

CAUTION

KEEP OUT OF REACH OF CHILDREN
READ SAFETY DIRECTIONS BEFORE OPENING OR USING



Active Constituent: 500g/L DIURON
Solvent: 52g/L ETHYLENE GLYCOL

GROUP **C** HERBICIDE

For the control of weeds in certain crops, as per the Directions for Use table.

ALWAYS READ THE LABEL AND USE ONLY AS DIRECTED

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GENERAL INSTRUCTIONS

Before opening, carefully read Directions for Use, Protection of Livestock, Wildlife and Others, Safety Directions and First Aid Instructions.

APPLICATION

Pre-emergence of weeds: Apply to moist soil. Sufficient moisture in the form of rain or irrigation is necessary to move the chemical into the weed root zone.

Post-emergence of weeds: Spray when weeds are actively growing. DO NOT use on sandy, loamy or gravelly soil unless otherwise stated, as crop damage may result.

MIXING

Stir product or invert container several times before opening as settling may occur after storage for some weeks. When mixing, half fill the spray tank with water before adding the required amount of Flowable Diuron via the filter. While agitating this mixture, add the remaining water. For tank mixtures, follow the same procedure, adding the other herbicide when the spray tank is nearly full. Any surfactants should be added at the end of the mixing to minimise foaming. **Agitate continuously while carrying out spray operations.**

COMPATIBILITY

This product is compatible with Spray • Seed, Paraquat, Diquat, Nufarm Flowable Nutrazine, Nufarm Nutron 500, Nufarm Flowable Simazine, Nufarm Nutril, Nufarm Triflur 480, Amitrole T, 2,4-D Amine and MCPA herbicides. Add the required amount of product when the spray tank containing this product is nearly full and being continuously agitated. **Agitate continuously while carrying out spray operations.**

SELECTIVE USE IN CROPS

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 600 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.

Crop Damage

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

RESISTANT WEEDS WARNING

Diuron Liquid Herbicide is a member of the ureas group of herbicides and has the inhibitors of photosynthesis at photosystem II mode of action. For weed resistance management Diuron Liquid Herbicide is a group C herbicide. Some naturally-occurring weed

biotypes resistant to Diuron Liquid Herbicide and other inhibitors of photosynthesis at photosystem II 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 Liquid Herbicide or other inhibitors of photosynthesis at photosystem II herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, Nufarm Limited accepts no liability for any losses that may result from the failure of Diuron Liquid Herbicide to control resistant weeds.

PROTECTION OF WILDLIFE, FISH, CRUSTACEA & ENVIRONMENT

Dangerous to fish. DO NOT contaminate streams, rivers or waterways with the chemical or used container. DO NOT use the container for any other purpose.

PROTECTION OF CROPS, NATIVE & NON - TARGET PLANTS**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 pastures.

DO NOT drain or flush equipment or spray near desirable trees or other plants, or on areas where by movement of treated soil or by seepage, the herbicide may be absorbed by plant roots.

STORAGE AND DISPOSAL

Store in the closed, original container in a cool, well-ventilated area. Do not store for prolonged periods in direct sunlight. Store apart from fertilizers, insecticides and fungicides. Reseal immediately after use.

Triple or preferably pressure rinse containers before disposal. Add rinsings to spray tank. Do not dispose of undiluted chemicals on site. If recycling, replace cap and return clean containers to recycler or designated collection point.

If not recycling, break, crush, or puncture and bury 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 the eyes and skin. When opening the container, preparing spray and using the prepared 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: 13 1126).

If swallowed, and if more than 15 minutes from a hospital, induce vomiting, preferably using Ipecac Syrup APF.

For further information refer to the Material Safety Data Sheet (MSDS).

CONDITIONS OF SALE

"Nufarm Limited('Nufarm') shall not be liable for any loss injury damage or death whether consequential or otherwise whatsoever or howsoever arising whether through negligence or otherwise in connection with the sale supply use or application of this product. The supply of this product is on the express condition that the purchaser does not rely on Nufarm's skill or judgment in purchasing or using the same and every person dealing with this product does so at his own risk absolutely. No representative of Nufarm has any authority to add to or alter these conditions."

NRA Approval No.: 31702/0200

In case of emergency: Phone 1800 033498

Ask for shift supervision. Toll free 24 hours.

Registered Trade Mark of CropCare

DIRECTIONS FOR USE: RESTRAINTS:

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

DO NOT re-plant treated areas within 2 years of an application of this product except when otherwise stated on label.

DO NOT use wetting agents unless recommended.

DO NOT use on lawn or areas where turf is required.

DO NOT apply if heavy rain is expected.

