

Front Label

POISON

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

Genfarm LVE MCPA 500 Herbicide

ACTIVE CONSTITUENT: 500 g/L MCPA present as the ethyl hexyl ester.

GROUP	I	HERBICIDE
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For the selective control of certain broadleaved weeds in cereals and pastures
as per the Directions For Use.

Important: Read the attached booklet before use.

Contents: 20 L, 100 L, 110 L, 1000 L

**Genfarm Crop Protection Pty Ltd
Suite 2, Level 3, 64 Talavera Road,
North Ryde,
NSW, 2113
Tel: (02) 9889 5400**

20 L

STORAGE AND DISPOSAL

Store in the closed, original container in a cool, well ventilated area.
DO NOT store for prolonged periods in direct sunlight.
DO NOT store near food, feedstuffs, fertilisers or seed.

This container can be recycled if it is clean, dry, free of visible residues and has the **drumMUSTER** logo visible. Triple or pressure rinse container for disposal. Dispose of rinsate by adding to the spray tank. Do not dispose of undiluted chemicals 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 or similar container management site. The cap should not be replaced but may be taken separately. If not recycling, break, crush or puncture and bury empty containers in a local authority landfill. If no landfill is available, bury the containers below 500mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should not be burnt.

SPILL AND LEAK MANAGEMENT

Do not touch or walk through spilled material. Wear a face-shield or goggles, overalls buttoned to neck and wrist, chemical resistant gloves and footwear. Stop leak when safe to do so. Dam area and prevent entry into waterways, and drains.

Small spills/leaks: Absorb with material such as sand, soil or sawdust. Collect spilled product and place in sealable container for disposal. Spill residues may be cleaned using water and detergent. Contain and absorb wash water for disposal. Absorb and collect washings and place in the same sealable container for disposal. Dam the area of large spills.

SAFETY DIRECTIONS

Harmful if swallowed. Corrosive. Attacks eyes and will irritate the skin. Avoid contact with eyes and skin. When opening the container wear cotton overalls buttoned to the neck and wrist, washable hat, elbow-length PVC gloves, goggles and half face piece respirator. When using the prepared spray wear cotton overalls buttoned to the neck and wrist and a washable hat, elbow length PVC gloves. If product is in the 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, contaminated clothing and respirator. If rubber wash with detergent and warm water.

FIRST AID

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

MATERIAL SAFETY DATA SHEET

For further information, refer to the Material Safety Data Sheet (MSDS) which is available from the supplier.

CONDITIONS OF SALE

The use of this product is beyond the control of Genfarm Crop Protection Pty Ltd. No warranty is expressed or implied regarding the suitability or efficiency for any purpose for which it is used by the buyer. Genfarm Crop Protection Pty Ltd. accepts no responsibility for any consequences resulting from the use of this product. Genfarm Crop Protection Pty Ltd. will not be held liable for any loss, injury or damage arising from the sale, supply or use of this product, whether through negligence or otherwise. No responsibility will be accepted for any consequences whatsoever resulting from the use of this product.

APVMA Approval No: 63585/20L/1208
Batch No:
Date of Manufacture:

In a Transport Emergency Dial 000 Police or Fire Brigade	SPECIALIST ADVICE IN EMERGENCY ONLY 1800 033 111 ALL HOURS AUSTRALIA WIDE
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100 L, 110 L

STORAGE AND DISPOSAL

Store in the closed, original container in a cool, well ventilated area. DO NOT store for prolonged periods in direct sunlight. DO NOT store near food, feedstuffs, fertilisers or seed.

Do not tamper with the dry valves or security seal. Do not contaminate the drum with water or any other foreign matter. After each use of the product ensure that the dry valve coupler, delivery system and hoses are disconnected, triple rinsed with clean water and drained. Add the rinsings to the spray tank. When the drum is empty close all valves and return to the point of purchase. The drum remains the property of Genfarm and must be returned.

SPILL AND LEAK MANAGEMENT

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Batch No:

Date of Manufacture:

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1000 L

STORAGE AND DISPOSAL

Store in the closed, original container in a cool, well ventilated area. DO NOT store for prolonged periods in direct sunlight. DO NOT store near food, feedstuffs, fertilisers or seed.

Empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage.

SPILL AND LEAK MANAGEMENT

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Small spills/leaks: Absorb with material such as sand, soil or sawdust. Collect spilled product and place in sealable container for disposal. Spill residues may be cleaned using water and detergent. Contain and absorb wash water for disposal. Absorb and collect washings and place in the same sealable container for disposal. Dam the area of large spills.

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APVMA Approval No: 63585/1000L/1208

Batch No:

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Booklet

POISON

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Genfarm LVE MCPA 500 Herbicide

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GROUP	I	HERBICIDE
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For the selective control of certain broadleaved weeds in cereals and pastures as per the
Directions For Use.

