

# CAUTION

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

# Enforcer<sup>®</sup> 242

## Cereal Herbicide

ACTIVE CONSTITUENTS:

**420 g/L MCPA**

present as POTASSIUM SALT

**26 g/L PICLORAM**

present as POTASSIUM SALT

GROUP

HERBICIDE

For the control of climbing buckwheat, common sowthistle, skeleton weed, capeweed, doublegee and other broadleaf weeds in winter cereals and linseed crops, as specified in the Directions for Use table

Formulation type

Soluble  
Concentrate

SL



# ADAMA

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CONTENTS: 20 L, 110 L, 1000 L

### RESTRAINTS

DO NOT apply to crops or weeds which are not actively growing or to plants which may be stressed (not actively growing) due to prolonged periods of extreme cold, moisture stress (water-logged or drought affected) or previous herbicide treatment, as crop damage or reduced levels of control may result.

DO NOT use in high winds.

DO NOT spray if rain is likely to occur within four hours.

DO NOT apply close to, or on areas, containing roots of desirable vegetation, where treated soil may be washed into areas growing, or to be planted to, desirable plants, or on sites where surface water from heavy rain can be expected to run off to areas containing, or to be planted to, susceptible crops or plants.

DO NOT move soil which may have been sprayed to areas where desirable plants are to be grown.

### DIRECTIONS FOR USE

Table 1: NEW SOUTH WALES and QUEENSLAND only

CROP	CROP GROWTH STAGE	WEEDS CONTROLLED	WEED GROWTH STAGE	RATE/ha	CRITICAL COMMENTS
Barley, Canary Grass, Oats, Triticale, Wheat	Apply from early tillering (when the main shoot has 4 - 5 leaves and 2 or more new tillers have formed) to start of jointing (first node (Z30))	Climbing Buckwheat (Black Bindweed)	Up to 6 leaf	1 L	For best control of Climbing Buckwheat apply at early tillering as this weed becomes increasingly difficult to control as it becomes larger.  To avoid possible crop damage, DO NOT spray outside the early tillering to early jointing stage.
		Common Sowthistle, Doublegee (Spiny Emex), Mustard, Saffron Thistle, Skeleton Weed, Turnip Weed, Variegated Thistle, Wild Radish, Wild Turnip	Young rosette or seedling plants up to 8 true leaves		
		NZ Spinach <sup>1</sup> , Wireweed <sup>1</sup>	Up to 4 leaf		
Barley, Triticale, Wheat		Common Sowthistle, NZ Spinach, Wireweed	Apply up to 4 leaf stage	800 mL + 5 g Lynx <sup>®</sup>	Add a 100 % concentrate non-ionic surfactant (eg Wetspray <sup>®</sup> 1000) at the rate of 100 mL/100 L water.

**Table 1: NEW SOUTH WALES and QUEENSLAND only - continued**

CROP	CROP GROWTH STAGE	WEEDS CONTROLLED	WEED GROWTH STAGE	RATE/ha	CRITICAL COMMENTS
Linseed, Linola	Apply when crop is 8 - 20 cm high	Climbing Buckwheat (Black Bindweed), Doublegee (Spiny Emex), Mustard, Saffron Thistle, Skeleton Weed, Variegated Thistle, Wild Radish, Wild Turnip	Young rosette or seedling plants up to 4 true leaves	670 - 840 mL	Use the higher rate when Climbing Buckwheat is present or weed growth is advanced.
		NZ Spinach <sup>1</sup> , Wireweed <sup>1</sup>	Up to 2 leaf		

**Table 2: WESTERN AUSTRALIA only**

CROP	CROP GROWTH STAGE	WEEDS CONTROLLED	WEED GROWTH STAGE	RATE/ha	CRITICAL COMMENTS
Barley, Canary Grass, Oats, Triticale, Wheat	Apply from 3 leaf to early tillering (when the main shoot has 4 - 5 leaves and 2 or more new tillers have formed) to start of jointing (first node (Z30))	Capeweed, Doublegee, Saffron Thistle, Turnip Weed, Wild Mustard, Wild Turnip	Young rosette or seedling plants up to 4 true leaves	600 mL	To avoid possible crop damage, DO NOT spray outside the early tillering to early jointing stage. <b>Caution:</b> DO NOT use this product where the land to be treated will be sown to lupins or peas the following year or where a volunteer medic or subcloval pasture is required in the following season. Only use when a cereal crop will follow the cereal crop to be treated.
		Wireweed <sup>1</sup>	Up to 4 leaf	750 mL	
	Apply from early to mid- tillering	Docks, Sorrel	Active growth	1 L	-

