

POISON

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

Ramrod[®] Flowable Herbicide

ACTIVE CONSTITUENT: 480 g/L PROPACHLOR

GROUP	K	HERBICIDE
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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 USING THIS PRODUCT

Nufarm Australia Limited
ACN 004 377 780
103-105 Pipe Road, Laverton North Victoria 3026
Tel: (03) 9282 1000
nufarm.com.au

APVMA Approval No.: 57018/110357

Contents: 10L

Ramrod[®] trade mark owned or used under license by Nufarm Australia Ltd.

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 deliver empty packaging for appropriate disposal to an approved waste management facility. If an approved waste management facility is not available, bury empty packaging 500mm below the surface in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots, in compliance with relevant Local, State or Territory government regulations. DO NOT burn empty containers or product.

SAFETY DIRECTIONS

Poisonous if swallowed. Attacks eyes and skin. Repeated exposure may cause allergic 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 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).

ADDITIONAL STATEMENTS (WHS REGULATIONS 2011)

May cause an allergic skin reaction. Causes serious eye damage. Causes skin irritation. Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves, clothing, eye and face protection. IF SWALLOWED: Rinse mouth. If skin irritation or rash occurs: Get medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

SAFETY DATA SHEET

For further information refer to the Safety Data Sheet (SDS), which can be obtained from your supplier or from the Nufarm website – nufarm.com.au

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

CONDITIONS OF SALE

"Any provisions or rights under the Competition and Consumer Act 2010 or relevant state legislation which cannot be excluded by those statutes or by law are not intended to be excluded by these conditions of sale. Subject to the foregoing, all warranties, conditions, rights and remedies,

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expressed or implied under common law, statute or otherwise, in relation to the sale, supply, use or application of this product, are excluded. Nufarm Australia Limited and/or its affiliates ("Nufarm") shall not accept any liability whatsoever (including consequential loss), or howsoever arising (including negligence) for any damage, injury or death connected with the sale, supply, use or application of this product except for liability which cannot be excluded by statute."

BN / DOM / Barcode

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**DIRECTIONS FOR USE
FOR ALL STATES**

CROP	WEEDS CONTROLLED	RATE	CRITICAL COMMENTS
Maize Sorghum Sweetcorn	Annual ryegrass, Barnyard grass, Blue and Red pimpernel, Chickweed, Course and Swamp clubrush, Crowsfoot grass, Dead nettle, Fat hen, Fleabane, Green and Pale pigeon grass (Foxtail grass in Tas), Hairy centrolepis, Liverseed	9L/ha	Apply as a surface spray immediately after seeding or transplanting in a volume of at least 200L/ha water.
DIRECT SEEDED Onions	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)	12L/ha	Rainfall or overhead irrigation is required as soon as possible after application. Refer to "General Instructions" for details.
TRANSPLANTED Broccoli Brussel Sprouts Cabbages Cauliflower Chinese cabbage* * Not NSW			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.
TRANSPLANTED Broccoli Cabbages Cauliflower	As above plus Wireweed, Bittercress, Pigweed, Prickly lettuce, Bladder ketmia	9L/ha plus 1.5-1.9L/ha Rifle [®] 440	Apply with Rifle 440 prior to transplanting, as per the label. Ramrod may be tank mixed with Rifle 440 or applied separately after transplanting (Not Tas).
Beetroot	Potato weed (Yellow weed)	3-3.8L/ha	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.

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GENERAL INSTRUCTIONS

MIXING AND SPRAYER EQUIPMENT

Shake the closed RAMROD container.

Half fill the spray tank with clean water and start agitation. Whilst filling the remainder of the spray tank, add the required amount of RAMROD. MAINTAIN GOOD AGITATION AT ALL TIMES until the contents of the spray tank are sprayed, otherwise settling which can lead to clogging, may occur. Screen size in nozzle or line strainers should be no finer than 50 mesh. Apply in a volume of at least 200L/ha water. DO NOT leave the spray mix in the sprayer overnight.

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 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
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Ramrod Flowable Herbicide is a member of the chloroacetamide group of herbicides. This product has the inhibitors of cell division/ inhibitors of very long chain fatty acids (VLCFA inhibitors) 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 streams, rivers or watercourses with the chemical or used container.



spraywisedecisions.com.au is an online weather forecasting program and is recommended for use when planning your pesticide application.

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