

# **POISON**

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

# **CHOICE MCPA LVE 570 HERBICIDE**

**ACTIVE CONSTITUENT: 570g/L MCPA  
PRESENT AS THE 2-ETHYLHEXYL ESTER**

**GROUP I HERBICIDE**

**For selective control of certain weeds in Agricultural  
Crops as listed in the Directions for Use.**

**READ THIS LEAFLET BEFORE USING THIS PRODUCT**

**APVMA Approval No: 70369/63294**



**GROW CHOICE PTY LTD**

113 Fitzroy Street  
Tamworth NSW 2340

ACN 069 839 961

Tel: (02) 6766 3979

## DIRECTIONS FOR USE:

Situation & Crop	Weeds Controlled	Rate	Critical Comments
Wheat (up to early flag leaf [Z37] only)	Refer Weed Table	440mL to 1.84L	Use the lower rate (440mL/ha) when crop is at 3 - 5 leaf stage (Z13 - Z15). Apply higher rates from 5 leaf stage through to flag leaf just visible (Z15 - Z37). Kulin: Use only from Z15 - Z37 (WA only).
Oats, Barley, Triticale and Cereal Rye (up to early flag leaf [Z37] only)		440mL to 1.84L	Use lower rate (440 ml/ha) when crop is at 3-5 leaf stage (Z13 - Z15). Apply higher rates from 5 leaf stage through to flag leaf just visible (Z15 - Z37). Barley: Use only from 5 leaf stage to flag leaf just visible (Z15 - Z37).
Grass Pastures and Grass Seed Crops		440mL to 1.84L	Apply to established grass based pastures. Damage may occur to Legumes if present. See "Legume Tolerance" under Protection of Crops. <b>NOTE:</b> Capeweed, Paterson's Curse (Salvation Jane) and Variegated Thistle may be poisonous to stock after spraying.

# DIRECTIONS FOR USE:

Situation & Crop	Weeds Controlled	Rate	Critical Comments
<b>CEREALS</b> <b>Wheat,</b> <b>barley,</b> <b>oats,</b> <b>triticale,</b> <b>cereal rye</b>	<b>Wild radish</b> Stage of weed growth  Up to the 4 leaf stage and not more than 120mm in diameter	Choice MCPA LVE 570 Herbicide 175mL plus Nugrex 350mL	*Reduced efficacy (suppression only) may be achieved on wild radish larger than 8 leaf or greater than 180mm in diameter. DO NOT use this tank-mix if cereals are undersown with lucerne or annual medics. <b>Crop Stage</b> Nugrex/Tigrex 350mL + Choice MCPA LVE 570 Herbicide 175mL: Apply from 3 leaf to fully tillered (Z13-30). Nugrex/Tigrex 500mL + Choice MCPA LVE 570 Herbicide 175mL: Apply from 3 leaf to fully tillered (Z13-30). Nugrex/Tigrex 500mL + Choice MCPA LVE 570 Herbicide 350mL: Apply from 5 leaf stage to fully tillered (Z16-30).
	Up to the 6 leaf stage and not more than 150mm in diameter	Choice MCPA LVE 570 Herbicide 175mL plus Nugrex 500mL	Optimum results are achieved when sprayed at 3-5 leaf crop stage (generally 4-8 weeks post-sowing). <b>WA only:</b> DO NOT apply to Barley or Kulin Wheat before the 5 leaf stage (Z15).
	Up to the 8 leaf stage and not more than 180mm in diameter	Choice MCPA LVE 570 Herbicide 350mL plus Nugrex 500mL	<b>Warning:</b> Nugrex may cause transient crop yellowing of cereals. Some varieties of oats have not been tested. (Refer to "Crop Tolerance" section of General Instructions on the Nugrex/Tigrex label).

**NOT BE 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: DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 7 DAYS AFTER APPLICATION.**

**WEED TABLE: (Specific Weed Control Recommendations**

**Where weeds are to be sprayed in a crop of pasture, use only the rates given for the particular crop or situation indicated under the Directions for Use table.**

**In most cases this will give control, however some hard to kill weeds or those in advanced stages of growth may only be suppressed.**

**The rates listed in the weeds table below are for use where weeds only are present and no crop or pasture is involved. Use at these rates in a crop or pasture other than for spot spraying may cause damage.)**

<b>Weed</b>	<b>Rate</b>	<b>Critical Comments</b>
<b>Bathurst Burr</b> ( <i>Xanthium spinosum</i> )	1.4 L	Moderately susceptible. Spray young seedlings.
<b>Capeweed</b> ( <i>Arctotheca calendula</i> )	1.49 L	Apply up to 2-4 leaf stage only when plants are no larger than 5 cm in diameter.

