

POISON

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

TITAN

MCPA 500 LVE

Selective Herbicide

ACTIVE CONSTITUENT: 500g/L MCPA PRESENT
as the 2-ETHYL HEXYL ESTER
SOLVENT: 155g/L LIQUID HYDROCARBONS

GROUP I HERBICIDE

For selective control of certain weeds in agricultural crops listed
as per directions for use table.

IMPORTANT: READ THOROUGHLY BEFORE OPENING OR
USING THIS PRODUCT.

APVMA Approval No.: 61567/0107

Pack Size: 20L, 110L, 120L, 220L, 1000L



TITAN AG Pty Ltd

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IN A TRANSPORT EMERGENCY

DIAL 000

POLICE OR FIRE BRIGADE

TRANSPORT AND HANDLING
NOT A DANGEROUS GOOD
ACCORDING TO THE AUSTRALIAN
DANGEROUS GOODS (ADG) CODE
FOR TRANSPORT BY ROAD AND RAIL.

DIRECTIONS FOR USE

Restrictions: 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.

SITUATION AND CROP	WEEDS CONTROLLED	RATE/ha	CRITICAL COMMENTS
Wheat (up to early flag leaf (Z37) only)	Refer Weed Table	500mL- 2.1L	Use lower rate (500 mL/ha) when crop is 3-5 leaf stage (Z13-Z15). Apply higher rates from 5 leaf stage through to commencement of flag leaf (Z15- Z37). Kulin: use only from Z15- Z37 (WA only).
Oats, Barley, Triticale and Cereal Rye (up to early flag leaf (Z37) only)		500mL- 1.6L	Use lower rate (500 mL/ha) when crop is 3-5 leaf stage (Z13-Z15). Apply higher rates from 5 leaf stage through to commencement of flag leaf (Z15- Z37). Barley: use only from 5 leaf stage (Z15-Z37).
Grass Pastures and Grass Seed Crops		500mL- 2.1L	Apply to established grass based pastures. Damage may occur to Legumes if present. See "Legume Tolerance" below. Note: Capeweed, Paterson's Curse and Variegated Thistle may be poisonous to stock after spraying.

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

WITHHOLDING PERIODS:

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

FOR CROP HARVEST: NOT REQUIRED WHEN USED AS DIRECTED.

WEED TABLE**Specific Weed Control Recommendations.**

When 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 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 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.

Weed	Rate L/ha	Critical Comments
Bathurst Burr	1.6L	Moderately susceptible. Spray young seedlings.
Capeweed	1.7L	Apply up to 2-4 leaf stage only when plants are no longer than 5 cm in diameter.
Charlock	500mL-1.6L	Young rosettes are very susceptible
Dandelion	1.6L	Apply in early rosette stage
Fat Hen	1-1.6L	Tolerance increases with age. Use lower rate only on seedlings.
Fumitory	1.1L	Moderately susceptible. Spray up to first true leaf (Not Tas.)
Hedge Mustard	560mL-1L	Apply at rosette stage.
Lincoln Weed	700mL	Apply up to rosette stage only
London Rocket	1.1L	Spray at young stage
Noogoora Burr	1.6L	Tolerance increases with age. Spray young seedlings only
Paterson's Curse	1.7L	Apply at 2-4 leaf stage only.
Saffron Thistle	1.1-1.9L	Spray young rosettes before leaves become spiny
Scotch (Cotton) Thistle	700 mL-1.7L	Spray young rosettes
Skeleton Weed	1.1-1.6L	Moderately susceptible. Spray rosettes before aerial growth commences
Slender Thistle	2.1L	Moderately susceptible. Spray young rosettes
Spear Thistle	1.5- 2.1L	Moderately susceptible. Spray young rosettes
Stinkwort	1.6 L	Spray very young before plants 15 cm high
Turnip Weed	700 mL-1.1L	Apply up to rosette stage. Apply lower rates to seedlings.
Variegated Thistle	840 mL-1.1L	Spray at pre-cabbage stage
Volunteer Rapeseed/ Canola	1.5 L	Apply to seedlings only
Volunteer Safflower	1L	Apply to seedlings only
Volunteer Sunflower	1.5L	Apply to seedlings only
Wild radish	1.1-1.6L	Apply up to 2-3 leaf stage only
Wild Sage	1.1L	Spray young seedlings
Wild Turnip	500mL-1.5L	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.

