

POISON

KEEP OUT OF REACH OF CHILDREN

READ SAFETY DIRECTIONS BEFORE OPENING OR USING



F.S.A.

MCPA LVE 570

HERBICIDE

**ACTIVE CONSTITUENT: 570 g/L MCPA
present as the 2-ethylhexyl ester**

GROUP 4 HERBICIDE

For selective control of certain weeds
in agricultural crops as listed in the
Directions for Use

**IMPORTANT: READ THIS BOOKLET BEFORE
USING THIS PRODUCT**



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 - 1.4L	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		*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	175mL plus dff/MCPA 350mL	DO NOT use this tank-mix if cereals are undersown with lucerne or annual medics.
	Up to the 6-leaf stage and not more than 150mm in diameter	175mL plus dff/MCPA 500mL	Crop Stage F.S.A. MCPA LVE 570 Herbicide 175mL + dff/MCPA 350mL: Apply from 3-leaf to fully tillered (Z13-30).
	Up to the 8-leaf stage and not more than 180mm in diameter*	350mL plus dff/MCPA 500mL	F.S.A. MCPA LVE 570 Herbicide 175mL + dff/MCPA 500mL: Apply from 3-leaf to fully tillered (Z13-30). F.S.A. MCPA LVE 570 Herbicide 350mL + dff/MCPA 500mL: 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: Dff/MCPA 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 Dff/MCPA label).

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

WITHHOLDING PERIODS

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 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	RAT/ha	CRITICAL COMMENTS
Bathurst Burr (<i>Xanthium spinosum</i>)	1.4 L	Moderately susceptible. Spray young seedlings.
Capeweed (<i>Arctotheca calendula</i>)	1.49 L	Apply up to 2-4 leaf stage only when plants are no larger than 5cm in diameter.
Charlock (<i>Sinapis arvensis</i>)	400 mL - 1.4 L	Young rosettes very susceptible.
Dandelion (<i>Taraxacum officinale</i>)	1.4 L	Apply in early rosette stage.
Fat Hen (<i>Chenopodium album</i>)	880 mL - 1.4 L	Tolerance increases with age. Use lower rate only on seedlings.
Fumitory (<i>Fumaria</i>)	965 mL	Moderately susceptible. Spray up to first true leaf stage. (Not Tas).
Hedge Mustards (<i>Sisymbrium</i> spp)	490 - 880 mL	Apply at rosette stage.
Lincoln Weed (<i>Diploaxis tenuifolia</i>)	615 mL	Apply up to rosette stage only.
London Rocket (<i>Sisymbrium irio</i>)	965 mL	Spray at young stage.
Noogoora Burr (<i>Xanthium occidentale</i>)	1.4 L	Tolerance increases with age. Spray young seedlings only.
Paterson's Curse (<i>Echium plantagineum</i>)	1.49 L	Apply at 2 to 4 leaf stage only.
Saffron Thistle (<i>Carthamus lanatus</i>)	965 mL - 1.66 L	Spray young rosettes before leaves become spiny.
Scotch (Cotton) Thistle (<i>Onopordum acanthium</i>)	615 mL - 1.49 L	Spray young rosettes.
Skeleton Weed (<i>Chondrilla juncea</i>)	965 mL - 1.4 L	Moderately susceptible. Spray rosettes before aerial growth commences.
Slender Thistle (<i>Carduus tenuiflorus</i>)	1.84 L	Moderately susceptible. Spray young rosettes.
Spear Thistle (<i>Cirsium vulgare</i>)	1.31 - 1.84 L	Moderately susceptible. Spray young rosettes.
Stinkwort (<i>Dittrichia graveolens</i>)	1.4 L	Spray very young before plants 15cm high.
Turnip Weed (<i>Rapistrum rugosum</i>)	615 - 965 mL	Apply up to rosette stage. Apply lower rates to seedlings.
Volunteer Canola (<i>Brassica napus</i>)	1.31 L	Apply to seedlings only.
Variigated Thistle (<i>Silybum marianum</i>)	735 - 965 mL	Spray at pre-cabbage stage.
Volunteer Safflower (<i>Carthamus tinctorius</i>)	880 mL	Apply to seedlings only.
Volunteer Sunflower (<i>Helianthus annuus</i>)	1.31 L	Apply to seedlings only.
Wild Radish (<i>Raphanus raphanistrum</i>)	965 mL - 1.4 L	Apply up to 2 to 3 leaf stage only.
Wild Sage (<i>Salvia verbenaca</i>)	965 mL	Spray young seedlings.
Wild Turnip (<i>Brassica</i> spp)	440 mL - 1.31 L	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 (600g/kg), dicamba (200g/L), bromoxynil (200g/L), diuron (500g/L), terbutryn (500g/L), chlorsulfuron (750g/kg), glyphosate, diclofop-methyl (375g/L), triasulfuron (750g/kg), diflufenican + MCPA (dff/MCPA), clopyralid (300g/L), 2,2DPA. 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 F.S.A. 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 (375 g/L) per hectare.

