

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

DACONATE[®]
POST EMERGENCE HERBICIDE

ACTIVE CONSTITUENT: 800 g/L MSMA

GROUP K HERBICIDE

Controls Annual & Perennial Grasses & Burrs in Cotton,
Annual & Perennial Grasses in Sugarcane,
Grass Weeds in Couch Turf, Prickly Pear
& Grasses & Burrs in Non-Crop Areas
as specified in the Directions for Use table.

IMPORTANT: READ THE ATTACHED LEAFLET BEFORE USING THIS PRODUCT

CONTENTS: 10 & 20 LITRE

Crop Care Australasia Pty Ltd, 77 Tingira Street, Pinkenba Qld 4008

STORAGE AND DISPOSAL

Store in the closed, original container in a well-ventilated area as cool as possible and away from children, animals, food, feedstuffs, seed and fertilizers. DO NOT store for prolonged periods in direct sunlight. 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, 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

Poisonous if absorbed by skin contact or swallowed. May irritate the eyes and skin. Avoid contact with eyes and skin. When preparing the spray and using the prepared spray wear cotton overalls buttoned to the neck and wrist and a washable hat and rubber gloves. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. 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.

Additional information is listed in the Material Safety Data Sheet No. 42321.

Conditions of sale

Crop Care Australasia Pty Ltd will not accept any responsibility whatsoever and howsoever arising and whether for consequential loss or otherwise in connection with the supply of these goods other than responsibility for the merchantable quality of the goods and such responsibilities mandatorily imposed by Statutes applicable to the sale or supply of these goods. To the extent allowed by such Statutes the liability of Crop Care Australasia Pty Ltd is limited to the replacement of the goods or the refund of the price paid and is conditional upon a claim being made in writing and where possible sufficient part of the goods to enable proper examination being returned to Crop Care Australasia Pty Ltd within thirty days of delivery.

In a Transport Emergency Dial 000 Police or Fire Brigade	SPECIALIST ADVICE IN EMERGENCY ONLY 1800 033 111 ALL HOURS - AUSTRALIA WIDE
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Daconate is a Registered Trade Mark.

NRA Approval No. 49007/1102



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DIRECTIONS FOR USE RESTRAINTS

DO NOT cut, mow or cultivate treated areas that have been sprayed for 14 days as this can reduce herbicide action.
DO NOT spray if rain is expected within 6 hours.

CROP/ SITUATION	WEEDS CONTROLLED	STATES	RATE	CRITICAL COMMENTS
COTTON	Bathurst burr (<i>Xanthium spinosum</i>) Columbus grass (<i>Sorghum almum</i>) Johnson grass * (<i>Sorghum halepense</i>) Noogoora burr (<i>Xanthium pungens</i>) Nut grass ** (<i>Cyperus rotundus</i>) Paspalum * (<i>Paspalum dilatatum</i>)	Qld, NSW, WA only	2.8 L/ha in 300 L of water 1 L/ha of crop sown in 100 L of water when treating 1/3 of area sown 2.8 L/ha in 25 - 80 L of water	Apply as a directed overall spray to base of cotton plants after cotton is 70 mm high and before first bloom opens. Repeat 3 weeks later if necessary Apply as a band spray after cotton is 70 mm high and before first bloom opens. Direct band to base of cotton plants. Repeat 3 weeks later if necessary
SUGARCANE	Barnyard grass (<i>Echinochloa crus-galli</i>) Crab grass/Summer grass (<i>Digitaria sanguinalis</i>) Green Summer grass (<i>Brachiaria mliformis</i>) Itch grass (<i>Rottboellia cochinchinensis</i>)	Qld, NSW only	3 to 6 L/ha	Apply by aircraft after cotton is 70 mm high and before first bloom opens. Non-directed spraying can result in some red discolouration of cotton foliage Whenever sugarcane is sprayed directly with Daconate or mixtures containing Daconate some visual damage is to be expected. Usually this will grow-out within 3 weeks. Some sugarcane varieties are more sensitive to herbicide spray damage than others and the non directed, full cover spraying, of a susceptible sugar cane variety at a vulnerable stage of cane growth, can result in unacceptable crop phytotoxicity. Local varietal responses should be confirmed before any full cover spraying of large areas is undertaken. Apply as a directed spray. Minimise, so far as practicable, contact with sugarcane foliage which will be 50 - 80 mm high at time of spraying. Select a lower rate than 6.0 L/ha if target grasses are not beyond early tillering stage, or when using tank-mix with either Diurex ® WG or Velpar® K4. The addition of Agral wetting agent will improve the activity