Important: Read this booklet before using this product

APVMA APPROVAL NO: 63585/1208

Genfarm Crop Protection Pty Ltd
Suite 2, Level 3, 64 Talavera Road,
North Ryde,
NSW, 2113
Tel: (02) 9889 5400

DIRECTIONS FOR USE:**RESTRAINTS:** Avoid spraying if rain is likely within 6 hours as weed control may be reduced.**DO NOT** apply if crop or weeds are stressed due to dry or excessively moist conditions.**1. FIELD CROPS (Wheat, Oats, Triticale and Cereal Rye only)**

CROP GROWTH STAGE	WEEDS CONTROLLED	WEED GROWTH STAGE	RATE (/ha)	CRITICAL COMMENTS
3 to 5 leaf stage (Z13 to Z15)	Charlock (<i>Sinapis arvensis</i>)	Young seedling rosette	500 mL	Do not use on Kulin wheat.
	Wild turnip (<i>Brassica</i> spp.)			
3 leaf to fully tillered (Z13 to Z30)	Wild radish (<i>Raphanus raphanistrum</i>)	Up to 4 leaf and not more than 12 cm diameter	200 mL + 350 mL Tigrex	Do not use this tank-mix if cereals are undersown with lucerne or annual medics. Optimum results are achieved when sprayed at 3-4 leaf crop stage (generally 4-8 weeks post-sowing). Warning: Tigrex may cause transient crop yellowing of cereals.
		Up to 6 leaf and not more than 15 cm diameter	200 mL + 500 mL Tigrex	

2. FIELD CROPS (Wheat, Barley, Oats, Triticale and Cereal Rye only), Established Grass Pastures & Grass Seed Crops (damage may occur to Legumes if present).

CROP GROWTH STAGE	WEEDS CONTROLLED	WEED GROWTH STAGE	RATE (/ha)	CRITICAL COMMENTS
5 leaf stage through to flag leaf (Z15 – Z37)	Bathurst burr (<i>Xanthium spinosum</i>)	Young seedling	1.6 L	
	Capeweed (<i>Arctotheca calendula</i>)	2-4 leaf up to 5 cm diameter	1.7 L	May be poisonous to stock after spraying.
	Charlock (<i>Sinapis arvensis</i>)	Young rosette	500 mL - 1.6 L	
	Dandelion (<i>Taraxacum officinale</i>)	Early rosette stage	1.6 L	
	Fat hen (<i>Chenopodium album</i>)	Young seedling	1 - 1.6 L	Tolerance increases with age.
	Fumitory (<i>Fumaria</i> spp.)	Up to first true leaf stage	1.1 L	Moderately susceptible. (Not Tas)
	Hedge mustards (<i>Sisymbrium</i> spp.)	Young rosette	560 mL - 1 L	
	Lincoln weed (<i>Diploaxis tenuifolia</i>)		700 mL	
	London rocket (<i>Sisymbrium irio</i>)		1.1 L	
	Noogoora burr (<i>Xanthium occidentale</i>)		1.6 L	
	Paterson's curse (<i>Echium plantagineum</i>)	2-4 leaf stage	1.7 L	May be poisonous to stock after spraying.
	Saffron thistle (<i>Carthamus lanatus</i>)	Young rosette	1.1 - 1.9 L	Spray before leaves become spiny.
	Scotch (Cotton) thistle (<i>Onopordum acanthium</i>)		700 mL - 1.7 L	
	Skeleton weed (<i>Chondrilla juncea</i>)		1.1 - 1.6 L	Moderately susceptible. Spray before aerial growth commences.
	Slender thistle (<i>Carduus tenuiflorus</i>)		2.1 L	Moderately susceptible.
	Spear thistle (<i>Cirsium vulgare</i>)		1.5 - 2.1 L	Moderately susceptible.
	Stinkwort (<i>Dittrichia graveolens</i>)	Young plants up to 15 cm high	1.6 L	
Turnip weed (<i>Rapistrum rugosum</i>)	Up to rosette stage	700 mL - 1.1 L	Apply lower rate to seedlings.	

2. FIELD CROPS (Wheat, Barley, Oats, Triticale and Cereal Rye), Established Grass Pastures & Grass Seed Crops (damage may occur to Legumes if present) - continued

CROP GROWTH STAGE	WEEDS CONTROLLED	WEED GROWTH STAGE	RATE (/ha)	CRITICAL COMMENTS
5 leaf stage through to flag leaf (Z15 – Z37)	Volunteer canola (<i>Brassica napus</i>)	seedlings	1.5 L	
	Variegated thistle (<i>Silybum marianum</i>)	Before pre-cabbage stage	840 mL - 1.1 L	May be poisonous to stock after spraying.
	Volunteer safflower (<i>Carthamus tinctorius</i>)	Seedlings	1 L	
	Volunteer sunflower (<i>Helianthus annuus</i>)	Seedlings	1.5 L	
	Wild radish (<i>Raphanus raphanistrum</i>)	2-3 leaf stage	1.1 - 1.6 L	
5 leaf stage to fully tillered (Z15 to Z30)		Up to 8 leaf and not more than 18 cm diameter	400 mL + 500 mL Tigrex®	Reduced efficacy (suppression only) may be achieved on wild radish larger than 8 leaf or greater than 18 cm diameter. Do not use this tank-mix if cereals are undersown with lucerne or annual medics. Optimum results are achieved when sprayed at 3-4 leaf crop stage (generally 4-8 weeks post-sowing). Warning: Tigrex may cause transient crop yellowing of cereals.
5 leaf stage through to flag leaf (Z15 – Z37)	Wild sage (<i>Salvia verbenaca</i>)	Young seedlings	1.1 L	
	Wild turnip (<i>Brassica spp.</i>)	Up to young rosettes	500 mL - 1.5 L	Lower rate for seedlings.