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

**WITHHOLDING PERIODS**

**DO NOT GRAZE OR CUT CROPS OR PASTURES FOR STOCK FOOD FOR 7 DAYS AFTER APPLICATION.**

**HARVEST: NOT REQUIRED WHEN USED AS DIRECTED.**

**MINIMUM RECROPPING PERIODS:**

**PICLORAM, ONE OF THE ACTIVE CONSTITUENTS IN THIS PRODUCT, REMAINS ACTIVE IN THE SOIL FOR EXTENDED PERIODS DEPENDING ON RATE OF APPLICATION, SOIL TYPE, RAINFALL, TEMPERATURE, HUMIDITY, SOIL MOISTURE AND SOIL ORGANIC MATTER.**

**DO NOT PLANT SUSCEPTIBLE BROADLEAF CROPS WITHIN 12 MONTHS OF APPLYING THE PRODUCT. CEREAL CROPS AND GRASSES CAN BE SOWN SAFELY AFTER USING ENFORCER® 242 FOR IN CROP WEED CONTROL.**

**GENERAL INSTRUCTIONS**

**RESISTANT WEEDS WARNING**

ENFORCER® 242 Cereal Herbicide contains members of the pyridine and phenoxy groups of herbicides. The product has the disrupters of plant cell growth mode of action. For weed resistance management the product is a Group I Herbicide. Some naturally occurring weed biotypes resistant to the product and other Group I 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 I herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, Adama Australia accepts no liability for any losses that may result from the failure of this product to control resistant weeds. Strategies to minimise the risk of herbicide resistance are available. Contact your farm chemical supplier, consultant, local Department of Agriculture, or local Adama representative.



**MIXING**

ENFORCER® 242 may be mixed with water only. Mix only sufficient chemical for each day's use and avoid storing mix. Half fill the spray tank with water and add the required quantity of ENFORCER® 242 and complete filling. Agitate continuously to ensure thorough mixing before and during application.

**Tank Mixtures:** Wettable powder or dry flowable formulations (e.g. water dispersible granules) should be added to the spray tank first, followed by suspension concentrates (flowables), water soluble salts and then emulsifiable concentrate formulations (Flagship®). Add spraying oils and surfactants (wettors) last, if required.

**COMPATIBILITY**

ENFORCER® 242 is compatible with the following: (Read and follow all label directions, restraints, plant-back periods, withholding periods and safety directions on the partner label as well as those on the ENFORCER® 242 label).

**Broadleaf Herbicides**

Eclipse\* Herbicide      Victory® Herbicide      MCPA amine  
MCPA LVE                  metsulfuron-methyl      Flagship® 200 Herbicide  
2,4-D amine

## Grass Herbicides

Rhino® Herbicide (Annual Ryegrass only)  
Clodinafop-propargyl + cloquintocet-mexyl  
(Wild Oats and Phalaris only)

## Adjuvants

Wetspray®/BS-1000 (when mixed with metsulfuron-methyl)  
Hotwire® Spraying Oil (when mixed with Clodinafop-propargyl +  
cloquintocet-mexyl)

## Insecticides

Dimethoate, omethoate

ENFORCER® 242 is not compatible with zinc products (such as Zinc dextrase and Zinc heptahydrate), copper salts (such as sulphate) and manganese sulphate.

DO NOT use with hard water or water clarified with alum.

## APPLICATION METHODS

### Ground application (Boom)

Apply ENFORCER® 242 with an accurately calibrated boom sprayer, in at least 50 L/ha water. Flat fan nozzles are recommended using pressures in the range 200 to 300 kPa. Set the boom at a height to ensure a double overlap of the nozzle pattern.

### Aerial Application

Apply in a minimum volume 35 L/ha water. Use equipment calibrated to produce droplets with an average diameter (Volume Mean Diameter; VMD) of 200-250 microns. DO NOT apply when the temperature is above 30°C, when there is no wind or when the wind is blowing toward susceptible crops.

### Cleaning Spray Equipment:

Rinse water should be discharged onto a designated disposal area or, if this is unavailable, onto wasteland away from desirable plants and water courses.

**Rinsing:** After using ENFORCER® 242 Cereal Herbicide, empty the tank completely and drain the whole system. Thoroughly wash inside the spray unit using a pressure hose. Drain, and clean any filters in the tank, pump, lines, hoses and nozzles. After cleaning the tank as above, quarter fill with clean water and circulate through the pump, lines and nozzles. Drain and repeat the rinsing procedure twice.

### Decontamination (before spraying cotton and other sensitive crops; see PROTECTION OF CROPS):

Wash the tank and rinse the system as above. Then quarter fill the tank and add an alkali detergent (e.g. liquid Surf\*, Omo\* or Drive\*) at 500 mL/100 L of water or the powder equivalent at 500 g/100 L and circulate throughout the system for at least 15 minutes. Drain the whole system. Remove filters and nozzles and clean them separately. Finally flush the system with clean water and allow to drain.

