## CAUTION

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

# Prometryn 900DF

## Herbicide

ACTIVE CONSTITUENT: 900 g/kg PROMETRYN



For the control of early competing weeds in carrots, chickpeas, cotton, potatoes, sunflowers, peanuts and other crops as per the Directions for Use table.

IMPORTANT: READ THE ATTACHED LEAFLET BEFORE USING THIS PRODUCT.

Net Content: 10 kg

Nufarm Australia Limited ACN 004 377 780 103-105 Pipe Road Laverton North Victoria 3026 Tel: (03) 9282 1000 Fax: (03) 9282 1001



## STORAGE AND DISPOSAL

Store in the closed, original container in a dry, cool well ventilated area out of direct sunlight. Shake empty into spray tank. Single rinse before disposal. Add rinsings to spray tank. Do not dispose of undiluted chemicals on site. Puncture or shred 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

Avoid contact with eyes and skin. DO NOT inhale spray mist. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water.

## **FIRST AID**

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone 13 11 26.

## MATERIAL SAFETY DATA SHEET

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

## CONDITIONS OF SALE

"Nufarm Australia 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."

APVMA Approval No: 46814/10K/0604

**In case of emergency: Phone 1800 033 498** Ask for shift supervisor. Toll free 24 hours.

Batch No:

Date of Manufacture:

Barcode:

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Net Content: 500kg Contains 50 x 10kg measure packs which is illegal to sell separately.

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APVMA Approval No: 46814/500K/0604

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Batch No:

Date of Manufacture:

Barcode:

Text for: 10kg inner bags/ measure packs

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# Prometryn 900DF

## Herbicide

Active constituent: 900 g/kg PROMETRYN



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NOT TO BE SOLD SEPARATELY. BEFORE USE READ ALL DIRECTIONS ON THE OUTER PACK AND ATTACHED LEAFLET.

Net Contents: 10kg

Nufarm Australia Limited 103-105 Pipe Road Laverton North Victoria 3026 Tel: (03) 9282 1000 Fax: (03) 9282 1001

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READ THOROUGHLY BEFORE USE

Nufarm Australia Limited ACN 004 377 780 103-105 Pipe Road Laverton North Victoria 3026 Tel: (03) 9282 1000 Fax: (03) 9282 1001



APVMA Approval No: 46814/0604

for all Date: 29.04.04

## DIRECTIONS FOR USE

**RESTRAINTS** DO NOT spray when dry conditions prevail. DO NOT apply by aircraft.

Situation & Crop	Weed Controlled	State	Rate per Hectare	Critical Comments
Carrots pre-emergent	Amaranth (Powell's, Slim and Redroot), Amsinckia, Blackberry Nightshade, Capeweed, Charlock, Chickweed, Common Spurry, Corn Gromwell, Fumitory (Common, White and Dense Flowered), Fat Hen, Hedge Mustard, Hexham Scent, Indian Hedge Mustard, Lesser Nettle, Mountain Sorrel, Rough Poppy, Three-cornered Jack, Wild Radish. <b>Pre-emergent</b> suppression of Annual Ryegrass, Barnyard Grass, Prairie Grass and Summer Grass.	NSW, Vic, Tas only	1.2 to 1.8 kg	Apply onto bare moist soil within 2 to 3 days of planting. Use the lower rate on sandy soils.
	Common Sowthistle, Common Thornapple, Deadnettle, Fat Hen, Green Amaranth, Lesser Swinecress, Pigweed, Potato Weed, Stinking Roger. <b>Pre-emergent</b> suppression of Barnyard Grass and Crowsfoot Grass.	Qld only		_
		SA, WA only	610g	
Carrots at least 1 true leaf	Less than 4 true leaves: Amaranth (Powell's Slim and Redroot), Amsinckia, Blackberry Nightshade, Capeweed, Chickweed, Common Spurry, Corn Gromwell, Fumitory (Common, White and Dense Flowered), Fat Hen, Lesser Nettle, Mountain Sorrel, Rough Poppy, Three- cornered Jack.	NSW, Vic, Tas, SA, WA only	944g to 1.2 kg	Spray when weeds are young and actively growing. Use the higher rate on heavy soils and for Three-cornered Jack.
<b>Celery</b> up to 3 weeks after transplanting	Amaranth, Bladder Ketmia, Chickweed, Dwarf Nettle, Fat Hen, Nettles, Pigweed, Potato Weed, Radish, Shepherd's Purse, Sowthistle, Wild Turnips.	Qld only	555g to 1.8 kg	Apply to moist soil. Use the lower rate on sandy soils. Some grasses are also controlled.
<b>Celery</b> up to 4 weeks after transplanting	Amaranth (Powell's, Slim and Redroot), Amsinckia, Blackberry Nightshade, Capeweed, Charlock, Chickweed, Common Spurry, Corn Gromwell, Fumitory (Common, White and Dense Flowered), Fat Hen, Hedge Mustard, Hexham Scent, Indian Hedge Mustard, Lesser Nettle, Mountain Sorrel, Rough Poppy, Three-cornered Jack, Wild Radish. <b>Pre-emergent</b> suppression of Annual Ryegrass, Barnyard Grass, Prairie Grass and Summer Grass.	NSW, Vic, SA, WA only	1.2 to 1.8 kg	Apply onto moist soil. Use the lower rate in SA.
Chickpeas	Deadnettle, Indian Hedge Mustard, Lesser Swinecress, Milk Thistle, Prickly Lettuce, Purple Goosefoot, Shepherd's Purse, Turnip Weed, Wire-weed and suppression of Black Bindweed and Paradoxa Grass	NSW, Qld, SA only	830 g + 1.5 L Flowable Simazine 500 or 830 g Simazine 900DF	Apply immediately post-planting. Application should not be made to ridged or excessively cloddy soil. For reliable results significant rain, 20- 30mm is necessary within 2-3 weeks of sowing.