<b>Weed</b>	<b>Rate</b>	<b>Critical Comments</b>
<b>Charlock</b> ( <i>Sinapsis arvensis</i> )	400 mL – 1.4L	Young rosettes very susceptible.
<b>Dandelion</b> ( <i>Taraxacum officinale</i> )	1.4L	Apply in early rosette stage.
<b>Fat Hen</b> ( <i>Chenopodium album</i> )	880mL – 1.4L	Tolerance increases with age. Use lower rates only on seedlings.
<b>Fumitory</b> ( <i>Fumaria</i> spp.)	965mL	Moderately susceptible. Spray up to first true leaf stage. (Not Tas.)
<b>Hedge Mustards</b> ( <i>Sisymbrium</i> spp.)	490 mL – 880mL	Apply at rosette stage.
<b>Lincoln Weed</b> ( <i>Diplotaxis tenuifolia</i> )	615mL	Apply up to rosette stage only.
<b>London Rocket</b> ( <i>Sisymbrium irio</i> )	965mL	Spray at young stage.
<b>Noogoora Burr</b> ( <i>Xanthium occidentale</i> )	1.4L	Tolerance increases with age. Spray young seedlings only.
<b>Paterson's Curse</b> ( <i>Echium plantagineum</i> )	1.49L	Apply at 2 -4 leaf stage only.

<b>Weed</b>	<b>Rate</b>	<b>Critical Comments</b>
<b>Saffron Thistle</b> ( <i>Carthamus lanatus</i> )	965mL-1.66L	Spray young rosettes before leaves become spiny.
<b>Scotch (Cotton) Thistle</b> ( <i>Onopordum acanthium</i> )	615mL-1.49L	Spray young rosettes.
<b>Skeleton Weed</b> ( <i>Chondrilla juncea</i> )	965mL-1.4L	Moderately susceptible. Spray rosettes before aerial growth commences.
<b>Slender Thistle</b> ( <i>Carduus tenuiflorus</i> )	1.84L	Moderately susceptible. Spray young rosettes.
<b>Spear Thistle</b> ( <i>Cirsium vulgare</i> )	1.31-1.84L	Moderately susceptible. Spray young rosettes.
<b>Stinkwort</b> ( <i>Dittrichia graveolens</i> )	1.4L	Spray very young before plants are 15cm high.
<b>Turnip Weed</b> ( <i>Rapistrum rugosum</i> )	615 -965mL	Apply up to rosette stage. Apply lower rates to seedlings.
<b>Variegated Thistle</b> ( <i>Silybum marianum</i> )	735-965mL	Spray at pre -cabbage stage.

<b>Weed</b>	<b>Rate</b>	<b>Critical Comments</b>
<b>Volunteer Canola</b> ( <i>Brassica rapus</i> )	1.31L	Apply to seedlings only.
<b>Volunteer Safflower</b> ( <i>Carthamus tinctorius</i> )	880mL	Apply to seedlings only.
<b>Volunteer Sunflower</b> ( <i>Helianthus annuus</i> )	1.31 L	Apply to seedlings only.
<b>Wild Radish</b> ( <i>Raphanus raphanistrum</i> )	965-1.4L	Apply up to 2 - 3 leaf stage only.
<b>Wild Sage</b> ( <i>Salvia verbenaca</i> )	965mL	Spray young seedlings.
<b>Wild Turnip</b> ( <i>Brassica</i> spp.)	440mL-1.31L	Spray young rosettes. Lower rates for seedlings.

## **GENERAL INSTRUCTIONS**

Before opening, carefully read Directions for Use, Precautionary Statements, Safety Directions and First Aid Instructions. Weeds should be sprayed while actively growing and at their most susceptible stage. As a general guide, annuals should be sprayed when young and perennials just prior to appearance of bud stage. Extremes of cold or drought are unfavourable. The best conditions are when soil is moist, weather fine and rain unlikely within 6 hours following application. DO NOT spray weeds outside the stages indicated in "Critical Comments" as damage, loss of yield or inadequate weed control may result. DO NOT spray in high winds.

## **APPLICATION/MIXING INFORMATION**

This product mixes readily with water. Half fill the spray tank with clean water and add the required amount of product. Agitate thoroughly before adding remainder of water.

BOOM SPRAYING - Use 30-120 L/ha of water.