Situation & Crop	Weeds Controlled	State	Rate	Critical Comments
Vineyards	Barnyard Grass, Crowsfoot Grass, Guinea Grass, Summer Grass, Barley Grass, Rye Grass, Wild Oats, Cobbler's Pegs, Pigweed, Prince of Wales Feather, Amaranthus, Fat Hen, Mustard, Sow Thistle, Capeweed, Wild Radish, Wild Turnip	All States	3.5 - 7.2L/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.
Citrus	Weeds as above			High volume or boom spraying. Apply a minimum of 300 - 500 litres of 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 170mL Nufarm Surfactant 600 per 100L spray mixture. Avoid spray drift or contact onto fruit or foliage.
	Billygoat Weed (Bluetop), Blackberry Nightshade, Feathertop (White Foxtail), Red Natal Grass, Redshank (Prince of Wales Feather), Rhodes Grass, Spiny Burrgrass, Wintergrass (Goosegrass), Wireweed (Hogweed)	Qld, Vic, Tas, SA, WA only		
Perennial Grass Seed Crops	Barnyard Grass, Crowsfoot Grass, Guinea Grass, Summer Grass, Barley Grass, Rye Grass, Wild Oats, Cobbler's Pegs, Pigweed, Prince of Wales Feather, Amaranthus, Fat Hen, Mustard, Sow Thistle, Capeweed, Wild Radish, Wild Turnip	SA, Vic, Tas only	2.8 - 4.5 L/ha	Boom Spray. Apply during the dormant period before weeds emerge. Use the higher rate on heavier soils and in areas where ash residues may have accumulated from burning straw. Apply to established planting (i.e. at least one year old) of Phalaris, Currie Cocksfoot and Demeter Fescue.
		Qld, NSW, WA only	5.5 - 6L/ha	
		All States	3.5L/ha	Apply as a follow-up spray in second year.
Bananas		NSW, Qld only	3.5 - 7.2L/ha	Directed Spray to New Plantings immediately after planting. Care should be taken to avoid spraying banana suckers. Directed Spray to established planting before weed emergence. Care should be taken to avoid spraying banana suckers. Use higher rates on heavier soils.
	Billygoat Weed (Bluetop)	Qld only	3.5 - 7.2L/ha	
Cotton	Barnyard Grass, Crowsfoot Grass, Guinea Grass, Summer Grass, Barley Grass, Rye Grass, Wild Oats, Cobbler's Pegs, Pigweed, Prince of Wales Feather, Amaranthus, Fat Hen, Mustard, Sow Thistle, Capeweed, Wild Radish, Wild Turnip	NSW, Qld only	1.8 - 3.5L/ha	Pre-emergence. Spray bare, moist soil immediately after planting. Check nozzle output of boom sprayer and adjust speed and pressure to deliver 150-500L per hectare. Post-emergence. Apply when cotton is at least 30cm high or immediately after last cultivation. Use 300-500L water per hectare as a directed spray to cover area beneath cotton plants and between rows. If annual weeds are present, add 170mL Nufarm Surfactant 600 per 100L spray mixture. Use higher rates on soils high in organic matter or clay. Avoid spray drift onto cotton plants as injury may result. DO NOT apply more than once per season. DO NOT plant other crops within one year of application.
Pineapples		Qld, NSW only	7.2L/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.
			7.2L/ha	Plant Crops. Apply after planting and before weed emergence. Repeat as necessary.
			3.5L/ha	Repeat Spray. If necessary, but not less than 2 monthly intervals. Do not apply more than 14.4L per hectare (i.e. 2 blanket applications) before fruit