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

WITHHOLDING PERIOD:

PASTURE, CEREAL CROPS - DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 7 DAYS AFTER APPLICATION.

HARVEST WITHHOLDING PERIOD: NOT REQUIRED WHEN USED AS DIRECTED.

GENERAL INSTRUCTIONS

Before opening, carefully read DIRECTIONS FOR USE, PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS, 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 is fine and rain unlikely within 6 hours of application.

APPLICATION INFORMATION

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 hot soapy water or 1% solution of ammonia, followed by several clear water rinses.

COMPATIBILITY

This product may be tank mixed with Broadstrike Herbicide, bromoxynil, dicamba, diflufenican, diuron (500 g/L or 900 g/kg), chlorsulfuron, diclofop-methyl, glyphosate, metsulfuron, Hotshot Herbicide, Clopyralid 300, Clopyralid 750SG, Sertin, fluroxypyr, Flowable terbutryn, Tigrex, Genfarm McPik 242, Genfarm Di-Par 250, Torpedo Herbicide, triasulfuron, Tribunil and Wildcat.

When mixing with diclofop-methyl, add an approved surfactant and do not exceed 700 mL/ha of

MCPA LVE 500. For consistent results, use a minimum of 80 L water per hectare by ground and 30 L water by air.

NOTE:

1. As formulations of other manufacturers' products are beyond the control of Genfarm all mixtures should be tested on a small scale before mixing in the spray tank.
2. Tank mixing instructions:
Fill the spray tank 1/4 full of water and agitate. Add wettable powders and water dispersible granules first. Agitate until these are uniformly dispersed, meanwhile adding water until the tank is 90% full. Add suspension concentrates (flowables) then soluble concentrates. Emulsifiable concentrates go in last. Top off the tank with water and continue agitation until all the ingredients are properly mixed.
Observe any mixing sequence instructions mentioned on the tank mix products.

RESISTANT WEEDS WARNING

GROUP	I	HERBICIDE
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Genfarm LVE MCPA 500 Herbicide is a member of the Phenoxys group of herbicides. **Genfarm LVE MCPA 500 Herbicide** has the disruptors of plant cell growth mode of action. For weed resistance management **Genfarm LVE MCPA 500 Herbicide** is a Group I herbicide. Some naturally occurring weed biotypes resistant to **Genfarm LVE MCPA 500 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 **Genfarm LVE MCPA 500 Herbicide** or other Group I herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, Genfarm Crop Protection Pty Ltd accepts no liability for any losses that may result from the failure of **Genfarm LVE MCPA 500 Herbicide** to control resistant weeds.

PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

DO NOT spray in high winds. DO NOT spray crops or weeds outside the stages indicated in "WEED GROWTH STAGE" as damage, loss of yield or inadequate weed control may result.

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. Avoid spray drift onto susceptible crops such as cotton, tobacco, tomatoes, vines, fruit trees, vegetables, legume crops and pastures, oilseed crops and susceptible trees (e.g.. Kurrajongs, Belahs and Eucalypts). DO NOT use unless wind speed is more than 3 kilometres per hour and less than 15 kilometres per hour, as measured at the application site.

Legume Tolerance: While **Genfarm LVE MCPA 500 Herbicide** is preferred to Statesman 720 (2,4-D amine) or Genfarm LV Ester 680 in most situations, this product will cause greater damage than MCPA 500 Amine.

NB. The tolerance of pasture legumes to applied product can vary with species, variety, growing conditions, stage of growth and companion crop cover. DO NOT spray cereal crops undersown with lucerne or medics as severe damage will result.

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

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

STORAGE AND DISPOSAL

Store in the closed, original container in a cool, well ventilated area. DO NOT store for prolonged periods in direct sunlight. DO NOT store near food, feedstuffs, fertilisers or seed.

The method of disposal of the container depends on the container type. Read the STORAGE AND DISPOSAL instructions on the label that is attached to the container.

SPILL AND LEAK MANAGEMENT

Do not touch or walk through spilled material. Wear a face-shield or goggles, overalls buttoned to neck and wrist, chemical resistant gloves and footwear. Stop leak when safe to do so. Dam area and prevent entry into waterways, and drains.

Small spills/leaks: Absorb with material such as sand, soil or sawdust. Collect spilled product and place in sealable container for disposal. Spill residues may be cleaned using water and detergent. Contain and absorb wash water for disposal. Absorb and collect washings and place in the same sealable container for disposal. Dam the area of large spills.

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