



**PERMIT TO ALLOW EMERGENCY USE AND SUPPLY OF AN UNREGISTERED
AGVET CHEMICAL PRODUCT**

FOR THE CONTROL OF BROADLEAF WEEDS IN BULB ONIONS

PERMIT NUMBER –PER87914

This permit is issued to the Permit Holder in response to an application granted by the APVMA under section 112 of the Agvet Codes of the jurisdictions set out below. This permit allows a person, as stipulated below, to use the product in the manner specified in this permit in the designated jurisdictions. This permit also allows any person to claim that the product can be used in the manner specified in this permit.

THIS PERMIT IS IN FORCE FROM 22 MAY 2019 TO 31 MAY 2021

Permit Holder:

AUSTRALIAN ONION INDUSTRY ASSOCIATION
18 Umpherston Street
MOUNT GAMBIER SA 5290

Supplier:

Nufarm Australia Limited
103-105 Pipe Road
LAVERTON NORTH VIC 3016

Persons who can use the product under this permit:

Persons generally.

CONDITIONS OF USE

Products to be used:

NUFARM MAYA HERBICIDE (UNREGISTERED)

Containing: 402 g/L BROMOXYNIL (385.5 g/L AS BROMOXYNIL BUTYRATE) as the only active constituent.

Directions for Use:

Crop	Pest	Rate
Bulb Onions	Bellvine (<i>Ipomoea plebeia</i>) Black Bindweed (<i>Polygonum convolvulus</i>) Capeweed (<i>Arctotheca calendula</i>) Chickweed (<i>Stellaria media</i>) Corn Gromwell (<i>Buglossoides arvensis</i>) Deadnettle (<i>Lamium amplexicaule</i>) Fat Hen (<i>Chenopodium album</i>) Fumitories (<i>Fumaria</i> spp.) Green Amaranth (<i>Amaranthus viridis</i>) Lesser Swinecress or Bittercress (<i>Coronopus didymus</i>) Saffron Thistle (<i>Carthamus lanatus</i>) Scarlet Pimpernel (<i>Anagallis arvensis</i>) Shepherd's Purse (<i>Capsella bursa-pastoris</i>) Sow or Milk Thistle (<i>Sonchus oleraceus</i>) Stagger Weed or Mint Weed (<i>Stachys arvensis</i>) Three Cornered Jack or Doublegee (<i>Emex australis</i>) Threeflower Nightshade (<i>Solanum triflorum</i>) Turnip Weed (<i>Rapistrum rugosum</i>) Wild Radish (<i>Raphanus raphanistrum</i>) Wireweed (<i>Polygonum aviculare</i>)	750 mL/ha

Critical Use Comments:

- Apply when weeds are up to the 4-leaf stage or when plants are no more than 35mm in diameter.
- DO NOT apply more than two (2) applications per season. If 2 applications are being used, apply the first post-sowing pre-emergence and the second foliar post-emergence.
- Apply in a spray volume of 200 L/ha via calibrated boomspray.
- For post-sowing pre-emergence – DO NOT apply after crop emergence.
- For post-emergence application – DO NOT apply later than the 4 leaf stage (BBCH 14).
- Crop tolerance is related to the development of leaf waxes and application when the development of leaf waxes has been impaired may cause crop damage. This may occur when the crop is under stress or when application is made before three true leaves are fully expanded and the development of leaf waxes may not be complete.
- When preparing the product for use, wear cotton overalls, buttoned to the neck and wrist (or equivalent clothing), elbow-length chemical resistant gloves and faceshield.

Re-entry period:

Do not allow entry into treated areas until 2 days after treatment. If prior entry is necessary, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing) and chemical resistant gloves. Clothing must be laundered after each day's use.

Withholding Period:

Harvest: Not required when used as directed.

Grazing: DO NOT graze or cut for stock food.

Jurisdiction:

All States and Territories.