Situation & Crop	Weeds Controlled	State	Rate	Critical Comments
Pineapples (cont.)			7.2L/ha 3.5L/ha	differentiation or flower bud formation, no more than 20L per sprayed hectare per plant crop. After flower bud formation treat inter row spaces only. Ratoon Crop: Apply immediately prior to the first rains on weed free soil. Repeat spray. Instructions as above for repeat spray.
Sugar Cane	Barnyard Grass, Crowsfoot Grass, Guinea Grass, Summer Grass, Barley Grass, Rye Grass, Prince of Wales Feather, Amaranthus, Fat Hen, Mustard, Sow Thistle, Capeweed, Wild Radish, Wild Turnip	NSW, Qld only	5.6 - 7.2L/ha 5.6 - 7.2L/ha 3.5L/ha 5.6 - 7.2L/ha plus 200mL Chemwet 1000 per 100L spray mixture	In all areas except the Burdekin, apply immediately after planting or harvesting the crop and before crop, weeds and grasses emerge. Band or overall spray. Apply after planting or harvesting and before crop emergence. Directed Spray. After cultivation to emerged cane. Apply at this rate after crop emergence if an application was made at planting or after harvesting. Apply where emerged annual weeds or grasses (15cm or less in height) are present at spraying time. When Chemwet 1000 is added, apply as a direct spray, avoiding contact with the cane spindle.
Lucerne (at least one year established)	Barnyard Grass, Crowsfoot Grass, Guinea Grass, Summer Grass, Barley Grass, Rye Grass, Wild Oats, Cobbler's Pegs, Pigweed, Prince of Wales Feather, Amaranthus, Fat Hen, Mustard, Sow Thistle, Capeweed, Wild Radish, Wild Turnip	All States	3.5L/ha	Apply just prior to or at weed emergence. Apply during the crop dormancy period (in subtropical areas from June to August). DO NOT use on Winter-active varieties of lucerne. Treated areas should not be planted to any crop for one year after application except cotton, corn or grain sorghum which can be planted the following spring.
Wheat & Barley	Capeweed, Charlock, Deadnettle, Ice-plant, Melilotus, Mustards, Rough Poppy, Saffron Thistle, Sheepweed, Three Corner Jack, Wild Turnip, Yellow Burr Weed	SA only	850mL/ha	Boom Spray: Post Emergence. Apply when the crop has reached the 2-4 leaf stage. Sow the crop at least 5cm deep. Spray when weeds have germinated and are in the 2-4 leaf stage, are actively growing and less than 6 weeks old.
Wheat, Barley & Triticale	Soursob		1.3 - 1.7L/ha	Boom Spray: Sow the crop at least 5cm deep. Apply when crop is in the 2-5 true leaf stage. Use lower rate on lighter soil. NSW: Some crop damage may occur at 2L per hectare.
		NSW only	2L/ha	
Wheat, Barley, Triticale, Cereal Rye	Capeweed, Mustard, Three Corner Jack, Turnip Weed, Wild Radish, Wild Turnip	SA only	500mL/ha plus 350mL Nufarm MCPA 500	Apply by boom spray or aircraft when crop is at the 3-5 leaf stage (SA & NSW only) and 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 undersown medic or lucerne. Do not use on Kamilaroi, Olympic or Shortim Wheat.
	Amsinckia (Yellow Burr), Capeweed, Charlock, Deadnettle, Doublegee (Spiny Emex), Erodium sp., Mustard, Turnip Weed, White Ironweed (Corn Gromwell, Sheepweed), Wild Radish, Wild Turnip	NSW, Vic only	500mL/ha plus 500mL Nufarm MCPA 500	
Wheat, Barley, Oats	Capeweed, Doublegee, Erodium, London Rocket, Lupin, Mustard, Rapistrum, Wild Radish, Wild Turnip, Storksbill	WA only	350mL/ha plus 400mL Nufarm MCPA 500 400mL/ha plus 500mL Nufarm MCPA 500 500mL/ha plus 250mL Nufarm Amicide 500	Apply according to crop stage using boom spray or aircraft with 20-100L water/ha. 3-4 leaf stage (Zadoks 13-14). 4-5 leaf stage (Zadoks 14-15). 4-6 leaf stage (Zadoks 14-16). Apply when most weeds have germinated and are in 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 medics. DO NOT use above treatments on crops grown on very light sandy soils low in organic matter and liable to drift. DO NOT apply above treatments later than 6 weeks after planting.