# Text for: Label leaflet for all pack sizes

r all Date: 29.04.04

Situation & Crop	Weed Controlled	State	Rate per Hectare	Critical Comments
Cotton (pre-emergent)	Barnyard Grass, Bathurst Burr, Bellvine, Blackberry Nightshade, Black Pigweed, Bladder Ketmia, Boggabri weed, Caltrop (Yellow Vine), Caustic weed, Common Sowthistle, Common Thornapple, Cowvine (peachvine), Fat-hen, Green Amaranth, Mint-Weed, Mossman River grass, Noogoora Burr, Pigweed, Prickly Paddy Melon, Redroot Amaranth, Slim Amaranth, Summer Grass, Wild Gooseberry	only 610 g -	1.8 - 2.5 kg	Apply onto bare moist soil or irrigate within 3 days of spraying. Apply the lower rate if overhead irrigating. Some mechanical cultivating may be required.
Cotton 15 cm high			610 g - 1.2 kg	<b>Early spraying:</b> Apply as a directed spray when the weeds are not more than 5cm high. Add a surfactant such as Spraymate Activator or Chemwet. Use lower rates on light soils.
Cotton after last cultuvation			1.2 - 2.5 kg	Late spraying: Apply as a directed spray. The weeds should not be more than 8cm high and actively growing. Add a surfactant such as Spraymate Activator or Chemwet. Use lower rates on light soils.
Cotton Maintenance of fallow areas and after furrowing-up prior to planting	The above plus winter annuals such as: Amsinckia, Capeweed, Chickweed, Common Spurry, Corn Gromwell, Deadnettle, Fumitory (Common, White and Dense Flowered), Lesser Nettle, Mountain Sorrel, Rough Poppy, Threecornered Jack, also Hedge Mustard, Hexham Scent, Indian Hedge Mustard, Powell's Charlock, Wild Radish – less than 4 true leaves	NSW and Qld only	1.2 - 2.5 kg	Apply onto bare moist soil or when rain is imminent as a pre-emergent treatment to weeds or as an early post-emergent treatment to weeds after cultivation or listing (furrowing- up). Use the lowest rate when short term weed control is required. If conditions remain dry after application, as a pre-emergent treatment, lightly incorporate to a depth of approximately 5 cm.
Pastures from 5 leaf stage onwards (Not legume seed crops)	Less than 4 true leaves: Amaranth (Powell's, Slim and Redroot), Amsinckia, Blackberry Nightshade, Capeweed, Chickweed, Common Spurry, Corn Gromwell, Deadnettle, Fumitory (Common, White and Dense Flowered), Fat Hen, Lesser Nettle, Mountain Sorrel, Rough Poppy, Three-cornered Jack.	Sthn NSW, Vic, SA, WA only	305 to 470g	Use the higher rate where weeds are in the 4 true leaf stage
	Less than 4 true leaves: Charlock, Hexham Scent, Hedge Mustard, Indian Hedge Mustard, Wild Radish.		305 to 470g plus 480 mL of a 250 g/L MCPA	
Perennial Grass Seed Crops- Sirocco, Phalaris, Demeter Fescue, Currie Cocksfoot, Medea Ryegrass 3 to 6 leaf stage	Less than 4 true leaves: Amaranth (Powell's, Slim and Redroot), Amsinckia, Blackberry Nightshade, Capeweed, Chickweed, Common Spurry, Corn Gromwell, Furnitory (Common, White and Dense Flowered), Fat Hen, Lesser Nettle, Mountain Sorrel, Rough Poppy, Three- cornered Jack	NSW, Vic, SA, WA only	610g to 1.2 kg	Spray when weeds are young and actively growing. Use the higher rate on heavy soils and for Three-cornered Jack DO NOT use more than 610g per ha on Medea Ryegrass
Perennial Rye Grass Seed Crops 3 to 6 leaf stage		Tas only		
Peanuts (pre-emergent)	Bladder Ketmia, Caltrop (Yellow Vine), Common Thornapple, Green Amaranth, Pigweed, Redroot Amaranth and suppression of Bellvine	Qld only	1.6 - 2.2 kg	Apply onto bare moist soil, at or within 2 to 3 days of sowing. Rainfall or irrigation is required to move the herbicide into the weed root zone. Sufficient rain or irrigation to thoroughly wet the soil through the weed root zone should be made or occur within 10 days of spraying. Use rates towards the higher end of the range on heavy soils. Use rates towards the lower end of the scale on lighter soils.