RESISTANT WEEDS WARNING

GROUP	4	HERBICIDE
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F.S.A. MCPA LVE 570 Herbicide is a member of the Phenoxys group of herbicides. F.S.A. MCPA LVE 570 Herbicide has the Disruptors of plant cell growth mode of action. For weed resistance management F.S.A. MCPA LVE 570 Herbicide is a Group 4 herbicide. Some naturally-occurring weed biotypes resistant to F.S.A. MCPA LVE 570 Herbicide and other Group 4 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 F.S.A. MCPA LVE 570 Herbicide or other Group 4 herbicides.

Since the occurrence of resistant weeds is difficult to detect prior to use, Four Seasons Agribusiness Pty Ltd accepts no liability for any losses that may result from the failure of F.S.A. 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 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 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 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. 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 for appropriate disposal 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.

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 supply for refill or storage.

110L Mini-Bulk Returnable Container

Store the original sealed container in a cool, well-ventilated area. DO NOT store for prolonged periods in direct sunlight. DO NOT tamper with the MicroMatic valve or the security seal. DO NOT contaminate the container with water or any other foreign matter. After each use of the product please ensure that the MicroMatic coupler, delivery system and hoses are disconnected, triple rinsed with clean water and drained accordingly. When the contents of the container have been used, please return the empty container to the point of purchase. The 110L container remains the property of Four Seasons Agribusiness Pty Ltd.

SAFETY DIRECTIONS

Harmful if swallowed. May irritate the skin. Avoid contact with eyes and skin. When opening the container, mixing, loading and using the prepared spray wear cotton overalls buttoned to the neck and wrist and a washable hat and elbow length chemical resistant gloves. Wash hands after use.

FIRST AID

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

SAFETY DATA SHEET

For further information refer to the Safety Data Sheet which is available from the supplier.

CONDITIONS OF SALE

The sale, supply, storage, use and application of this product is beyond the control of the manufacturer, and, subject to this provision, all warranties, conditions, rights and remedies express or implied under common law, statute or otherwise, in relation to the sale, supply, storage, use or application are excluded. Four Seasons Agribusiness Pty Limited and its associated entities shall not accept any liability whatsoever (including consequential loss) or however arising (including negligence) for any damage, injury or death connected with the sale, supply, storage, use or application of this product except for liability which cannot be excluded by statute.

Combustible liquid. Harmful in contact with skin. Harmful if inhaled. Very toxic to aquatic life with long lasting effects. Avoid breathing fumes, mists, vapours or spray. Do not eat, drink or smoke when using this product. Use only outdoors or in a well ventilated area. Avoid release to the environment. Wash contaminated clothing before reuse. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Collect spillage. In case of fire, use carbon dioxide, dry chemical, foam, water fog.

**IN AN EMERGENCY, DIAL 000
POLICE OR FIRE BRIGADE**