

CAUTIONKEEP OUT OF REACH OF CHILDREN
READ SAFETY DIRECTIONS BEFORE OPENING OR USING**MCPA/PICLORAM CEREAL**
HerbicideACTIVE CONSTITUENTS:
420 g/L MCPA present as potassium salt
26 g/L PICLORAM present as potassium salt**GROUP I HERBICIDE**

For the control of Climbing Buckwheat, Common Thistle, Skeleton Weed, Cape weed, Doublegee and other Broadleaf Weeds in Winter Cereals and Linseed crops as specified in the Direction for Use table.

IMPORTANT: READ THIS LEAFLET BEFORE USE.**4 FARMERS AUSTRALIA PTY LTD**

A.B.N. 51 160 092 428

1 / 70 McDowell Street, Welshpool, WA 6106

Tel: (08) 9356 3445 Fax: (08) 9356 3447

Batch Number:

Date of Manufacture:

APVMA Approval No: 68052/57385

DIRECTIONS FOR USE**RESTRAINTS:**

DO NOT apply to crops or weeds which are not actively growing or to plants which may be stressed (not actively growing) due to prolonged periods of extreme cold, moisture stress (water-logged or drought affected) or previous herbicide treatment, as crop damage or reduced levels of control may result.

DO NOT use in high winds

DO NOT spray if rain is likely to occur within four hours

DO NOT apply close to, or on areas, containing roots of desirable vegetation, where treated soil may be washed into areas growing, or to be planted to, desirable plants, or on sites where surface water from heavy rain can be expected to run off to areas containing, or to be planted to, susceptible crops or plants.

DO NOT move soil which may have been sprayed to areas where desirable plants are to be grown.

Table 1: NEW SOUTH WALES and QUEENSLAND only

CROP	CROP GROWTH STAGE	WEEDS CONTROLLED	WEED GROWTH STAGE	RATE /ha	CRITICAL COMMENTS
Barley, Canary Grass, Oats, Triticale, Wheat	Apply from early tillering (When the main shoot has 4-5 leaves and 2 or more new tillers have formed) to start of jointing (first node (Z30)).	Climbing Buckwheat (black bindweed)	Up to 6 leaf	1 L	For best control of Climbing Buckwheat apply at early tillering as this weed becomes increasingly difficult to control as it becomes larger. To avoid possible crop damage, DO NOT spray outside the early tillering to early jointing stage.
		Common Sowthistle Doublegee (spiny emex) Mustard Saffron Thistle Skeleton Weed Turnip Weed Variegated Thistle Wild Radish Wild Turnip	Young rosette or seedling plants up to 8 true leaves		
		NZ Spinach ¹ Wireweed ¹	Up to 4 leaf		
Barley, Triticale, Wheat		Common Sowthistle NZ Spinach Wireweed	Apply up to 4 leaf stage	800mL + 5g Ally	Add a 100% concentrate non-ionic surfactant at the rate of 100mL/100L water.
Linseed Linola	Apply when crop is 8-20cm high.	Climbing Buckwheat (black bindweed) Doublegee (spiny emex) Mustard Saffron Thistle Skeleton Weed Variegated Thistle Wild Radish Wild Turnip	Young rosette or seedling plants up to 4 true leaves.	670 to 840 mL	Use the higher rate when climbing buckwheat is present or weed growth is advanced.
		NZ Spinach ¹ Wireweed ¹	Up to 2 leaf		

Table 2: WESTERN AUSTRALIA only

CROP	CROP GROWTH STAGE	WEEDS CONTROLLED	WEED GROWTH STAGE	RATE /ha	CRITICAL COMMENTS
Barley, Canary Grass, Oats, Triticale, Wheat	Apply from 3 leaf to early tillering (When the main shoot has 4-5 leaves and 2 or more new tillers have formed) to start of jointing (First node (Z30)).	Capeweed Doublegee Saffron Thistle Turnip Weed Wild Mustard Wild Turnip	Young rosette or seedling plants up to 4 true leaves.	600mL	To avoid possible crop damage DO NOT spray outside the early tillering to early jointing stage. Caution: DO NOT use this product where the plant to be treated will be sown to lupins or peas the following year or where a volunteer medic or subclover pasture is required in the following season. Only use when a cereal crop will follow the cereal crop to be treated.
		Capeweed Doublegee Saffron Thistle Turnip Weed Wild Mustard Wild Turnip	Young rosette or seedling plants up to 6 true leaves.	750mL	
		Wireweed ¹	Up to 4 leaf	¹ Suppression only – Spray early.	
	Apply from early to mid- tillering	Docks Sorrel	Active Growth	1L	

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

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

HARVEST: NOT REQUIRED WHEN USED AS DIRECTED.