Additional Conditions:

The supplier must supply the product in a container that complies with the requirements of section 18(1) of the Agricultural and Veterinary Chemicals Code Regulations. Attached to this container must be a label which is identical in content and format to the label in **Attachment 1**.

Persons who wish to prepare for use and/or use products for the purposes specified in this permit must read, or have read to them, the details and conditions of this permit. Unless otherwise stated in this permit, the use of the product must be in accordance with instructions on its label as contained in **Attachment 1**.

Issued by the Australian Pesticides and Veterinary Medicines Authority.

ATTACHMENT 1



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

Nufarm
Maya
Herbicide

ACTIVE CONSTITUENT: 402 g/L BROMOXYNIL (385.5 g/L as bromoxynil butyrate)

GROUP	C	HERBICIDE
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A Suspension Concentrate (SC) product for the control of certain broadleaf weeds in Onions.

READ COMPLETE DIRECTIONS FOR USE BEFORE USING THIS PRODUCT.

Maya® is a registered trademark of Nufarm Australia Limited

nufarm.com.au

THIS IS AN UNREGISTERED PRODUCT FOR USE ONLY UNDER APVMA PERMIT 87914

DIRECTIONS FOR USE

RESTRAINTS

- DO NOT** apply by mister machines or handheld or low pressure equipment.
- DO NOT** apply if crops or weeds are stressed due to excessively dry or moist conditions.
- DO NOT** apply to diseased or frost affected crops or turf or if frosts are imminent.
- DO NOT** apply when rain is expected within 3 hours.
- DO NOT** apply in temperatures above 20°C or when temperatures above 20°C may follow for some days after application.
- DO NOT** apply when windspeed is less than 3 or more than 20km per hour at application site.
- DO NOT** apply during surface temperature inversion conditions at application site.
- DO NOT** apply with smaller than COARSE spray quality.

CROP	WEEDS	CROP STAGE	RATE	CRITICAL COMMENTS
Bulb Onions (seed grown and mechanically harvested only)	BELLVINE (<i>Ipomoea plebeia</i>) BLACK BINDWEED (<i>Polygonum convolvulus</i>) CAPEWEED (<i>Arctotheca calendula</i>) CHICKWEED (<i>Stellaria media</i>) CORN GROMWELL (<i>Buglossoides arvensis</i>) DEADNETTLE (<i>Lamium amplexicaule</i>) FAT HEN (<i>Chenopodium album</i>) FUMITORIES (<i>Fumaria</i> spp.) GREEN AMARANTH (<i>Amaranthus viridis</i>) LESSER SWINECRESS OR BITTERCRESS (<i>Coronopus didymus</i>) SAFFRON THISTLE (<i>Carthamus lanatus</i>) SCARLET PIMPERNEL (<i>Anagallis arvensis</i>) SHEPHERD'S PURSE (<i>Capsella bursa-pastoris</i>) SOW OR MILK THISTLE (<i>Sonchus oleraceus</i>) STAGGER WEED OR MINT WEED (<i>Stachys arvensis</i>) THREE CORNERED JACK OR DOUBLEGEE (<i>Emex australis</i>) THREEFLOWER NIGHTSHADE (<i>Solanum triflorum</i>) TURNIP WEED (<i>Rapistrum rugosum</i>) WILD RADISH (<i>Raphanus raphanistrum</i>) WIREWEED (<i>Polygonum aviculare</i>)	Post-sowing pre-emergence (PSPE)	750 mL/ha	Apply when weeds are up to the 4-leaf stage or when plants are no more than 35mm in diameter.
		Post-emergence 2 - 4 leaf (BBCH 12-14)	750 mL/ha	<p>DO NOT apply more than 2 applications. If 2 applications are being used, apply the first post-sowing pre-emergence and the second post-emergence.</p> <p>For PSPE application - DO NOT apply after crop emergence.</p> <p>For post-emergence application - DO NOT apply later than 4 leaf (BBCH 14).</p> <p>It is important to note that crop tolerance is related to the development of leaf waxes and application when the development to leaf waxes has been impaired may cause crop damage. This could be when the crop is under stress or when applied before three true leaves are fully expanded when the development of waxes may not be complete.</p>

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

WITHHOLDING PERIOD

HARVEST: NOT REQUIRED WHEN USED AS DIRECTED.