APPLICATION 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 30-120L/ha water

Aerial Spraying: Use 10-90L/ha 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 and Equipment Cleaner followed by several clean water rinses.

COMPATIBILITY/TANK MIXES

This product can be mixed with metsulfuron-methyl, dicamba, bromoxynil, flowable diuron, flowable terbutryn, chlorsulfuron, glyphosate, Grasp*, diclofop-methyl, Nugrain*, triasulfuron, clopyralid, Propon*, Puma*.

When tank mixing add the required amount of compatible product when the tank is nearly full and while continuously agitating. If left overnight, agitate thoroughly before spraying. When mixing with diclofop-methyl, add an approved surfactant and do not exceed 700mL of TITAN MCPA 500 LVE Selective Herbicide per hectare.

For consistent results, use a minimum of 80L of water per ha by ground and 30L by air, and if Wild Oats are present use 2L diclofop-methyl per hectare.

RESISTANT WEEDS WARNING

TITAN MCPA 500 LVE Selective Herbicide is a **GROUP I HERBICIDE** member of the Phenoxy group of herbicides. TITAN MCPA 500 LVE Selective Herbicide has the disruptors of plant cell growth mode of action. For weed resistance management TITAN MCPA 500 LVE Selective Herbicide is a group I herbicide. Some naturally occurring weed biotypes resistant to the product and other Group I herbicides may exist through normal genetic variability in any weed population. The resistant weeds can eventually dominate the weed population if these herbicides are used repeatedly. These resistant weeds will not be controlled by this product or other group I herbicides.

Since the occurrence of resistant weeds is difficult to detect prior to use, TITAN AG Pty Ltd accepts no liability for any losses that may result from the failure of this product to control resistant weeds.

PROTECTION OF CROPS, NATIVE & OTHER NON-TARGET PLANTS

DO NOT apply under weather conditions, or from spraying equipment that may cause spray 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 & ENVIRONMENT

Dangerous to fish, and other water-borne organisms. DO NOT contaminate streams, rivers or waterways with chemical or used containers.

STORAGE AND DISPOSAL

20L container: Store in the closed original container in a dry, cool, well-ventilated area away from children, animals, food, feedstuffs, seed and fertilisers. DO NOT store for prolonged periods in direct sunlight. Triple or preferably pressure 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 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.

110L, 120L, 220L: Store in the original sealed drum 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 drum with water or any water or any other foreign matter. After each use of the product, please ensure the Micro Matic coupler, delivery system and hoses are disconnected, triple rinsed with clean water and drained accordingly. When the contents of the drum have been used, please return the empty drum to the point of purchase. The drums remain the property of TITAN AG Pty Ltd.

1000L: Store in the closed original container in a cool, well-ventilated area. DO NOT store for prolonged periods in direct sunlight. Storage must be secure so that contents cannot be tampered with. All locks and/or seals must be in order. If locks or seals are broken prior to initial use then the integrity of this product cannot be assured. If this occurs TITAN AG Pty Ltd should be notified immediately. This minibulk/bulk container is reusable and remains the property of TITAN AG Pty Ltd. DO NOT rinse empty container. Empty contents fully into application equipment. Close all valves and return to the point of supply for refill or storage. No other liquid, solid or pesticide product should be put into it. When empty return to TITAN AG Pty Ltd for cleaning, relabelling and refilling.

SAFETY DIRECTIONS

Will damage the eyes. May irritate the skin. Avoid contact with eyes and skin. When opening the container and using the prepared spray, wear cotton overalls buttoned to the neck and wrist, a washable hat, elbow-length PVC gloves and goggles. If product in eyes, wash it out immediately with water. Wash hands after use. After each day's use, wash gloves, and goggles and contaminated clothing.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre Phone Australia 13 11 26. If swallowed, DO NOT induce vomiting. Give a glass of water.

MATERIAL SAFETY DATA SHEET

Additional information is listed in the material safety data sheet (MSDS). A material safety data sheet for TITAN MCPA 500 LVE Selective Herbicide is available from TITAN AG Pty Ltd on request. Call Customer Service on (02) 9986 2943 or visit www.titanag.com.au

CONDITIONS OF SALE

TITAN AG Pty Ltd shall not be liable for any loss injury damage or death whether consequential or otherwise whatsoever or howsoever arising whether 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 condition that the purchaser does not rely on TITAN AG's skill or judgment in purchasing or using the same and every person dealing with this product does so at his own risk absolutely. No representative of TITAN AG Pty Ltd has any authority to add to or alter these conditions.

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