

## CAUTION

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

# Nufarm MCPB-400

Selective Herbicide

Active constituent: 400 g/L MCPB  
present as the sodium salt

GROUP II HERBICIDE

For the control of certain weeds in Cereals, Pea Crops, Clover and Medic Seed Crops, Pastures, Peanuts and in Industrial and Commercial Areas as stated in the Directions for Use table.

**ALWAYS READ THE LABEL AND USE ONLY AS DIRECTED**

Nufarm Limited  
ACN 004 377 780  
103-105 Pipe Road  
Laverton North Victoria 3026  
Tel: (03) 9282 1000  
Fax: (03) 9282 1001



**GENERAL INSTRUCTIONS****MIXING**

To ensure even mixing, half fill the spray tank with clean water, add the required amount of chemical, and stir thoroughly. Add the remainder of the water and mix again before spraying. Apply with equipment with nozzle tips designed to apply 110-330 L/ha. A volume of at least 220 L/ha is required in sub-tropical areas. Ensure correct calibration so that the correct rate of application is maintained. Set height of boom to give even coverage over weeds. DO NOT use hard water.

**EQUIPMENT MAINTENANCE AND USAGE**

After use thoroughly clean equipment and rinse out several times prior to re-use.

**CROP SAFETY**

DO NOT exceed recommended rates to avoid crop damage.

PEAS: Do not use if crops are under drought/water/disease stress. Will possibly compound existing problems. MCPB usually causes twisting and a reduction in plant growth, 2-3 weeks after spraying. Peas recover and grow normally if not subjected to stress when sprayed, or during the post-application recovery period.

**RESISTANT WEEDS WARNING**

Nufarm MCPB-400 Selective Herbicide ('MCPB-400') is a member of the Phenoxys group of herbicides. MCPB-400 has the disruptors of plant cell growth mode of action. For weed resistance management MCPB-400 is a Group I herbicide.

Some naturally-occurring weed biotypes resistant to MCPB-400 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 MCPB-400 or other disruptors of plant cell growth herbicides.

Since the occurrence of resistant weeds is difficult to detect prior to use, Nufarm Limited accepts no liability for any losses that may result from the failure of MCPB-400 to control resistant weeds.

**PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS**

DO NOT allow spray drift over or onto susceptible crops such as cotton, tobacco, flowers, vegetables, fruit trees, bananas, pineapples, tomatoes, vines, kurrajongs, lupins, ornamentals or other susceptible crops.

DO NOT apply under weather conditions or from spraying equipment that may cause spray to drift onto nearby susceptible plants/crops, cropping lands or pastures.

**PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT**

DO NOT contaminate dams, rivers or streams with the product 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. Protect from frost. 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 500 mm 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.

**Refillable containers**

Empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage.

**SAFETY DIRECTIONS**

Harmful if swallowed. Will irritate the eyes and skin. Avoid contact with eyes and skin. When preparing spray and using the prepared spray wear cotton overalls buttoned to the neck and wrist, a washable hat, elbow length PVC gloves and face shield or goggles. If product in eyes, wash it out immediately with water.

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, face-shield or goggles and contaminated clothing.

**FIRST AID**

If poisoning occurs, contact a doctor or Poisons Information Centre (13 11 26). If swallowed, and if more than 15 minutes from a hospital induce vomiting, preferably using Ipecac Syrup (APF).

**MATERIAL SAFETY DATA SHEET**

For further information refer to the Material Safety Data Sheet (MSDS).

**CONDITIONS OF SALE**

"Nufarm Limited ('Nufarm') 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 Nufarm'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 Nufarm has any authority to add to or alter these conditions."

**In case of emergency: Phone 1800 033 498**

Ask for shift supervisor. Toll free 24 hours.

NRA Approval No: 31774/0300

**DIRECTIONS FOR USE****RESTRAINTS**

DO NOT spray if weeds are stressed by cold or dry weather.

DO NOT apply during drought or frosty weather.

DO NOT spray if rain is likely within 12 hours.

DO NOT irrigate within 2 days of spraying.

DO NOT slash or mow pastures within 14 days before or after spraying.