GRAZING/STOCKFOOD: DO NOT GRAZE OR CUT FOR STOCKFOOD.

GENERAL INSTRUCTIONS

Before opening, carefully read Directions for Use, Precautionary and Protection Statements, Storage and Disposal, Safety Directions and First Aid Instructions. Use only at recommended growth stages of crops and weeds. **DO NOT** use on crops other than recommended.

MIXING INFORMATION

To ensure even mixing, half fill the spray tank with clean water and add the required amount of this product. Agitate thoroughly, then add the remainder of water. Agitate again before spraying commences.

BOOM SPRAYER APPLICATION

USE ONLY low boom equipment set up to provide good coverage of weeds within the crop canopy. USE ONLY coarse spray quality according to ASAE S572 definition for standard nozzles. Apply in 200L of water per hectare. Calibrate the machine before use to ensure that the correct application rate is obtained. Check height of boom above the crop to ensure that the spray is evenly distributed.

SPRAY APPLICATIONS AND DRIFT RISK ASSESSMENT



Checklist:

- Have you cleaned/decontaminated your boom sprayer?
- Have you contacted your neighbour prior to spraying?
- Is your sprayer set-up correctly for the particular application?
- Check - boom calibration

- at nozzle - nozzle choice
 - low drift/what spray quality
 - coarse or larger spray quality?
 - boom height - speed of intended application
 - water volume
 - You must check, determine and record the weather conditions immediately prior to, and immediately after the spray application is made.
 - Record - Temperatures
 - Relative Humidity
 - Delta T
 - Wind speed
 - Is there a temperature inversion?
 - Night Spraying - Extra care is required to ensure that inversion conditions are not present. Use smoke generator to determine wind direction and presence of inversion conditions.
- For further information refer to nufarm.com.au/spraywise



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

EQUIPMENT MAINTENANCE

After use, wash equipment thoroughly and rinse several times prior to re-use. Wash sprayer thoroughly with clean water after use.

COMPATIBILITY

DO NOT mix with any other product.

RESISTANT WEEDS WARNING



Maya Herbicide is a member of the nitriles group of herbicides. Maya has the inhibitors of photosynthesis at photosystem II mode of action. For weed resistance management Maya is a Group C herbicide. Some naturally-occurring weed biotypes resistant to Maya 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 this product 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 Maya to control resistant weeds.

PRECAUTION

RE-ENTRY PERIOD: DO NOT allow entry into treated areas until 2 days after treatment. If prior entry is necessary, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing) and chemical resistant gloves. Clothing must be laundered after each day's use.

PROTECTION OF CROPS, NATIVE AND OTHER 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.

Note: Maximum daily temperatures at or above 20°C at application, or on days following treatment may result in seedling mortality and established plants may be damaged.

PROTECTION OF LIVESTOCK

Low hazard to bees. May be applied at any time as recommended in the Directions for Use.

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

Store in the closed, original container in a dry, cool well-ventilated area out of direct sunlight. Protect from frost. Triple-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 to an approved waste management facility. If an approved waste management facility is not available, bury the empty packaging 500 mm 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

Product is poisonous if inhaled or swallowed. May irritate the eyes and skin. Avoid contact with eyes and skin. **DO NOT** inhale spray mist. When preparing spray wear cotton overalls buttoned to the neck and wrist (or equivalent clothing), elbow-length chemical resistant gloves and face-shield. 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)

TBC

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 – www.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, 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.”

® Maya is a registered trademark of, or used under licence by, Nufarm Australia