Situation & Crop	Weeds Controlled	State	Rate	Critical Comments
Wheat, Barley, Oats (cont.)	Capeweed, Charlock, Corn Gromwell (Sheepweed, Ironweed), Deadnettle, Common Iceplant, Mustards, Rough Poppy, Saffron Thistle, Three-cornered Jack (Doublegee, Spiny Emex), Wild Turnip, Aminsinkia (Yellow Burrweed)	NSW, Vic, SA only	900mL/ha	Crop: Sow the crop at least 5cm deep. Apply when the crop has reached the 2 to 4 leaf stage (Zadoks 12 - 14). Weeds: Apply when weeds are actively growing. Apply at the 2 to 4 leaf stage but when weeds are less than six weeks old.
Lupins	Capeweed, Doublegee, Wild Radish, Wild Turnip	WA only	2L/ha	DO NOT use on white or grey sands as severe crop damage may result. Use at this rate where no grass weeds are present. Apply at pre-sowing - pre-emergent stage.
			2L/ha plus 1.25L Triflur 480	Use tank mix of Diuron plus Trifluralin where Annual Ryegrass is present. Apply at pre-sowing stage.
Irrigation Channels and Drainage Ditches	Annual Grasses, Perennial Grasses and Broadleaf Weeds	All States except NSW	72 - 144L/ha OR 720mL - 1.4L per 100 square metres	High Volume or Power Spraying. Apply in 2000L of water. Apply during the non-crop season and when channel is not in use. Soil should be moist and preferably bare, i.e. after regrading and cleaning channels. Apply prior to expected seasonal rainfall so as to "fix" it into soils. 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. Use lower rate on lighter soils. Do not use channels or ditches for horticultural irrigation for 8 weeks after treatment.
		NSW	40L/ha	
Asparagus	Amaranthus, Barley Grass, Barnyard Grass (Water Grass), Capeweed, Cobbler's Peg, Milk Thistle (Sowthistle), Crowsfoot Grass, Fat Hen (White Goosefoot), Guinea Grass, Mustards, Pigweed,	All States	2.7 - 3.5L/ha	Apply to established crop after beds have been hilled and before crop has emerged. Use higher rates on heavier soils. Application should give 10-14 weeks free of weeds. Post-emergence application may be made, but spray should only contact base of stems. Do not apply to seedling asparagus.
Duboisia	Summer Grass, Wild Oats, Wild Radish, Wild Turnip, Wimmera Ryegrass (Annual Ryegrass),	Qld only	4L/ha	Apply as a pre-emergent band spray to mature Duboisia plants (over 12 months old) following harvest. Can be tank mixed with paraquat and diquat for knockdown of established weeds. DO NOT use on very light sandy or gravelly soils as crop damage may occur. Best results are achieved if rainfall or irrigation occurs within 3 to 4 days of application.
Pawpaws (trees at least 9 months old)		Qld, NSW only	3.5 - 7L/ha	Avoid contact with plants. Use higher rate on heavier soils.
			3.5 - 7L/ha PLUS 1.4 - 2.1L Gramoxone#/ha	Use Gramoxone# if weeds are more than 8cm high. Add 100L Spraymate Activator/100L spray (i.e. 30mL/15L knapsack). Apply in at least 200L water per hectare by high volume spray equipment. Use the higher rate for dense weed growth.
Coffee	Amaranthus, Barley Grass, Barnyard Grass (Water Grass), Capeweed, Cobbler's Peg, Milk Thistle (Sowthistle), Crowsfoot Grass, Fat Hen (White Goosefoot), Guinea Grass, Mustards, Pigweed, Summer Grass, Wild Oats, Wild Radish, Wild Turnip, Wimmera Ryegrass (Annual Ryegrass), Billygoat Weed (Bluetop), Sourgrass	Qld only	7.0L/ha	Initial Application: Destroy all vegetative growth by spraying with Gramoxone# before applying Diuron Flowable.
			1.8 to 3.5L PLUS 700mL to 1.4L Gramoxone# PLUS 250mL Spraymate Activator	Subsequent Application: Frequency will depend on regrowth. Use higher rates if weed growth is dense.

Situation & Crop	Weeds Controlled	State	Rate	Critical Comments
Rights of Way, Commercial & Industrial areas	Annual Grasses, Perennial Grasses and Broadleaf weeds	All States	8 - 32L/ha 32 - 64L/ha 48 - 72L/ha	Railway Tanker or Boom Sprayer - Initial Treatment. Annual rainfall 0 to 500mm. Annual rainfall 500 to 1000mm. Annual rainfall 1000mm and over. Retreatment Annual rainfall 0 to 500mm. Annual rainfall 500 to 1000mm. Annual rainfall 1000mm and over.
			400mL - 1.6L/100L 1.6 - 3.2L/100L 2.4 - 3.6L/100L	High Volume or Power Spraying - Initial Treatment. Annual rainfall 0 to 500mm. Annual rainfall 500 to 1000mm. Annual rainfall 1000mm and over. Retreatment Annual rainfall 0 to 500mm. Annual rainfall 500 to 1000mm. Annual rainfall 1000mm and over.
			320-640mL/100L 640mL-1.2L/100L 800mL-1.6L/100L	15L Knapsack - Initial Treatment Annual rainfall 0 to 500mm. Annual rainfall 500 to 1000mm. Annual rainfall 1000mm and over. Retreatment Annual rainfall 0 to 500mm. Annual rainfall 500 to 1000mm. Annual rainfall 1000mm and over.
			300mL/150m ² 720mL/150m ² 900mL/150m ²	15L Knapsack - Initial Treatment Annual rainfall 0 to 500mm. Annual rainfall 500 to 1000mm. Annual rainfall 1000mm and over. Retreatment Annual rainfall 0 to 500mm. Annual rainfall 500 to 1000mm. Annual rainfall 1000mm and over.
				If moderate weed growth i.e. greater than 15cm in height is present at the time of spraying add a knock-down 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 chemicals 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 or hand spraying equipment apply the equivalent of at least 2000L per hectare.
Daffodils, Gladioli, Tulips	Seedling weeds as listed for Asparagus	All States	3.5L/ha	Apply as pre-emergence spray, but not less than 4 weeks prior to bulbs emergence. DO NOT re-plant treated areas to any crop within one year after treatment, as crop damage may occur.

NOT TO BE USE FOR ANY PURPOSE, OR IN ANY MANNER, CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION.

WITHHOLDING PERIOD: NOT REQUIRED WHEN USED AS DIRECTED