



Product Name: NAADCO MCPA LVE 570 HERBICIDE
APVMA Approval No: 90034/127119

Label Name:	NAADCO MCPA LVE 570 HERBICIDE
Signal Headings:	POISON KEEP OUT OF REACH OF CHILDREN READ SAFETY DIRECTIONS BEFORE OPENING OR USING
Constituent Statements:	ACTIVE CONSTITUENT: 570 g/L MCPA present as the 2-ethylhexyl ester
Mode of Action:	GROUP I HERBICIDE
Statement of Claims:	For the selective control of certain weeds in agricultural crops as listed in the Directions for Use table.
Net Contents:	20L, 110L, 200L, 1000L
Restrains:	
Directions for Use:	This section contains file attachment.
Other Limitations:	
Withholding Periods:	WITHHOLDING PERIOD: HARVEST: NOT REQUIRED WHEN USED AS DIRECTED GRAZING: DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 7 DAYS AFTER APPLICATION
Trade Advice:	

General Instructions:	This section contains file attachment.
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Resistance Warning:	<p>NAADCO MCPA LVE 570Herbicide is a member of the Phenoxys group of herbicides. NAADCO MCPA LVE 570 Herbicide has the Disruptors of plant cell growth mode of action. For weed resistance management NAADCO MCPA LVE 570 Herbicide is a Group I herbicide. Some naturally-occurring weed biotypes resistant to NAADCO MCPA LVE 570Herbicide 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 NAADCO MCPA LVE 570Herbicide or other Group I herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, NAADCO accepts no liability for any losses that may result from the failure of NAADCO MCPA LVE 570Herbicide to control resistant weeds.</p>
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Precautions:	
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Protections:	<p>PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS DO NOT spray in high winds. Do not spray crops pr weeds outside the stages indicated in "Critical Comments" as damage, loss of yield or inadequate weed control may results. 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 and vapour movement onto 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, eucalypts). 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 2,4-D amine formulations. Lucerne and medics should not be sprayed under any circumstances with this product, as severe damage will result. PROTECTION OF WILDLIFE, FISH, CRUSTACEA AND ENVIRONMENT DO NOT contaminate streams, rivers or waterways with the chemical or used container.</p>
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Storage and Disposal:	<p>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 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 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. Envirodrum 110L Mini Bulk Returnable Container 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 empty Envirodrum to the point of purchase.</p>
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For refillable containers (1,000L Only):
Store in the closed, original container in a cool, well ventilated area away from children, animals, food, feedstuffs, seed and fertilizer. DO NOT store for prolonged periods in direct sunlight. Empty contents fully into application equipment. Close all valves and return to point of supply 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 Instructions:

If poisoning occurs contact a doctor or Poisons Information Centre. Phone Australia 13 11 26, New Zealand 0800 764 766.

First Aid Warnings:

DIRECTIONS FOR USE

Situation & Crop	Weeds	Rate/ha	Critical Comments
Wheat (up to early flag leaf (Z37) only)	Refer Weed Table	440mL-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-1.84L	Use 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). Barley: Use only from 5 leaf stage to flag leaf just visible (Z15-Z37).
Grass Pastures and Grass Seed Crops		440mL-1.84L	Apply to established grass based pastures. Damage may occur to Legumes if present. See Legume Tolerance under Protection of Crops. NOTE: Capeweed, Paterson's Curse (Salvation Jane) and Variegated Thistle may be poisonous to stock after spraying.
CEREALS Wheat, barley, oats, triticale, cereal rye	Wild radish Stage of weed growth	175mL plus Nugrex ¹ 350mL	*Reduced efficacy (suppression only) may be achieved on wild radish larger than 8 leaf or greater than 180mm in diameter.
	Up to the 4 leaf stage and not more than 120mm in diameter		DO NOT use this tank-mix if cereals are undersown with lucerne or annual medics. Crop Stage Nugrex ¹ 350mL + NAADCO MCPA LVE 570Herbicide 175mL: Apply from 3 leaf to fully tillered (Z13-30).
	Up to the 6 leaf stage and not more than 150mm in diameter		175mL plus Nugrex ¹ 500mL
Up to the 8 leaf stage and not more than 180mm indiameter*	350mL plus Nugrex ¹ 500mL	Nugrex ¹ 500mL + NAADCO MCPA LVE 570Herbicide 350mL: Apply from 5 leaf stage to fully tillered (Z16-30). Optimum results are achieved when sprayed at 3-5 leaf crop stage (generally 4-8 weeks post-sowing). WA only: DO NOT apply to Barley or Kulin Wheat before the 5 leaf stage (Z15). Warning: Nugrex ¹ 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 ¹ label).	