CROP/ SITUATION	WEEDS CONTROLLED	STATES	RATE	CRITICAL COMMENTS
SUGARCANE cont.	Guinea grass (<i>Panicum maximum</i>)	Qld only	<p><u>Initial Boom Spray Treatment</u> 3 L/ha. Tank mix with 1.1 kg/ha of Diurex® WG. Apply in a minimum of 300 L of water per ha.</p> <p>Add 100 mL of Agral wetting agent/100 L of spray solution</p> <p><u>Follow up Boom Spray Treatment</u> 3 L/ha in a minimum of 300 L of water/ha</p> <p><u>Follow up Spot Spray Treatment</u> 1 L plus 550 g Diurex WG per 100 L of water</p>	<p>Apply as a directed spray in fine clear weather to prevent Guinea grass establishing in plant cane or early ratoon cane. Minimise, so far as practicable, contact with sugarcane foliage which can be 50 - 80 cm high at time of spraying. Best results are achieved if spraying takes place when Guinea grass is at the seedling stage when stools are small. Spraying at this time generally means only one spray application is needed. Use sufficient spray volume to thoroughly wet all Guinea grass plants. If weeds are large and dense then a water volume greater than 300 L/ha will be required. Under certain circumstances (for example when the Guinea grass population is very dense) the herbicide tank mixture can be applied over the top of the sugarcane. Whenever sugarcane is sprayed directly with Daconate or mixtures containing Daconate some visual damage is to be expected. Usually this damage will grow out within 3 weeks. Some sugarcane varieties are more sensitive to herbicide spray damage than others and the non directed, full cover spraying, of a susceptible sugar cane variety at a vulnerable stage of cane growth, can result in unacceptable crop phytotoxicity. Local varietal responses should be confirmed before any full cover spraying of large areas is undertaken. Assess the sprayed area 3 weeks after initial treatment. Follow up with another directed boom spray application or a spot spray treatment. The method of treatment used will depend on the weed population remaining and/or the number of Guinea grass plants still having central green leaves. If storm rain falls after treatment it is important to monitor for the emergence of new Guinea grass seedlings.</p>

CROP/ SITUATION	WEEDS CONTROLLED	STATES	RATE	CRITICAL COMMENTS
SUGARCANE cont.	Vasey grass (<i>Paspalum urvillei</i>) or Giant paspalum	Qld, NSW only	6 L/ha in a minimum of 300 L of water. Add 200 mL of Agral wetting agent per 100 L of spray solution	Apply as a directed spray in fine clear weather to prevent Vasey grass establishing in plant cane or early ratoon cane. Minimise, so far as practicable, contact with sugarcane foliage which can be 50 - 80 cm high at time of spraying. Best results are achieved if spraying takes place when paspalum is at the seedling stage when stools are small. Use sufficient spray volume to thoroughly wet all Vasey grass plants. If weeds are large and dense then a water volume greater than 300 L/ha will be required. Directed spray application from both sides of the cane row is effective and relatively safe on the cane. Under certain circumstances (for example when the Vasey grass population is very dense) the herbicide may be applied over the top of the sugarcane. Whenever sugarcane is sprayed directly with Daconate some visual damage is to be expected. Usually this will grow out within 3 weeks. Some sugarcane varieties are more sensitive to herbicide spray damage than others and the non directed, full cover spraying, of a susceptible sugar cane variety at a vulnerable stage of cane growth, can result in unacceptable crop phytotoxicity. Local varietal responses should be confirmed before any full cover spraying of large areas is undertaken.
SUGARCANE Spot Spraying only	Barnyard grass (<i>Echinochola crus-galli</i>) Crab grass/Summer grass (<i>Digitaria sanguinalis</i>) Green Summer grass (<i>Bracharia miliformis</i>) Itch grass (<i>Rottboellia cochinchinensis</i>) Wild Sorghum (<i>Sorghum verticilliflorum</i>)	Qld only	1 L in 100 L of water. Add 100 mL of Agral wetting agent/100 L of spray	Spot spray grass weeds in ratoon sugarcane avoiding contact with the sugarcane foliage. To improve weed spectrum or residual weed control add Diurex WG at 550 g /100 L spray solution.
	Vasey grass (<i>Paspalum urvillei</i>) or Giant Paspalum	Qld, NSW only		

