



HAZARD CLASSIFICATION

Acute oral toxicity Category 4,
Eye irritation Category 2,
Reproductive toxicity Category 2,
Specific target organ toxicity (repeated exposure) Category 2,
Hazardous to the aquatic environment acute Category 1,
Hazardous to the aquatic environment chronic Category 1,
Hazardous to soil organisms,
Hazardous to terrestrial vertebrates.

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

WARNING

TOXICITY: Harmful if swallowed. Causes serious eye irritation. Suspected of damaging fertility or the unborn child. May cause damage to organs through prolonged or repeated exposure.
ECOTOXICITY: Very toxic to aquatic life with long-lasting effects. Very toxic to the soil environment. Harmful to terrestrial vertebrates. This product must not be applied into or onto water. Avoid contamination of any water supply with product or empty container.

PRECAUTIONS

Obtain special instructions before use. Do not handle until all safety instructions have been read and understood.

QUALIFICATION REQUIREMENTS: Persons mixing, loading, applying or otherwise handling this product must meet qualification requirements set out in the EPA Hazardous Substances (Hazardous Property Controls) Notice 2017.

Selective Herbicide – very toxic to some plant species.

Beware: Spray drift hazard. Apply this product carefully.

Spray drift may cause serious damage to other desirable plants. Take all reasonable steps to ensure that the substance does not cause any significant adverse effects to the environment beyond the application area. To minimise the risk of damage from spray drift, especially where susceptible vegetation is within 500 metres, use low-drift nozzles which minimise the production of small droplets (< 100 microns). The preferred wind conditions for spraying are a light, constant breeze that is away from sensitive crops.

PERSONAL PROTECTION: Use personal protective equipment as required. Avoid contact with skin and eyes, ingestion and inhalation of vapors or spray mist. When mixing or applying this product wear overalls, boots, gloves, eye and respiratory protection. Do not eat, drink or smoke while using. Remove protective clothing and wash hands and face thoroughly before meals and after work. Wash all protective clothing after work.

STORAGE: Store in original container, tightly closed, in a locked, dry, cool and well-ventilated area avoiding direct sunlight and away from foodstuffs, fertilisers or seeds. Storage must be in accordance with the current version of NZ Standard for the Management of Agrichemicals (NZS 8409). Stores containing 100 litres or more of **AGPRO MCPB Extra** require secondary containment, signage and an emergency plan.

Batch No.:

Date of Manufacture:

SHELF LIFE: When stored appropriately this product will show no significant degradation for two years from the date of manufacture. Contact your supplier for information about the use of product that is older than this.

EQUIPMENT: Apply only with appropriate, well-maintained and calibrated equipment in accordance with NZS 8409.

RECORDS OF APPLICATION: If 3kg or more of the substance is applied within 24 hours, in a place where the substance is likely to enter the air or water and leave the application area, written records must be kept for three years.

DISPOSAL

PRODUCT DISPOSAL: Dispose of this product only by using according to the label directions or if this is not possible contact your supplier for advice.

CONTAINER DISPOSAL: Triple rinse container and add rinsate to the spray tank. Recycle clean containers at an Agrecovery depot, or puncture and dispose of at an approved landfill. Do not burn. Do not use container for any other purpose.

FIRST AID

For advice call the National Poisons Centre 0800 POISON (0800 764 766) (24 hours) or a doctor. If medical advice is needed have product container or label to hand.

IF EXPOSED OR CONCERNED: Get medical advice/attention.

IF SWALLOWED: Do NOT induce vomiting. Rinse mouth. Call the Poisons Centre or a doctor if you feel unwell.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If irritation persists, get medical advice/attention.

IF ON SKIN OR HAIR: Remove contaminated clothing and flush with water. If skin irritation occurs, get medical advice/attention. Wash contaminated clothing before reuse.

IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Call the Poisons Centre or a doctor if you feel unwell. Apply artificial respiration if not breathing.

APPLICATION RATES

CROP	RATE	COMMENTS
Newly Sown Pasture (grass/white clover):	3-4L/ha	Use after clover has developed two trifoliate leaves and weeds are in the young seedling stage.
Established Pasture (grass/white clover):	3-4L/ha	Use the higher rate once weeds are past the 2-3 leaf stage or growing strongly.
Grass Seed Crops: Ryegrass, cocksfoot, timothy, dogstail, etc	3-4L/ha	Spray well before seed head emergence when the majority of the weeds are in the seedling stage.
White Clover Seed Crops	3-4L/ha	Apply in the spring to actively growing seedling weeds. Do not apply after the clover has commenced flowering.
Peas	3-4L/ha	Use between the 5 and 7 node growth stage of the crop. Some initial twisting of the peas may result, but this will be temporary. Do not mix AGPRO MCPB Extra 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	3-4L/ha	Use between crop growth stages 2 leaf and 1st node detectable. 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 undersown with clovers or lucerne.

