

**WARNING**  
**KEEP OUT OF REACH OF CHILDREN**



# MANDATE® HERBICIDE

**GROUP A HERBICIDE**

**For the selective control of wild oat, lesser canary grass and gnawed canary grass in wheat, triticale, ryecorn and durum wheat**

**READ THE ATTACHED BOOKLET COMPLETELY BEFORE MIXING OR APPLYING**

**Active Ingredient:**

Contains 240 g/L CLODINAFOP-PROPARGYL in the form of an emulsifiable concentrate, also contains 60 g/L CLOQUINTOCET-MEXYL as a safener and 570 g/L hydrocarbon liquids

ADAMA New Zealand Limited  
Level 1, 93 Bolt Road  
Tahunanui, Nelson 7011  
PO Box 1799, Nelson 7040  
New Zealand  
Telephone 03 543 8275  
[www.adama.com](http://www.adama.com)

NET CONTENTS  
1 L, 5 L,  
10 L, 20 L

## ADAMA

**REFER TO BOOKLET FOR FULL LABEL INSTRUCTIONS.****HAZARD CLASSIFICATIONS: 6.1E, 6.3B, 6.4A, 6.5B, 6.8B, 6.9B, 9.1A, 9.2A****PCBU RESPONSIBILITIES**

A PCBU with management or control of work using this substance must ensure that every worker who uses, handles, manufactures, or stores this hazardous substance (including hazardous waste) is, before the worker is allowed to carry out or supervise work involving those substances, provided with adequate information, training and instruction. This includes the use of personal protective equipment to be used to minimise risks to the health and safety of workers when carrying out work using this substance.

**QUALIFICATIONS REQUIRED FOR APPLICATION OF CLASS 9 SUBSTANCES**

Anyone who mixes, loads, or applies this product, either by air or ground based methods, is required to be suitably qualified, or must receive guidance and, if required, assistance from a suitably qualified person. Refer to Schedule 10 of the Hazardous Substances (Hazardous Property Controls) notice 2017 for a list of suitable qualifications.

**RECORD KEEPING**

A PCBU with management or control of the substance must ensure that a written record is kept of each application of this substance. This record must include the product name, date and time of each application, amount of substance applied, location where the substance was applied, wind speed and direction and electronic data files indicating the application area (if applied by air), and details of measures taken to ensure no adverse effects beyond the boundary of the application area.

**WARNING**

**May be harmful if swallowed and if aspirated into lungs.**

**Causes mild skin irritation.**

**May cause an allergic skin reaction.**

**Causes serious eye irritation.**

**Suspected of damaging fertility or the unborn child.**

**May cause damage to organs through prolonged or repeated oral exposure.**

**ECOTOXICITY**

**Very toxic to aquatic life. Do not apply onto or into water.** Avoid contamination of any water supply with product or empty container.

**Very toxic to the soil environment.**

**HANDLING PRECAUTIONS**

Keep out of reach of children.

Do not eat, drink or smoke while using.

Do not breathe spray mist or vapours.

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Use personal protective equipment as described in the personal protection section of this label. Use personal protective equipment as required.

Wash exposed skin thoroughly after handling.

Contaminated clothing should not be allowed out of the workplace.

**EQUIPMENT**

A PCBU with management or control of work using this substance must ensure that equipment used to handle this substance retains the substance, without leakage, at all of the temperatures and pressures at which the equipment is to be used; and dispenses or applies the substance, without leakage, at a rate and in a manner that the equipment is designed for. The PCBU must ensure that the equipment is accompanied by documentation that is readily available and readily understandable about the use and maintenance of the equipment. Apply using accurately calibrated and maintained equipment in accordance with The New Zealand Standard for the Management of Agrichemicals (NZS 8409).

**STORAGE**

Store locked up in the original, unopened container in a cool, dry place, out of direct sunlight and away from sources of ignition, stockfeed or foodstuffs.

Store in accordance with NZS 8409 Management of Agrichemicals. Secondary containment and emergency response plans are required where greater than 100 L of this product are stored. As a Class 9 Substance with Ecotoxicity Classifications storage of MANDATE HERBICIDE must be carried out in such a manner as to prevent contamination of waterways. It is recommended that The New Zealand Standard for the Management of Agrichemicals (NZS8409) is followed as a means of meeting the secondary containment provisions of the HSNO Emergency Management Regulations. See Safety Data Sheet for further information.

**TRANSPORT**

Do not carry greater than 0.1 L of this product on a passenger service vehicle.

#### **SHELF LIFE**

When stored appropriately this product should show no significant degradation for two years from the date of manufacture. Contact your supplier for further information about the use of any product that is older than this.