# Text for: Label leaflet for all pack sizes

Date: 29.04.04

Situation & Crop	Weed Controlled	State	Rate per Hectare	Critical Comments
Potatoes Prior to emergence of the crop	Less than 4 true leaves and pre- emergent: Amaranth (Powell's, Slim and Redroot), Amsinckia, Blackberry Nightshade, Capeweed, Charlock, Chickweed, Corn Gromwell, Deadnettle, Fumitory (Common, White and Dense Flowered), Fat Hen, Hedge Mustard, Hexham Scent, Indian Hedge Mustard, Lesser Nettle, Mountain Sorrel, Rough Poppy, Three-cornered Jack, Wild Radish. <b>Pre-emergent:</b> suppression of Annual Ryegrass, Barnyard Grass, Prairie Grass and Summer Grass.	Qld, NSW, Vic, Tas, WA only	1.3 to 1.8 kg	Apply in the late autumn and winter. Use the lower rate on light soils and the higher rate on heavy soils.
Sunflower (pre-emergent)	Bladder Ketmia, Caltrop (Yellow Vine), Green Amaranth, Morning- glory, Pigweed, Redroot Amaranth	NSW and Southern Qld only	1.6 - 2.2 kg	Apply onto bare moist soil, at or within 2 to 3 days of sowing. Rainfall or irrigation is required to move the herbicide into the weed root zone. Sufficient rain or irrigation to thoroughly wet the soil through the weed root zone should be made or occur within 10 days of spraying. Use rates towards the higher end of the range on heavy soils. Use rates towards the lower end of the scale on lighter soils. Severe injury may result if heavy rain occurs between pre-emergence application and crop emergence.

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

WITHHOLDING PERIOD:

CHICKPEAS - DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 9 WEEKS AFTER APPLICATION. CARROTS, CELERY, COTTON, PASTURES, PEANUTS, PERENNIAL SEED CROPS, POTATOES, SUNFLOWERS - NOT REQUIRED WHEN USED AS DIRECTED. Text for: Label leaflet for all pack sizes

#### **GENERAL INSTRUCTIONS**

Before opening, carefully read Directions for Use, Precautionary Statements, Safety Directions and First Aid Instructions.

This product controls many early competing broadleaf weeds in irrigated cotton when applied to the actively growing young weeds. When applied to bare moist soil in celery, potatoes, carrots, sunflowers, peanuts, chickpeas and cotton many common broadleaf weeds are controlled and the density of grasses is reduced.

### MIXING

This product mixes readily with water, no pre-mixing is required. During mixing, the spray vat should be no more than 25% full of water. Vigorous agitation of vat contents is required during the addition of this product. Pour product steadily when adding the required quantity to the spray vat. DO NOT DUMP all required product into vat at once. Fill tank and agitate to ensure thorough mixing. Continue agitation while spraying. Agitate vigorously from the bottom if allowed to stand. DO NOT allow partly filled spray tank to stand overnight. Reseal part used containers immediately.

## PRECAUTIONS

Severe injury to cotton plants may result if heavy rains occur between pre-emergent application and crop emergence, or shortly after post emergence spraying and this risk must be assumed by the user. Severe injury to sunflower plants may result if heavy rain occurs between pre-emergence application and crop emergence. This risk must be assumed by the user.

## COMPATIBILITY

This product is compatible with Nufarm liquid and dry flowable Simazine, Rifle 330, Stomp 330E and Trifluralin.

## RESISTANT WEEDS WARNING

## GROUP HERBICIDE

Nufarm Prometryn 900DF Herbicide ('Prometryn') is a member of the Triazines group of herbicides. Prometryn has the inhibitors of photosynthesis at photosystem II mode of action. For weed resistance management Prometryn is a Group C herbicide. Some naturally-occurring weed biotypes resistant to Prometryn 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 Prometryn or other Group C herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, Nufarm Australia Limited accepts no liability for any losses that may result from the failure of Prometryn to control resistant weeds.

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

DO NOT use on Carrots on light sandy soils. DO NOT plant crops other than Carrots in PROMETRYN treated cotton land for at least six months after the cotton crops have been removed. DO NOT plant crops other than transplanted Celery, Chickpeas, Peanuts, Sunflowers or Carrots in areas within six months following application of the product at rates above 1.2 kg per hectare.

DO NOT add 2, 4-D or MCPA if pastures are undersown with Lucerne, Clover or Medics, unless some damage is acceptable. DO NOT add 2, 4-D or MCPA if spraying Cotton, vegetables or seedling pastures.

DO NOT apply more than 2.5 kg per hectare of product post-emergent per season in cotton. Heavy rain following application prior to emergence may cause damage to chickpeas.

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.

### PROTECTION OF WILDLIFE, FISH, CRUSTACEA AND ENVIRONMENT

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

## **RE-ENTRY PERIOD**

DO NOT enter treated area until sprayed area has dried.

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