MINIMUM RECROPPING PERIODS

Picloram, one of the active constituents in this product, remains active in the soil for extended periods depending on rate of application, soil type, rainfall, temperature, humidity, soil moisture and soil organic matter.

DO NOT plant susceptible broadleaf crops within 12 months of applying the product. Cereal crops and grasses can be sown safely after using 4Farmers MCPA/Picloram Cereal Herbicide for in crop weed control.

GENERAL INSTRUCTIONS

MIXING

- 4Farmers MCPA/Picloram Cereal Herbicide can be mixed with water only.
- Mix only sufficient chemical for each day's use and avoid storing mix.
- Half fill the spray tank with water and add the required quantity of 4Farmers MCPA/Picloram Cereal Herbicide and complete filling. Agitate continuously to ensure thorough mixing before and during application.
- Tank mixtures:** Wettable powder or dry flowable formulations (e.g. water dispersible granules) should be added to the spray tank first, followed by suspension concentrates (flowables), water soluble salts and then emulsifiable concentrate formulations (e.g. Starane 200). Add spraying oils and surfactants (wettors) last, if required.

COMPATIBILITY

4Farmers MCPA/Picloram Cereal Herbicide is compatible with the following:

(Read and follow all label directions, restraints, plant-back periods, withholding periods and safety directions on the partner label as well as those on the 4Farmers MCPA/Picloram Cereal Herbicide label.)

Broadleaf Herbicides

- Eclipse Herbicide
- Clopyralid 300 Herbicide
- MCPA Amine
- MCPA LVE
- Superstar 200 Herbicide
- Metsulfuron Methyl 2,4D Amine

Grass Herbicides

- Diclofop Methyl 375
- Clodinafop 240 EC (Wild oats and phalaris only)

Adjuvants

- 4Farmers Penetrator (When mixed with Metsulfuron Methyl)
- Uptake Spraying Oil (When mixed with Topik 240 EC)

Insecticides

- Omethoate 290
- Dimethoate 300g/l EC

4Farmers MCPA/Picloram Cereal Herbicide is not compatible with zinc products (such as Zinc dextrase and Zinc heptahydrate), copper salts (such as sulphate) and manganese sulphate. Do not use with hard water or water clarified with alum.

APPLICATION METHODS

A. Ground Application (Boom)

- Apply 4Farmers MCPA/Picloram Cereal Herbicide with an accurately calibrated boom sprayer, in at least 50L/ha water.
- Flat fan nozzles are recommended using pressures in the range 200 to 300 kPa.
- Set the boom at a height to ensure a double overlap of the nozzle pattern.

B. Aerial Application

- Apply in a minimum volume of 35L/ha water.
- Use equipment calibrated to produce droplets with an average diameter (Volume Mean Diameter) of 200-250 microns.
- DO NOT apply when the temperature is above 30°C, when there is no wind or when the wind is blowing towards susceptible crops.

CLEANING SPRAY EQUIPMENT

- Rinse water should be discharged onto a designated disposal area or, if this is unavailable, onto wasteland away from desirable plants and water courses.
- Rinsing: After using 4Farmers MCPA/Picloram Cereal Herbicide Herbicide, empty the tank completely and drain the whole system. Thoroughly wash inside the spray unit using a pressure hose. Drain, and clean any filters in the tank, pump, lines, hoses and nozzles.
- After cleaning the tank as above, quarter fill with clean water and circulate through the pump, lines, hoses and nozzles. Drain and repeat the rinsing procedure twice.
- Decontamination (before spraying cotton and other sensitive crops; see PROTECTION OF CROPS): Wash the tank and rinse the system as above. Then quarter fill the tank and add an alkali detergent (eg liquid SURF, OMO or DRIVE) at 500mL/100L of water or the powder equivalent at 500g/100L and circulate throughout the system for at least 15 minutes.
- Drain the whole system. Remove filters and nozzles and clean them separately. Finally flush the system with clean water and allow to drain.

