



**GLOBAL AGRICHEM**

**WARNING**  
**HARMFUL · ECOTOXIC**  
**KEEP OUT OF REACH OF CHILDREN**



# **MCPB STAR<sup>®</sup>**

## **HERBICIDE**

Selective herbicide for controlling broadleaf weeds in young and established pastures, cereals, peas and in white clover and grass seed crops.

ACTIVE INGREDIENT: Contains 25g/litre MCPA and 375g/litre MCPB, both as the sodium salts in the form of a soluble concentrate.

**NET CONTENTS: 1 LITRES**



**HSNO CLASS:** 6.1D, 6.4A, 6.8B, 6.9B, 9.1A, 9.2A, 9.3B.

### TOXICITY:

**HARMFUL:** May be harmful if swallowed, inhaled or absorbed through the skin.

**HARMFUL:** May cause organ damage from repeated oral exposure at high doses.

**HARMFUL:** May cause reproductive/development damage from repeated oral exposure.

**HARMFUL:** May cause eye irritation.

### ECOTOXICITY:

**VERY TOXIC:** Very toxic to aquatic organisms with long lasting effects. Avoid contamination of any water supply with product or empty container.

**VERY TOXIC:** Very toxic to the soil environment.

**TOXIC:** Toxic to terrestrial vertebrates.

**BEWARE - NON-SELECTIVE HERBICIDE:** MCPB STAR MUST NOT BE APPLIED INTO OR ONTO.

**WATER:** Spray drift hazard. Apply this product carefully. Spray drift may cause serious damage to other desirable plants. Do not allow drift to occur outside the target area.

### APPROVED HANDLER:

This product must be under the control of an approved handler when it is applied in a wide dispersive manner or used by a commercial contractor.

This product must not be used in any manner contrary to this label unless authorised under appropriate legislation.

### PRECAUTIONS:

#### KEEP OUT OF REACH OF CHILDREN.

Avoid contamination of any water supply with product or empty container.

Wash splashes of concentrate from eyes or skin immediately.

When handling or applying, wear full protective clothing gloves and goggles.

Remove protective clothing and wash hands and face thoroughly before meals and after work.

Wash protective clothing after use.

Do not eat, drink or smoke while using.

### STORAGE:

Store in the original container tightly closed in a dry, cool well ventilated area away from foodstuffs, fertilisers and seeds. Avoid storage at temperatures below 5°C and above 35°C.

Storage must be in accordance with the current version of NZS 849 Management of Agrichemicals.

### DISPOSAL:

Triple rinse empty container and add rinseate to the spray tank.

Recycle empty container. Otherwise crush and bury empty container in suitable landfill. Do NOT use the container for any other purpose.

Avoid contamination of any water supply with chemical or empty container.

### SPILLAGE:

Wear appropriate protective clothing and prevent material from entering waterways. Contain the spill by damming, recover spill product by absorbing with sawdust or an inert absorbent material then transfer the recovered spill material to a properly labelled container. Dispose of waste safely in a suitable landfill.

**FIRST AID:** If swallowed do NOT induce vomiting. If splashed in eyes, wash out immediately with running water for several minutes. If skin or hair contact occurs, remove contaminated clothing and wash with soap and running water. If inhaled, immediately move to fresh air and rest. Maintain half upright position if breathing is difficult. For advice, contact the National Poisons Centre 0800 POISON (0800 764766) or a doctor immediately.

**TRANSPORT:** Do not carry this product on a passenger service vehicle.

**RECORD KEEPING:** Records, as described in the current NZS849 Management of Agrichemicals, must be kept when: a member of the public may lawfully be present, the substance is likely to enter air or water and leave the place or if 3 litres or more of the chemical is spilled.

**GENERAL INFORMATION:** MCPB STAR is a selective herbicide for the control of many broadleaf weeds in pastures, grass seed crops, white clover seed crops, peas and cereals. MCPB STAR controls most species of thistles, buttercups and many common pasture weeds. This product depends on its conversion within the plant to an active form which occurs most readily in actively growing plants.

**BEWARE: APPLY THIS PRODUCT CAREFULLY AS SPRAY DRIFT MAY CAUSE SERIOUS DAMAGE TO OTHER DESIRABLE PLANTS.**

**TIME OF APPLICATION:** Treat weeds when they are as young as possible, but ensure that they are actively growing. Weeds rapidly become less susceptible as they age. Cold or frosty conditions following treatment may halt growth and reduce efficacy. Do not apply MCPB STAR to weeds under stress (frost, drought) or when rain is expected within 12 hours.