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

WEED TABLE: Specific Weed Control Recommendations.

Where weeds are to be sprayed in a crop or pasture, use only the rates given for the particular crop or situation indicated under the Directions of 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 crop or pasture is not involved.

Use at these rates in a crop or pasture other than for spot spraying may cause damage.

Weeds	Rate/ha	Critical Comments
Bathurst Burr (<i>Xanthium spinosum</i>)	1.4L	Moderately susceptible. Spray young seedlings.
Capeweed (<i>Arctotheca calendula</i>)	1.49L	Apply up to 2-4 leaf stage only when plants are no larger than 5cm in diameter.
Charlock (<i>Sinapisarvensis</i>)	400mL-1.4L	Young rosettes very susceptible.
Dandelion (<i>Taraxacum officinale</i>)	1.4L	Apply in early rosette stage.
Fat Hen (<i>Chenopodium album</i>)	880mL-1.4L	Tolerance increases with age. Use lower rate only on seedlings.
Fumitory (<i>Fumaria</i>)	965mL	Moderately susceptible. Spray up to first true leaf stage. (Not Tas).
Hedge Mustards (<i>Sisymbrium</i> spp)	490-880mL	Apply at rosette stage.
Lincoln Weed (<i>Diploaxistenuifolia</i>)	615mL	Apply up to rosette stage only.
London Rocket (<i>Sisymbriumirio</i>)	965mL	Spray at young stage.
Noogoora Burr (<i>Xanthium occidentale</i>)	1.4L	Tolerance increases with age. Spray young seedlings only.
Paterson's Curse (<i>Echium plantagineum</i>)	1.49L	Apply at 2 to 4 leaf stage only.
Saffron Thistle (<i>Carthamuslanatus</i>)	965mL-1.66L	Spray young rosettes before leaves become spiny.
Scotch (Cotton) Thistle (<i>Onopordumacanthium</i>)	615mL-1.49L	Spray young rosettes.
Skeleton Weed (<i>Chondrilla juncea</i>)	965mL-1.4L	Moderately susceptible. Spray rosettes before aerial growth commences.
Slender Thistle (<i>Carduustenuiflorus</i>)	1.84L	Moderately susceptible. Spray young rosettes.
Spear Thistle (<i>Cirsiumvulgare</i>)	1.31-1.84L	Moderately susceptible. Spray young rosettes.
Stinkwort (<i>Dittrichiagraveolens</i>)	1.4L	Spray very young before plants 15cm high.
Turnip Weed (<i>Rapistrum rugosum</i>)	615 -965mL	Apply up to rosette stage. Apply lower rates to seedlings.
Volunteer Canola (<i>Brassica napus</i>)	1.31L	Apply to seedlings only.
Variegated Thistle (<i>Silybummarianum</i>)	735-965mL	Spray at pre-cabbage stage.
Volunteer Safflower (<i>Carthamustinctorius</i>)	880mL	Apply to seedlings only.
Volunteer Sunflower (<i>Helianthus annuus</i>)	1.31L	Apply to seedlings only.
Wild Radish (<i>Raphanus raphanistrum</i>)	965-1.4L	Apply up to 2 to 3 leaf stage only.
Wild Sage (<i>Salvia verbenaca</i>)	965mL	Spray young seedlings.
Wild Turnip (<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 a tank & equipment cleaner followed by several clear water rinses.

COMPATIBILITY / TANK MIXES

This product can be mixed with metsulfuron (600 g/kg), dicamba (200 g/L), Bromoxynil, Flowable Diuron, Flowable Terbutryn, glyphosate, Diclofop-Methyl (500g/L), Triasulfuron (750g/L), Roundup[^], Grasp[^], Lontrel[^]/Archer[™], Propon, Puma[^], Glean[^]/Siege[^], Nugrex/Tigrex[^]. The effectiveness of Imidan[®], Le Mat[®].Metasystox and Ravensdown Unidime 400 Herbicide may be reduced by alkaline hydrolysis if tank mixed with this product. For these situations the addition of Spratmate L1-700 is recommended. 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 (375 g/L) add an approved wetter (1000 g/L non-ionic) and do not exceed 700mL of NAADCO 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 diclofop-methyl (500g/L) per hectare.