

POISON

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

Smart MCPA LVE 570 EC

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 THE ATTACHED
BOOKLET BEFORE USING THIS PRODUCT**

Batch Number:

Date of Manufacture:

Scan QR Code to
access SDS
on mobile device



APVMA Approval Number: 69428/134279

Crop Smart Pty. Ltd
ABN 28 093 927 961
2409/4 Daydream Street, Warriewood NSW 2102
Tel: 1300 783 481 Fax: 1300 783 491

Crop Smart
better crop protection



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CONTENTS: 5 – 1000 LITRES

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DIRECTIONS FOR USE:

RESTRAINTS:

SPRAY DRIFT RESTRAINTS

Specific definitions for terms used in this section of the label can be found at apvma.gov.au/spraydrift

DO NOT allow bystanders to come into contact with the spray cloud.

DO NOT apply in a manner that may cause an unacceptable impact to native vegetation, agricultural crops, landscaped gardens and aquaculture production, or cause contamination of plant or livestock commodities, outside the application site from spray drift.

Wherever possible, correctly use application equipment designed to reduce spray drift and apply when the wind direction is away from these sensitive areas. DO NOT apply if there are hazardous surface temperature inversion conditions present at the application site during the time of application. Surface temperature inversion conditions exist most evenings one to two hours before sunset and persist until one to two hours after sunrise.

DO NOT apply when wind speed is less than 3 or more than 20 kilometres per hour (ground application) as measured at the application site. DO NOT apply when wind speed is less than 3 or more than 15 kilometres per hour (aerial application) as measured at the application site.

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.

Situation & Crop	Weeds	Rate/ha	Critical Comments
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	Smart MCPA LVE 570 EC Herbicide 175mL plus Smart Trex Herbicide 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	Smart MCPA LVE 570 EC Herbicide 175mL plus Smart Trex Herbicide 500mL	Crop Stage Smart Trex Herbicide 350mL + Smart MCPA LVE 570 EC Herbicide 175mL: Apply from 3 leaf to fully tillered (Z13-30). Smart Trex Herbicide 500mL + Smart MCPA LVE 570 EC Herbicide 175mL: Apply from 3 leaf to fully tillered (Z13-30). Smart Trex Herbicide 500mL + Smart MCPA LVE 570 EC Herbicide 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: Smart Trex Herbicide 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 Smart Trex Herbicide label).
Up to the 8 leaf stage and not more than 180mm in diameter*	Smart MCPA LVE 570 EC Herbicide 350mL plus Smart Trex Herbicide 500mL		

NOT TO 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.

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 Smart Dicamba 500, Bromicide, Flowable Diuron, Flowable Terbutryn, Chlorsulfuron 750, Smart Glyphosate, Roundup, Diclofop-Methyl 375 Selective Herbicide, Smart Triasulfuron 750 WG Herbicide, Smart Trex Herbicide, Smart Clopyralid 300 Herbicide 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 EC Selective Herbicide add an approved Wetter 1000 surfactant and do not exceed 700mL of Smart MCPA LVE 570 EC 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 EC Selective Herbicide per hectare.

GROUP 4 HERBICIDE

RESISTANT WEEDS WARNING

Smart MCPA LVE 570 EC Herbicide is a member of the Phenoxys group of herbicides. Smart MCPA LVE 570 EC Herbicide has the Disruptors of plant cell growth mode of action. For weed resistance management Smart MCPA LVE 570 EC Herbicide is a Group 4 herbicide. Some naturally-occurring weed biotypes resistant to Smart MCPA LVE 570 EC 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 Smart MCPA LVE 570 EC Herbicide or other Group 4 herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, Crop Smart Pty Ltd accepts no liability for any losses that may result from the failure of Smart MCPA LVE 570 EC 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 (eg. 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 watercourses 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 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 sale for refill or storage.

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. The Envirodrum remains the property of Crop Smart Pty Ltd.

SAFETY DIRECTIONS

Harmful if swallowed. May irritate the skin. Avoid contact with eyes and skin. When opening the container, mixing and loading and using the prepared spray wear cotton overalls buttoned to the neck and wrist and a washable hat, 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, New Zealand 0800 764 766.

SAFETY DATA SHEET

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

CONDITION OF SALE

Crop Smart Pty Ltd ("Crop Smart") shall not be liable for any loss, injury, damage or death whether consequential or otherwise whatsoever, or howsoever arising through negligence or otherwise in connection with the sale, supply, use or application of this product. The supply of this product is on the express conditions that the purchaser does not rely on Crop Smart's skill or judgement in purchasing or using the same and every person dealing with this product does so at his own risk absolutely. No representative of Crop Smart has any authority to alter these conditions.

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>Sinapis arvensis</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 spp</i>)	490-880mL	Apply at rosette stage.
Lincoln Weed (<i>Diploaxis tenuifolia</i>)	615mL	Apply up to rosette stage only.
London Rocket (<i>Sisymbrium irio</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>Carthamus lanatus</i>)	965mL-1.66L	Spray young rosettes before leaves become spiny.
Scotch (Cotton) Thistle (<i>Onopordum acanthium</i>)	615mL-1.49L	Spray young rosettes.

Weeds	Rate/ha	Critical Comments
Skeleton Weed (<i>Chondrilla juncea</i>)	965mL-1.4L	Moderately susceptible. Spray rosettes before aerial growth commences.
Slender Thistle (<i>Carduus tenuiflorus</i>)	1.84L	Moderately susceptible. Spray young rosettes.
Spear Thistle (<i>Cirsium vulgare</i>)	1.31-1.84L	Moderately susceptible. Spray young rosettes.
Stinkwort (<i>Dittrichia graveolens</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.
Variiegated Thistle (<i>Silybum marianum</i>)	735-965mL	Spray at pre-cabbage stage.
Volunteer Safflower (<i>Carthamus tinctorius</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 spp</i>)	440mL-1.31L	Spray young rosettes. Lower rates for seedlings.



Additional GHS Statement

Harmful if swallowed. Harmful in contact with skin. Harmful if inhaled.
Very toxic to aquatic life with long-lasting effects.

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

**EMERGENCY CONTACT CHEMWATCH
1800 951 288
AUSTRALIA WIDE, 24 HOURS**