AERIAL SPRAYING - Use 10-90 L/ha of water.

## **EQUIPMENT MAINTENANCE AND USAGE**

Equipment that has been used for this chemical should not be used for the application of other materials to sensitive plants unless it has been well washed out with Spraymate Tank & Equipment Cleaner followed by several clear water rinses.

## **COMPATIBILITY / TANK MIXES**

This product can be mixed with metsulfuron, dicamba, bromoxynil, flowable diuron, flowable terbutryn, chlorsulfuron, glyphosate, diclofop-methyl 500 Herbicide, triasulfuron 750, Nugrex/Tigrex, Clopyralid 300, Propon. When tank mixing add the required amount of compatible product when the spray tank is nearly full and while continuously agitating. If left overnight, agitate thoroughly before spraying. When mixing with diclofop-methyl 500 Herbicide add an approved wetter surfactant and do not exceed 700mL of Choice MCPA LVE 570 Herbicide per hectare. For consistent results, use a minimum of 80L water per ha by ground and 30L by air, and if wild oats are present, use 2L Ryedown (Diclofop-Methyl 500) Herbicide per hectare.



## RESISTANT WEEDS WARNING

GROUP	<b>I</b>	HERBICIDE
-------	----------	-----------

Choice MCPA LVE 570 Herbicide is a member of the Phenoxy group of herbicides.

Choice MCPA LVE 570 Herbicide has the Disruptors of plant cell growth mode of action.

For weed resistance management Choice MCPA LVE 570 Herbicide is a Group I herbicide. Some naturally-occurring weed biotypes resistant to Choice MCPA LVE 570 Herbicide 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 Choice MCPA LVE 570 Herbicide or other Group I herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, Grow Choice Pty Ltd accepts no liability for any losses that may result from the failure of Choice MCPA LVE 570 Herbicide to control resistant weeds.

## **PROTECTION OF CROPS, 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.

Avoid spray drift and Vapor movement on susceptible crops such as cotton, vines, tomatoes, vegetables, fruit trees, Lucerne, legume crops and pastures, oilseed crops or other susceptible crops or trees (e.g. Kurrajongs, Belahs, Eucalyptus).

**Legume Tolerance:** The tolerance of pasture legumes to this product can vary with species, variety, growing conditions, stage of growth and companion crop cover. While MCPA is preferable to 2,4-D in most situations, this product will cause greater damage than MCPA amine formulations. Lucerne and Medics should not be sprayed under any circumstances with this product as severe damage will result.

## **PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT**

**DO NOT** contaminate streams, rivers of water with the chemicals or used container.

## **STORAGE AND DISPOSAL (5L, 20L and 200L only)**

Store in the closed, original container in a cool, well-ventilated area. DO NOT store for prolonged periods in direct sunlight.

This container can be recycled if it is clean, dry, free of visible residues and has the drumMUSTER logo visible. Triple or preferably pressure rinse containers before disposal. Dispose of rinsate by adding it to the spray tank. DO NOT dispose of undiluted chemical on site. Wash outside of the container and the cap. Store cleaned container in a sheltered place with cap removed. It will then be acceptable for recycling at any drumMUSTER collection point or similar container management program site. The cap should not be replaced but may be taken separately.

If not recycling, break, crush, or puncture and deliver empty packaging for appropriate disposal to an approved waste management facility. Do not burn empty containers or product.

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.

## **Refillable containers (1000L only):**

Store in the closed, original container in a cool well ventilated area. DO NOT store for prolonged periods in direct sunlight. Empty contents fully into application equipment. Close all valves and return to point of sale for refill or storage.

## **SAFETY DIRECTIONS**

Harmful if swallowed. Attacks eyes. Will irritate the skin. When preparing spray and using the prepared spray wear cotton overalls buttoned to the neck and wrist and a washable hat, elbow-length PVC gloves and goggles. 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, goggles and contaminated clothing.

## **FIRST AID**

If poisoning occurs, contact a Doctor or Poisons Information Centre (Phone 13 11 26).

## **SAFETY DATA SHEET**

Additional information is listed in Safety Data Sheet, which is available from the supplier.

## **NOTICE TO BUYER**

Grow Choice Pty. Ltd. will not be held liable for any loss, injury or damage, indirect or consequential, arising from the sale, supply, use or application of this product. The product is not to be used for any purpose or in any way contrary to label instructions.



**GROW CHOICE PTY LTD**

113 Fitzroy Street

Tamworth NSW 2340

Telephone: (02) 67 663 979

ACN 069 839 961