CROP/ SITUATION	WEEDS CONTROLLED	STATES	RATE	CRITICAL COMMENTS
TURF COUCH (<i>Cynodon dactylon</i>) BUFFALO AND CLOVER LAWNS OR TURF ONLY GREEN COUCH (<i>Cynodon dactylon</i>) AND HYBRIDS OF GREEN COUCH ONLY	Crab grass/Summer grass (<i>Digitaria sanguinalis</i>)	WA only	6 L/ha in 300 L of water for boom application	Do not apply to bent, Qld blue couch (<i>Digitaria spp.</i>), fescue, blue grass or dichondra lawns or turf as severe damage can occur. Turf may yellow temporarily but this will disappear after mowing. Do not mow for 4 days before or 7 days after application. Do not water for 4 days after application. If Crab grass has not been killed in 14 days repeat application.
	Crab grass/Summer grass (<i>Digitaria sanguinalis</i>) Paspalum (<i>Paspalum dilatatum</i>)	Qld, NSW only	6 L/ha in 300 L of water for boom application or 3 L/ha applied twice approx. 7 - 10 days apart	Do not apply to Qld blue couch (<i>Digitaria spp.</i>), bent, fescue, blue grass, kikuyu or dichondra lawns or turf as severe damage or death can occur. Turf may yellow temporarily but this will disappear after mowing. A split application of 3 L/ha applied twice, with 7 - 10 days between applications will reduce yellowing of the turf or lawn. Do not mow for 4 days before or 4 days after application. Do not water for 2 days after application. Weeds should be sprayed when young and actively growing. If weeds have not been killed 14 days after spraying (at 6 L/ha), repeat the application. As some phytotoxicity to couch may occur when temperatures are high, avoid use at these times.
NON-CROP AREAS ROADSIDES FENCELINES STORAGE AREAS	Bathurst burr (<i>Xanthium spinosum</i>) Johnson grass * (<i>Sorghum halepense</i>) Noogoora burr (<i>Xanthium pungens</i>) Nut grass ** (<i>Cyperus rotundus</i>) Paspalum * (<i>Paspalum dilatatum</i>) Spiny burr grass (<i>Cenchrus incertus</i>) and most annual Summer grasses	Qld, NSW, Vic, SA, WA only	10 - 12 L/ha in 500 L of water for boom application or 1 L per 100 L of water for spot spraying	Use lower rate for seedling weeds. Repeat 3 - 4 weeks later on established perennial weeds.

CROP/ SITUATION	WEEDS CONTROLLED	STATES	RATE	CRITICAL COMMENTS
CONTROL OF PRICKLY PEAR	Common Prickly Pear (<i>Opuntia stricta</i>) Devils Rope (<i>Opuntia imbricata</i>) Drooping Prickly Pear (<i>Opuntia vulgaris</i>) Indian Fig (<i>Opuntia ficus-indica</i>) Wheel Cactus (<i>Opuntia robusta</i>) and (<i>Opuntia leucotricha</i>) (<i>Opuntia phaeocantha</i>)	SA only	1 L in 40 L of water	Apply during summer using a power sprayer when air temperature is above 30 °C. Thoroughly cover all pad surfaces. Respray any regrowth that may occur.

Note: * Paspalum and Johnson grass - a repeat application 3 weeks after initial treatment is required for best control.

** Repeat applications on Nut grass will reduce this weed but may not eradicate it

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

THIS PRODUCT IS TOO HAZARDOUS TO BE RECOMMENDED FOR USE IN THE HOME GARDEN

WITHHOLDING PERIOD:

DO NOT GRAZE OR CUT FOR STOCK FEED FOR 5 WEEKS AFTER APPLICATION.

GENERAL INSTRUCTIONS:

This product contains a high level of surfactant. Additional wetting agent should not be required except as directed for use in Sugarcane. Apply under hot, dry conditions when air temperature is above 25° C for best results. For couch in NSW see Critical Comments. Thorough spray coverage of weed foliage is required for good results. Spray is absorbed mainly through plant foliage and spray solution reaching the soil is inactivated. Treated weeds yellow and brown 3 - 10 days after treatment.

Resistant weeds warning

Daconate Post Emergence Herbicide is a member of the group of herbicides with diverse sites of action. For weed resistance management Daconate is a Group K herbicide. Some naturally occurring weed biotypes resistant to Daconate may exist through normal genetic variability in any weed population. The resistant individuals can eventually dominate the weed population if this herbicide is used repeatedly. These resistant weeds will not be controlled by Daconate.

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

MIXING: The product mixes readily with water. Add to half full tank with agitation, and then finish filling tank.

CLEANING UP: Wash out equipment with clean water immediately after use.

COMPATIBILITY: Tank mixes with other herbicides including 2,2,-DPA, diuron, hexazinone, bromacil, fluometuron, sodium TCA, and amines and esters of 2,4-D can be made for specific weeds and/or residual control.

PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

DO NOT apply under weather conditions or from spraying equipment which may cause spray to drift onto nearby susceptible plants/crops, cropping lands or pastures.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

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

STORAGE AND DISPOSAL

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