### RESISTANCE MANAGEMENT:

MCPB STAR belongs to the phenoxy carbonyl acids chemical group. Some naturally occurring weeds may become resistant when excessive use of the same herbicide occurs. To prevent or delay the development of resistance, use in tank mixes and/or rotate use with herbicides with a different mode of action. Consult [www.resistance.nzps.org](http://www.resistance.nzps.org) for alternative modes of action and details of resistance management strategies (if any) for the crops listed on the label.

**ANIMAL SAFETY:** Poisonous plants (including but not limited to ragwort, black nightshade and buttercups) may become more palatable after spraying. If concerned that stock may be affected, stock should be kept away from the area until plants have died down.

**WITHHOLDING PERIOD:** Except for animal safety reasons, no withholding period is required when using MCPB STAR as directed.

This is an offence for users of this product to cause residues exceeding the relevant MRL in the New Zealand (Maximum Residue Limits of Agricultural Compounds) Food Standards.

**MIXING:** Add two thirds of the required quantity of water to the spray tank. With the agitation system going, add the product to the spray tank. Agitate for 2-3 minutes while adding the remaining water.

**TANK CLEANING:** Flush spray equipment thoroughly with clean water after use. If equipment used to apply MCPB STAR is to be used to apply other chemicals to sensitive crops, it must be thoroughly decontaminated using procedures recommended for phenoxy herbicides.

**RAINFALL:** Do not spray if rainfall is expected within 12 hours of spraying.

**APPLICATION METHODS:** MCPB STAR must be applied via ground based methods only.

**Boom spraying:** Use a minimum of 100-200 litres of water per hectare as a medium quality spray. For difficult to control perennial weeds, use the higher rate to obtain more complete coverage.

**Aerial spraying:** Do not apply MCPB STAR by air. The use of ULV applicators is not recommended.

**Spray spraying:** Use a dilution rate of 1:100 (10mL/litre) and ensure complete spray coverage.

### DIRECTIONS FOR USE:

Rates of application:

CROP	RATE PER HECTARE	CRITICAL COMMENTS
Pasture: Newly sown pasture	3-4 litres in 100-300 litres of water	Apply after clover has developed two trifoliate leaves and weeds are in the young seedling stage.
Pasture: Established pasture	3-4 litres in 100-300 litres of water	Use the higher rate once weeds are past the 2-3 leaf stage or growing strongly.
Gross seed crops: Ryegrass, Cockfoot, Timothy, Dogstail etc.	3-4 litres in 100-300 litres of water	Spray well before seed head emergence when the majority of weeds are in the seedling stage.
White clover seed crops	3-4 litres in 100-300 litres of water	Apply in spring to actively growing seedling weeds. Do not apply after the clover has commenced flowering.
Peas	3-4 litres in 100-300 litres of water	Apply between the 5 and 7 node growth stage of the crop. Some temporary initial husting of the peas may result. Do not mix MCPB STAR with other herbicides for use in peas. Heavy rain may remove the protective wax layer on the foliage. If this occurs, delay treatment until a crystal violet test confirms the crop is safe to treat.
Cereals	3-4 litres in 100-300 litres of water	Apply when the crop is between the 2 leaf stage and 1st node stage. Use the higher rate if the weeds have developed more than 2-3 leaves and are in the young plant stage. Do not use in crops underown with clover or lucerne.

**WEEDS CONTROLLED:** Recommendations relate to the rates recommended in the crop table unless otherwise indicated.

WEEDS CONTROLLED	CRITICAL COMMENTS
Annual buttercups, fathen, Scotch thistle.	Treat any growth stage before flowering.
Black nightshade, redroot, giant buttercup.	Good control in seedling stage (2-3 leaves). Useful suppression of older stages.
Thistles- Nodding, winged and variegated.	Controlled as seedlings with 4 litres/ha. Useful suppression of older stages.
California thistle.	Treat at the flower bud stage with 4 litres /ha.
Hedge mustard, willow weed, wireweed, combind, wild turnip, nettle, seedling docks.	Controlled at the seedling stage (2-3 leaves) only with 4 litres /ha. Useful suppression at later growth stages.
Rushes, matricule dock, speedweeds, chickweed, spurry, cleavers, stinking mayweed, chamomiles, daisy, dandelion, ragwort.	These weeds will NOT be controlled.

**CONDITIONS OF SALE:** The use of MCPB STAR being beyond the control of the suppliers, no Warranty expressed or implied is given by Global Agrichem Ltd regarding its suitability, fitness or efficiency for any purpose for which it is used by the buyer, whether in accordance with the directions or not, and Global Agrichem Ltd accept no responsibility whatsoever resulting from the use of this product.

Registered pursuant to the ACVM Act 1997, F9196. See [www.foodsafety.govt.nz](http://www.foodsafety.govt.nz) for registration conditions.

Approved under the HSNO Act 1996, HSR101026. See [www.epa.govt.nz](http://www.epa.govt.nz) for controls.

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Batch No:                      Date of Manufacture:

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