RESISTANT WEEDS WARNING

GROUP 1 HERBICIDE

4Farmers MCPA/Picloram Cereal Herbicide Herbicide contains members of the pyridine and phenoxy groups of herbicides. The product has the disruptors of plant cell growth mode of action. For weed resistance management, the product is a Group I Herbicide.

Some naturally-occurring weed biotypes resistant to the product and other disruptors of plant cell growth 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 this product or other disruptors of plant cell growth herbicides.

Since the occurrence of resistant weeds is difficult to detect prior to use, 4Farmers Australia Pty Ltd accepts no liability for any losses that may result from the failure of this product to control resistant weeds.

Strategies to minimise the risk of herbicide resistance are available. Contact your farm chemical supplier, consultant, local Department of Agriculture, or local 4Farmers Australia Pty Ltd Sales Representative.

PROTECTION OF CROPS, NATIVES AND OTHER NON-TARGET PLANTS

- Do not apply under weather conditions, or from spraying equipment, that may cause spray drift onto nearby susceptible crops and plants, cropping lands or pastures.
- Crops and plants susceptible to 4Farmers MCPA/Picloram Cereal Herbicide include, but are not limited to clovers, medics, lupins, peas and other legumes, cotton, flowers, hops, grape and kiwi fruit vines, ornamentals, potatoes, safflower, shade trees, sugar beet, tobacco, tomatoes, tree fruits and vegetables.
- DO NOT use on land to be cultivated for growing susceptible crops within 12 months of applying 4Farmers MCPA/Picloram Cereal Herbicide. Susceptible crops and plants can be damaged by soil residues during both growing and dormant periods. In the season following application of this product the regeneration of establishment of sensitive legumes (clover, medics, peas, lupins) may be adversely affected by soil residues. Cereal crops and grasses can be sown safely after using 4Farmers MCPA/Picloram Cereal Herbicide.
- This product will kill legumes (clovers, medics) present in the crop at the time of spraying.

- DO NOT apply close to or on areas containing roots of desirable vegetation, where treated soil may be washed to areas growing, or to be planted to desirable plants, or on sites where surface water from heavy rain can be expected to run off to areas containing or to be planted to susceptible crops or plants.
- DO NOT move soil, which may have been sprayed, to areas where susceptible crops or plants are to be grown.
- Cereal crops may be reduced in height following use of this product. This height reduction is a normal response and does not represent any yield loss.
- Do not apply 4Farmers MCPA/Picloram Cereal Herbicide to crops or pastures, which are to be used for the production of compost or mulches for use with susceptible crops or plants. The use of straw, hay or other plant material treated with 4Farmers MCPA/Picloram Cereal Herbicide for composting or mulching susceptible crops may damage these crops.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

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

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.
- 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.

For 110L refillable containers empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage.

Envirodrum-Micro Matic Valve (110L)

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 of the security seal. DO NOT contaminate the Envirodrum with water or any other 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.

SMALL SPILL MANAGEMENT

Wear protective equipment (see SAFETY DIRECTIONS). Apply absorbent material such as earth, sand, clay granules or cat litter to the spill. Sweep up material for disposal when absorption is completed and contain in a refuse vessel for disposal (see STORAGE AND DISPOSAL section). If necessary wash the spill area with an alkali detergent and water and absorb as above the wash liquid for disposal as described above.

SAFETY DIRECTIONS

Harmful if swallowed. Attacks eyes. Will irritate the skin. Avoid contact with eyes and skin. If product in eyes, wash it out immediately with water. DO NOT inhale spray mist. When preparing the 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. 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

If poisoning occurs, contact a doctor or Poisons Information Centre (Ph 13 11 26).

SAFETY DATA SHEET

For further information please refer to the Safety Data Sheet. For a copy visit our website at www.4farmers.com.au

CONDITIONS OF SALE

This product complies with the specifications in its statutory registration. Implied terms and warranties are excluded. 4Farmers Australia Pty Ltd's liability for breach of the express or any non-excludable implied warranty is limited to product replacement or purchase price refund. The purchaser must determine suitability for intended purpose and take all proper precautions in the handling, storage and use of the product including those on the label and/or safety data sheet failing which 4Farmers Australia Pty Ltd shall have no liability.

In a Transport Emergency Dial 000 Police or Fire Brigade	Special Poisons Advice: 13 11 26
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