

## POISON

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

Nufarm  
**Ramrod<sup>®</sup> Flowable**

Flowable Herbicide

ACTIVE CONSTITUENT: 480 g/L PROPACHLOR  
CO-SOLVENT: 83g/L ETHYLENE GLYCOL

**GROUP K HERBICIDE**

For control of annual grasses and certain broadleaf weeds in sorghum  
and selected vegetable crops as per Directions for Use table

IMPORTANT: READ THE ATTACHED LEAFLET BEFORE USE

Contents:  
10 Litres



Nufarm Australia Limited  
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### STORAGE AND DISPOSAL

Store in the closed, original container in a cool, well-ventilated area. 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 or puncture and bury 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

Poisonous if swallowed. Attacks eyes and skin. Repeated exposure may cause allergenic disorders. Sensitive workers should use protective clothing. Do not inhale spray mist. When preparing spray and using the product, wear cotton overalls, buttoned to the neck and wrist, washable hat, elbow-length PVC gloves and face shield. If clothing becomes contaminated with product or wet with spray, remove clothing immediately. If product on skin, immediately wash area with soap and water. If product in eyes, wash it out immediately with water. 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, face shield and contaminated clothing.

### 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 or 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 judgement 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: 57018/10L/0904

ONLY IN EMERGENCY  
CALL 1800 033 498 ALL HOURS  
Refer to Material Safety Data Sheet

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**DIRECTIONS FOR USE: FOR ALL STATES**

CROP	WEEDS CONTROLLED	RATE	CRITICAL COMMENTS
<b>Maize Sorghum Sweetcorn</b>	Annual ryegrass, Barnyard grass, Blue and Red pimpernel, Chickweed, Course and Swamp clubrush, Crowsfoot grass, Deadnettle, Fat-hen, Fleabane, Green and Pale pigeon grass (Foxtail grass in Tas), Hairy centrolepis, Liverseed grass, Milk thistle, Mouse-ear chickweed, Prince-of-wales feather, Cudweeds, Shepherd's purse, Stinging nettle, Summer grass, Toad rush, Winter grass, White clover, Potato weed (Yellow weed)	9L	Apply as a surface spray immediately after seeding or transplanting in a volume of at least 200L/ha water.
<b>DIRECT SEEDED Onions</b>		12L	Rainfall or overhead irrigation is required as soon as possible after application. Refer to "General Instructions" for details.
<b>TRANSPLANTED Broccoli Brussel Sprouts Cabbages Cauliflower Chinese cabbage* * Not NSW</b>			For Onions, treatment with other herbicides (post-emergence) will be required later in the crop to maintain weed control to harvest.  In Tas only, for Broccoli, Brussel sprouts, Cabbage, Cauliflower and Onions, apply 12-15L/ha. Use the lower rate on light to medium soils. Increase to the high rate on heavy textured soils.
<b>TRANSPLANTED Broccoli Cabbages Cauliflower</b>	As above plus Wireweed, Bittercress, Pigweed, Prickly lettuce, Bladder ketmia	9L plus 2-2.5L Stomp® 330EC or Rifle® 330	Apply with Stomp 330EC or Rifle 330 prior to transplanting, as per their label. Ramrod may be tank mixed with Stomp 330EC or Rifle 330 or applied separately after transplanting (Not Tas).
<b>Beetroot</b>	Potato weed (Yellow weed)	3-3.8L	Use the lower rate on light to medium textured soils. Increase to the high rate on heavy textured soils.

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

**WITHHOLDING PERIOD NOT REQUIRED WHEN USED AS DIRECTED.**

## GENERAL INSTRUCTIONS

### MIXING AND SPRAYER EQUIPMENT

Place a 20 to 30 mesh screen over the filling port. Half fill the tank with water. Start agitation and continue agitating at all times. Shake product well before using and add to the tank. Continue agitation.

If a tank-mix is being prepared, pre-mix the other product with water and add to the tank. Remove hose from the tank immediately after filling to avoid back-siphoning into the water source.

MAINTAIN GOOD AGITATION AT ALL TIMES until the contents of the tank are sprayed, otherwise, settling which can lead to clogging may occur. Close tank valves and drain all lines when spraying is delayed. If spray mixture is allowed to settle, thorough agitation is required to resuspend the mixture before resuming spraying. Keep bypass lines on or near the bottom of the tank to minimise foaming.

Screen size in nozzle or line strainers should be no finer than 50 mesh.

Select proper nozzles to avoid spraying a fine mist. For best results, use flat fan or flood jet nozzles. Apply in a volume of at least 200L/ha water with a pressure of about 200kPa.

### APPLICATION

Apply to the soil surface prior to weed or seedling crop emergence. Application should be made within a few days after the last tillage, otherwise germinating weeds will not be controlled. The soil surface should be fine, firm and free of clods and trash.

Do not apply when winds are gusty or above 25km/hour or in any conditions which favour drift.

### MOISTURE REQUIREMENTS

Some moisture, either as rain or overhead sprinkler irrigation, is required soon after application to activate the product. On light, sandy soils 7mm rainfall is required: heavy rainfall on open sandy soil reduces persistence. On heavy clay and/or high organic soils 7-18mm rainfall is required, depending on soil moisture at the time of application.

Best results are obtained when moisture occurs within 10 days after application. Generally, lower rainfall is required when soil moisture is high at time of planting. Insufficient rainfall may allow grass seedlings to emerge, but they will be severely stunted and may be controlled by a cultivation.

### CULTIVATION

Harrowing or rotary hoeing after application may displace the product and reduce effectiveness. If soil crusting becomes a problem and hoeing is necessary, hoe in the same direction as the rows are planted.

With broadcast treatment, as long as the product is controlling the grasses and weeds, there is no need for cultivation in most soil types. With band application, delay cultivation until grasses and weeds between rows are 7-10cm high. Shields should not be used to prevent excessive soil coverage of crop plants.

### NOTE

Use of this product in any manner not consistent with this label may result in injury to persons, animals or crops, or other unintended consequences.

### RESISTANT WEEDS WARNING

#### GROUP K HERBICIDE

Ramrod Flowable Herbicide 'Ramrod' is a member of the amide group of herbicides. This product has the multiple sites of action mode of action. For weed resistance management the product is a Group K herbicide. Some naturally occurring weed biotypes resistant to Ramrod and other Group K 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 Ramrod or other Group K 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 this product to control resistant weeds.

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

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

Dangerous to fish. DO NOT contaminate ponds, waterways and drains with the product or used container.

For Technical enquiries phone 1800 639 899

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