

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



4Farmers MCPA/Picloram Cereal Herbicide

ACTIVE CONSTITUENTS: 420g/L MCPA present as potassium salt
26g/L PICLORAM present as potassium salt

GROUP I HERBICIDE

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

IMPORTANT: READ THIS LABEL AND THE ATTACHED LEAFLET THOROUGHLY BEFORE USE.

Contents: 20L-1000L

4 FARMERS PTY. LTD.
A.C.N 067 443 465
70 McDOWELL STREET WELSHPOOL
WESTERN AUSTRALIA 6106
Ph (08) 9356 3445

APVMA Approval No: 68052/57385
BATCH NO:
D.O.M:

STORAGE AND DISPOSAL

- Store in the close, 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, in compliance with relevant Local, State or Territory government regulations. DO NOT burn empty containers and product.

Refillable containers (1000L)

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)

MATERIAL SAFETY DATA SHEET

Additional information is listed in the Material Safety Data Sheet is available from 4Farmers Pty Ltd on request.

CONDITIONS OF SALE

4Farmers and/or its affiliates ("4Farmers") 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 4Farmer'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 4Farmers Pty Ltd has any authority to add to or alter these conditions.

IN A TRANSPORT EMERGENCY ONLY
DIAL 000
FOR POLICE OR FIRE BRIGADE

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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 | 1L | 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 | | |
| | | N.Z spinach ¹ Wireweed ¹ | Up to 4 leaf | | |
| Barley, Triticale, Wheat | | Common Sowthistle NZ spinach Wireweed | Apply up to 4 leaf stage | 800 mL + 5g 4Farmers Metsulfuron-Methyl 600 WG Selective Herbicide | Add a 100% concentrate non-ionic surfactant at the rate of 100mL/100L water |
| Linseed Linola | Apply when crop is 8-20 cm 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 | | |
| | Apply from early to mid-tillering | Docks Sorrel | Active Growth | 1L | ¹ Suppression only – Spray early |

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 Commander 242 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.)

Broadleaf Herbicides

| | | |
|--------------------|----------------------------|-------------|
| Eclipse* Herbicide | ChemAg Rally 300 Herbicide | MCPA amine |
| MCPA LVE | Superstar 200 Herbicide | Metsulfuron |
| Methyl2,4D Amine | | |

Grass Herbicides

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

Adjuvants

4Farmers Penetrator (when mixed with Metsulfuron-Methyl)
Wetter 1000 (When mixed with Metsulfuron Methyl)
Uptake* Spraying Oil (When mixed with Metsulfuron-Methyl 240 EC)

Insecticides

Omen 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 35 L/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 Commander 242 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 | I | HERBICIDE |
|-------|----------|-----------|

4Farmers MCPA/Picloram Cereal 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, ChemAg 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 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 Commander 242 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 or 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

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- DO NOT store near food, feedstuffs, fertilisers or seed.
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