Situation & Crop	Weed Controlled	State	Rate/ha	Critical Comments
<b>Cereals</b>	Refer weed table for species of weeds controlled	All States	4.2 L	Apply after the 3 leaf stage to commencement of tillering.
<b>Cereals Undersown</b>			4.2 L	Cereals: Apply as above. Clover: Apply after first trifoliate leaf.
<b>Peas:</b> Canners 75, Canners 72, Emperor, Green Feast, Dark Seeded Perfection, Dunn Field Peas, Early Crop 99, Melb. Market, Victory Freezer, Small Sieve Freezer,  Massey, Meteor, Shasta, Gem		Tas only	4.0 L	Apply when crop is 100 mm-150 mm tall.
		NSW, Qld, SA, Vic, WA, NT, ACT	4.2 L	Apply in 3-4 node stage when growth is strong. DO NOT apply to Gregory's Surprise. Contact Nufarm regarding the tolerance of other varieties to MCPB. Apply when crop is 10-15cm high (6-8 node stage). DO NOT apply if flowering has begun. Use maximum amount of water per hectare. MCPB may delay maturity up to 2 weeks. DO NOT use if crop is under any sort of stress. See advice under GENERAL INSTRUCTIONS (PEAS).
		All States	2.8 L	
<b>Peanuts:</b> Peanuts, Virginia Bunch & Red Spanish		All States	2.8 L	Apply from one week after seedlings emerge but before flowering.
			1.4 L	Apply during or following flowering.
<b>Pastures, seedling:</b> Clover Red, White Alsike, Red Subterranean, Strawberry Clover.		NSW, Qld, Vic, WA, Tas, NT, ACT only	4.2 L	Apply after emergence of first trifoliate leaf. DO NOT apply to Berseem Clover. Contact Nufarm regarding the tolerance of clover cultivars.
		SA only		2-12 th trifoliate leaf. DO NOT apply to Berseem Clover. Contact Nufarm regarding the tolerance of clover cultivars.
<b>Pastures:</b> Legume/Grass		All States	4.2 L	Clover: Apply after emergence of first trifoliate leaf. Contact Nufarm regarding the tolerance of clover cultivars. Grass: Apply after seedlings have 3 or more leaves. DO NOT use on Lucerne.
<b>Pastures:</b> Grass only		Vic, Qld, WA, Tas, NT only	2.8-5.6 L	Apply after pasture grass seedling have 3 or more leaves.
		SA only	2.8-5 L	
		NSW, ACT only	2.8-4.2 L	
<b>Seed Crops:</b> Clover		NSW, Qld, WA, Tas, Vic, NT, ACT only	2.8 L	DO NOT spray Red or Strawberry Clover in the year it is to be harvested. Spray well before flower heads appear. Contact Nufarm regarding the tolerance of clover cultivars.
<b>Seed Crops:</b> Clover/Medic		SA only	3-5 L	Spray from 2-12 th trifoliate leaf. Contact Nufarm regarding the tolerance of clover/medic cultivars. Apply in autumn and early winter.
<b>Industrial and Commercial Areas, Rights of Way, Fallow Land</b>		All States	1.4-5.6 L	Apply to weeds as early as possible. Resistance increases with age.

**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 FOR STOCK FOOD FOR 7 DAYS AFTER APPLICATION**

#### NOTE

The rate tolerated by the crop/pasture limits the range of weeds and efficacy of the product (see the Directions for Use table, above).

#### WEEDS TABLE

The following table lists the weeds controlled by this product. In general, spray weeds when actively growing and at as early a stage as possible.

Weeds Controlled	Rate/ha	Critical Comments	
<b>Amaranth</b>	4.2 L	Growth Stage: Apply to young actively growing weeds. NSW only: Use the higher rate for spot spraying only.	
<b>Bathurst Burr</b>	4.2-5.6 L		
<b>Bellvine (White Flowers)</b>	1.4 L		
<b>Black Nightshade</b>	4 L	Seedlings only controlled.	
<b>Caltrop (Tribulls Terrestris)</b>	2.8 L	Apply to young actively growing weeds.	
<b>Carrot weed</b>	4.2-5.6 L	Seedlings only: moderately susceptible NSW only: use the higher rate for spot spraying only.	
<b>Cats Ear</b>	4 L	Seedling only controlled.	
<b>Charlock</b>	4 L	Apply to young actively growing weeds.	
<b>Common Cotula</b>	4.2-5.6 L		
<b>Common Morning Glory</b>	1.4 L		
<b>Common Pigweed</b>	4.2-5.6 L		
<b>Convolvulus</b>	1.4 L		
<b>Dock</b>	4.2 L		Older docks may require 2-3 resprays.
<b>Fat Hen</b>	2.8 L	Apply to young actively growing weeds. NSW only: Use the higher rate for spot spraying only.	
<b>Fumitory (red and white)</b>	4.2-5.6 L		
<b>Hoary Cress</b>	4.2 L	Seedlings only.	
<b>Indian Hedge Mustard</b>	2.8 L	Apply to young actively growing weeds. NSW only: Use the higher rate for spot spraying only.	
<b>Lesser Swinecress</b>	4 L	Seedling only controlled.	
<b>Nettles, Dwarf/Annual Stinging</b>	4.2 L	Apply to young actively growing weeds.	
<b>Noogoora Burr</b>	4.2 L		
<b>Opium Poppy</b>	4 L	Seedling only controlled.	
<b>Paterson's Curse (Salvation Jane)</b>	4.2 L	Apply to young actively growing weeds.	
<b>Plantains (Ribgrass, Lamb's tongue, Ribwort)</b>	4.2 L		
<b>Prickly Lettuce</b>	4.2 L		
<b>Prince of Wales Feather</b>	4.2 L		
<b>Redshank</b>	4.2-5.6 L		
<b>Shepherd's Purse</b>	4.2 L		
<b>Sorrell</b>	4.2 L		Seedlings only.
<b>Sow (Milk) Thistle</b>	4.2 L		

<b>Spiny Emex (Doublegee)</b>	4.2-5.6 L	Apply to young actively growing weeds.
<b>Thistles: Black/Spear</b>	4.2 L	
<b>California</b>	4.2-5.6 L	Spray when 10-15 cm or early bud stage at higher rate for control of top growth and some root growth.
<b>Saffron</b>	4.2-5.6 L	Apply to young actively growing weeds.
<b>Slender</b>	4 L	Seedlings only controlled.
<b>Variegated</b>	4 L	Seedlings only controlled.
<b>Turnip Weed (Rapistrum Rugosum)</b>	2.8 L	Apply to young, actively growing weeds.
<b>Umbrella Sedge</b>	4.2 L	Pasture should not be slashed or burnt 14 days before or after spraying.
<b>Wild or Hedge Mustard</b>	2.8 L	Apply to young actively growing weeds. NSW only: Use the higher rate for spot spraying only.
<b>Wild Turnip</b>	2.8 L	Apply to young, actively growing weeds.
<b>Wireweed (Hogweed)</b>	4.2 L	