CLEANING AND DECONTAMINATION: After using spray equipment, flush all equipment and lines with clean water. If the same equipment which applied **AGPRO MCPB Extra** is to be used for any application onto or around sensitive crops, ensure that all spray equipment is washed well and decontaminated.

CONDITIONS OF SALE: As the use of this product is beyond the control of AGPRO (N.Z.) Ltd, no warranty expressed or implied, beyond that covered under the Fair Trading Act is given by AGPRO (N.Z.) Ltd regarding its suitability, fitness, or efficacy for any purpose for which it is used by the user, whether in accordance with the directions or not. AGPRO (N.Z.) Ltd accepts no responsibility for any consequence whatsoever resulting from the use of this product.

AGPRO is a registered trademark of AGPRO (N.Z.) Limited.



EMERGENCY RESPONSE: In a transport emergency call 111, Police or Fire Brigade.
For specialist advice in a chemical emergency call 0800 CHEMCALL (0800 243 622).

SPILLAGE: Exclude non-essential people from the area. Wear protective clothing and prevent chemical from entering waterways. Absorb liquid spills with inert material such as attapulgite, soil, etc., and place in a sealable and labelled waste container. Wash area with water and absorb with further inert material. Dispose of safely at an approved landfill.

SAFETY DATA SHEET: Additional information is provided in the safety data sheet. Phone 09 273 3456 or visit www.agpro.co.nz for a copy.

It is an offence for users of this product to cause residues exceeding the relevant MRL in the Food Notice: Maximum Residue Levels for Agricultural Compounds.

GENERAL INFORMATION

AGPRO MCPB Extra is a selective herbicide for the control of many broadleaf weeds in pasture (grass/white clover), grass, white clover seed crops, peas and cereals. **AGPRO MCPB Extra** controls most species of thistles, buttercups and many common weeds. This product depends on its conversion within the plant into an active form and this occurs most readily in actively growing plants.

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

WITHHOLDING PERIOD: Except for animal safety reasons no withholding period is required when used as directed.

RESISTANCE MANAGEMENT

GROUP 4 HERBICIDE

AGPRO MCPB Extra contains MCPB and MCPA which are phenoxy-carboxylic acids and have an action like indole acetic acid (auxin mimics). Naturally occurring resistant biotypes are known to exist and can become more prevalent after many years of continuous or excessive use of this product. To prevent or delay resistance use **AGPRO MCPB Extra** in tank mixes as appropriate, and/or in rotation with herbicides that have a different mode of action. Refer to www.resistance.nzpps.org for further resistance management advice.

DIRECTIONS FOR USE

MIXING: Stir or mix well. Add the full quantity of **AGPRO MCPB Extra** to the partly filled spray tank whilst agitating. Fill tank and agitate to ensure thorough mixing and continue agitation while spraying. Agitate from the bottom if allowed to stand.

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

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

APPLICATION METHODS

AGPRO MCPB Extra should be applied using conventional ground equipment.

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: Aerial spraying or the use of ULV applicators is not recommended.

Spot Spraying: Use a dilution of 1:100 (10ml/L) and ensure complete spray coverage.

WEEDS TABLE: Recommendations relate to the rates recommended in the Crops table unless otherwise indicated.

Weeds Controlled	Comments
Annual buttercups, fathen, Scotch thistle.	Controlled at all growth stages before flowering.
Giant buttercup, black nightshade, redroot.	Good control in seedling stage (2-3 leaves). Useful suppression at later growth stages.
Nodding, winged and variegated thistle.	Good control in seedling stage (2-3 leaves) with 4L/ha. Useful suppression at later growth stages.
Californian thistle.	Treat at the flower bud stage with 4L/ha.
Hedge mustard, willow weed, wireweed, combind, wild turnip, nettle, seedling docks.	Controlled at the seedling stage (2-3 leaves) only with 4L/ha. Useful suppression at later growth stages.

Weeds NOT controlled: Rushes, mature docks, speedwell, chickweed, spurrey, cleavers, stinking mayweed, chamomiles, daisy, dandelion and ragwort.

Proper Shipping Name	Class	UN No.	Packing Group	Marine Pollutant
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., (MCPB 37.5% and MCPA 2.5%)	9	3082	III	Yes