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

Picloram residues in the straw or stubble of treated crops / fallow paddocks can affect subsequent susceptible crops. Picloram bound to stubble, may then be released and made available to plants growing in the soil and sensitive plants can be adversely affected. Susceptible crops should not be planted for a minimum of twelve (12) months after application. This twelve month plantback interval does not start until all stubble residue have broken down. Legumes, vines, vegetables, cotton, tomatoes, ornamentals and many other plants are highly susceptible to this herbicide during both growing and dormant periods. Cereal crops and grasses can be sown safely after using ENFORCER® 242. This product will kill legumes (clovers, medics) present in the crop at the time of spraying. In the season following application of this product the regeneration or establishment of sensitive legumes (clover, medics, peas, lupins) may be adversely affected by soil residues. Cereal crops may be reduced in height following use of this product. This height reduction is a normal response and does not represent any yield loss. DO NOT allow spray drift onto susceptible crops, such as cotton, tomatoes, vines, fruit, potatoes, vegetables, ornamentals, tobacco, lupins and other legumes, safflower, sugar beet, hops, flowers or shade trees. 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. Minimise spray drift by using low pressures and nozzles which DO NOT give a fine droplet size. DO NOT apply close to or on areas containing roots of desirable vegetation, where treated soil may be washed to areas growing, or to be planted to desirable plants, or on sites where surface water from heavy rain can be expected to run off to areas containing or to be planted to susceptible crops or plants. DO NOT move soil which may have been sprayed to areas where desirable plants are to be grown.

## PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

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

## STORAGE AND DISPOSAL

Store in closed, original container in a cool, well-ventilated area. DO NOT store for prolonged periods in direct sunlight. DO NOT store near feedstuffs, fertilisers or seed. Triple rinse containers before disposal. Add rinsings to spray tank. DO NOT dispose of undiluted chemicals on site. If recycling, replace cap and return 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.

**Envirodrum Micro Matic Valve (110 L):** Store the original sealed Envirodrum in a cool well-ventilated area. DO NOT store for prolonged periods in direct sunlight. DO NOT tamper with the Micro Matic valve or the security seal. DO NOT contaminate the Envirodrum with water or any foreign matter. After each use of the product, please ensure that the Micro Matic coupler delivery system and hoses are disconnected, triple rinsed with clean water and drained accordingly. When the contents of the Envirodrum have been used, please return the Envirodrum to the point of purchase. The Envirodrum remains the property of Adama Australia

**1000 L:** Store in the closed, original container in a cool, well-ventilated area. DO NOT store for prolonged periods in direct sunlight. Storage must be secure so that contents cannot be tampered with. All locks and/or seals must be in order. If locks or seals are broken prior to initial use then the integrity of this product cannot be assured. If this occurs Adama Australia should be advised immediately. This minibulk container is reusable and remains the property of Adama Australia. DO NOT rinse empty container. Empty contents fully into application equipment. Close all valves and return to the point of supply for refill or storage. No other liquid, solid or pesticide product should be put into it. When empty return to Adama Australia for cleaning, relabelling and refilling.

## SMALL SPILL MANAGEMENT

Wear protective equipment (See SAFETY DIRECTIONS). Apply absorbent material such as earth, sand, clay granules or cat litter to the spill. Sweep up material for disposal when absorption is completed and contain in a refuse vessel for disposal. (See STORAGE AND DISPOSAL section). If necessary, wash the spill area with an alkali detergent and water and absorb as above the wash liquid for disposal as directed above.

## SAFETY DIRECTIONS

Harmful if swallowed. Attacks eyes. Avoid contact with eyes. Will irritate the skin. Repeated exposure may cause allergic disorders. When preparing the spray and using the prepared spray wear cotton overalls buttoned to the neck and wrist, a washable hat, elbow-length PVC gloves and face shield or goggles. If product or spray 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 or goggles and contaminated clothing.

## FIRST AID

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

## SDS

Additional information is listed in the safety data sheet (SDS). A safety data sheet for ENFORCER® 242 is available from adama.com or call Customer Service on 1800 423 262.

**CONDITIONS OF SALE:** The use of ENFORCER® 242 Cereal Herbicide being beyond the control of the manufacturer, no warranty expressed or implied is given by Adama Australia regarding its suitability, fitness or efficiency for any purpose for which it is used by the buyer, whether in accordance with the directions or not and Adama Australia accepts no responsibility for any consequence whatsoever resulting from the use of this product.

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## NOT A DANGEROUS GOOD ACCORDING TO THE AUSTRALIAN DANGEROUS GOODS (ADG) CODE.

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