEDS WARNING:

GROUP	C	HERBICIDE
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ChemAg Diuron 900WG Herbicide ("Diuron") is a member of the Ureas group of herbicides. For weed resistance management Diuron is a Group C Herbicide.

Some naturally occurring weed biotypes resistant to Diuron 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 or other Group C herbicides.

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

PROTECTION OF CROPS, NATIVE AN OTHER NON-TARGET PLANTS:

Crop Rotations: DO NOT replant treated areas to any crop within 2 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.

Gladioli, Tulip, Daffodils: DO NOT replant treated areas to any crop within 1 year after treatment.

Pineapples and Sugarcane: Treated areas can be replanted to pineapple and sugarcane 1 year after last spray.

CROP DAMAGE:

Heavy rains after application of this product may cause severe crop damage, risk must be assumed by the user.

Crop Safety

Apples and Pears – DO NOT use under dwarf or semi-dwarf trees.

Grapevines – DO NOT apply to vines of butt diameter less than 4cm. On soils low in clay and organic matter, plant injury may occur if heavy rains follow treatment.

DO NOT USE ON SANDY OR GRAVELLY SOILS OR SOILS LOW IN ORGANIC MATTER.

AVOID CONTACT OF SPRAYS WITH CROP FOLIAGE OR FRUIT.

Drift Warning – DO NOT apply under weather conditions or from spraying equipment that may cause spray to drift onto nearby susceptible plants/crops, cropping lands or pasture.

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:

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

STORAGE AND DISPOSAL:

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 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:

Will irritate the eyes. Avoid contact with eyes and skin. Do not inhale dust or spray mist. When opening the container, preparing spray and using the prepared spray, wear cotton overalls buttoned to the neck and wrist and 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 131126). For further information refer to the Material Safety Data Sheet (MSDS).

CONDITIONS OF SALE: ChemAg Diuron 900WG Herbicide is supplied as a high grade material and is suitable for the purpose for which it is expressly intended and must be used in strict accordance with the directions of use. As climatic, geographical or biological variables and/or developed resistance may effect the results obtained. The use and results is therefore beyond the control of the manufacturer therefore no warranty, expressed or implied is given by ChemAg Pty Ltd regarding its suitability or efficacy for any purpose nor can ChemAg Pty Ltd accept any responsibility for any consequence whatsoever resulting from the use of this product, save for those non-excludable conditions implied by the Trade Practices Act or any State Legislation.

NRA Approval No: 53812 / 0901

Date of Manufacture:

Batch Number:

IN CASE OF EMERGENCY: PHONE 000, POLICE OR FIRE BRIGADE.