#### **PERSONAL PROTECTION**

When mixing or applying wear appropriate protective clothing including cotton overalls buttoned to the neck and wrist, impervious, elbow-length gloves, and eye protection. Remove protective clothing and wash hands, arms and face with soap and water before meals and after work. Contaminated work clothing should not be allowed out of the workplace. When fighting a major fire, wear an air-supplied respirator.

#### **SPILLAGE**

Exclude all bystanders from the vicinity of the spill and prevent material from entering waterways. Wear appropriate protective clothing as in the Precautions box personal protection section of this label to clean up spills. Absorb spills with an inert material (such as vermiculite, earth, sand or synthetic absorbent substance) and place in waste containers. Wash area with water and alkaline detergent. Then absorb any remaining liquid with further inert material. Dispose of the waste safely in an approved landfill.

#### **DISPOSAL**

**Container Disposal** - Triple rinse empty container and add rinsate to spray tank. Submit clean empty container to an Agrecovery® depot for recycling. Alternatively, burn in an appropriate incinerator if circumstances such as wind direction permit, or puncture and bury in a suitable landfill. Avoid contamination of any water supply with product or empty container.

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#### **FIRST AID**

**If medical advice is needed, have product container or label at hand.**

**For advice, or if you feel unwell or are exposed or concerned, contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor immediately.**

**IF SWALLOWED:** Call a POISON CENTRE or doctor if you feel unwell.

**IF ON SKIN:** Wash with plenty of soap and water. If skin irritation or rash occurs, get medical attention. Wash before reuse.

**IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If eye irritation persists, get medical attention.

**IF INHALED:** Call a POISON CENTRE or doctor if you feel unwell.

#### **CONDITIONS OF SALE**

ADAMA New Zealand Limited 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 the responsibility for the merchantable quality of the goods and such responsibilities mandatorily imposed by the Statutes applicable to the sale and supply of these goods. To the extent allowed by such Statutes the liability of ADAMA New Zealand Limited is limited to the replacement of the goods or (at the option of ADAMA New Zealand Limited) 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 ADAMA New Zealand Limited within thirty days of delivery.



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Label

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Mandate is a registered trademark of an ADAMA Group Company.



**EMERGENCY RESPONSE**  
(All hours)  
Ring from anywhere in New Zealand  
**0800 734 607**

In a Transport  
Emergency  
Phone 111  
Police or Fire

Batch Number:  
Date of Manufacture:

*Bar code to be inserted*

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**SAFETY DATA SHEET**

A Safety Data Sheet for this product is available from ADAMA New Zealand Limited on request. Call 03 543 8275

**PRODUCT INFORMATION**

MANDATE HERBICIDE is rapidly absorbed by the leaves and shoots of grass weeds and is translocated to the growing point preventing further growth within 48 hours after application.

**DIRECTIONS FOR USE**

**TAKE ALL REASONABLE STEPS TO ENSURE THAT THE SUBSTANCE DOES NOT CAUSE ANY SIGNIFICANT ADVERSE EFFECTS TO THE ENVIRONMENT BEYOND THE APPLICATION AREA.**

**It is an offence for users of this product to cause residues exceeding the relevant MRL in the Food Notice: Maximum Residues Levels for Agricultural Compounds.**

CROP	WEEDS CONTROLLED	WEED STAGE	RATE/HA	CRITICAL COMMENTS
Wheat, ryecorn, triticale, durum wheat	Wild oat	3 leaf to 1 <sup>st</sup> node	100 ml + 1 L mineral oil	
	Lesser canary	3 leaf to 4 tillers	100 ml + 1 L	



	grass ( <i>Phalaris minor</i> )		mineral oil	
	Gnawed canary grass ( <i>Phalaris paradoxa</i> )	3 leaf to 3 tillers	100 ml + 1 L mineral oil	Long term control is enhanced by good ground cover from an actively growing crop.

### COMPATIBILITY

MANDATE HERBICIDE is compatible with emulsifiable mineral oils approved for use on cereals. MANDATE HERBICIDE plus mineral oil is compatible with commonly used cereal fungicides. The addition of other herbicides is NOT recommended. Broadleaf herbicides should be applied 10 days before or after MANDATE HERBICIDE.

### APPLICATION

MANDATE HERBICIDE can be applied using conventional boom spraying equipment and is non-corrosive. Apply MANDATE HERBICIDE in a minimum of 200 L of water/ha.

### RAINFALL

DO NOT apply MANDATE HERBICIDE if rain is expected within 2 hours after application.

### RESISTANCE MANAGEMENT

MANDATE HERBICIDE contains the **GROUP A** Aryloxyphenoxypropionate herbicide, Clodinafop-Propargyl. Do not use another product containing a herbicide in the same group in conjunction with MANDATE HERBICIDE, and where possible alternate the types of herbicides used within any one paddock over time. Herbicides from different group codes should either be used alternately or mixed together to prevent the numbers of resistant individuals building up.

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