

High Load Mircam

A soluble concentrate containing 600 g/l mecoprop-P (present at 706 g/l as the potassium salt) and 80 g/l dicamba (present at 93.8 g/l as the potassium salt).

A selective herbicide for the control of broadleaved weeds in wheat, barley and oats.

PRODUCT BENEFITS

- Controls a broad spectrum of weeds including Cleavers and Chickweed.
- Weed control spectrum especially suited to spring sown cereals.
- Concentrated formulation reduces packaging waste.
- Good mecoprop-P loading for mecoprop-P sensitive weeds.

Lerap category: Unclassified

Pack size: 5 litres

Storage: PROTECT FROM FROST



Grow a better tomorrow.

IMPORTANT INFORMATION

FOR USE ONLY AS AN AGRICULTURAL HERBICIDE.

Crop	Maximum individual dose	Maximum total dose	Latest time of application
Winter and spring wheat, barley and oats	1.25 l/ha	1.25 l/ha per crop	Before first node detectable

Other specific restrictions:

- Applications to cereals must not be made between 1 October and 1 March.
- The total amount of mecoprop-P applied to any individual crop, or in a single year in the case of a perennial crop, must not exceed the maximum total dose of mecoprop-P approved for application to that crop by any single mecoprop-P containing product.
- Non-returnable containers must not be re-used for any purpose.

READ THE LABEL BEFORE USE. USING THIS PRODUCT IN A MANNER THAT IS INCONSISTENT WITH THE LABEL MAY BE AN OFFENCE. FOLLOW THE CODE OF PRACTICE FOR USING PLANT PROTECTION PRODUCTS.

MAPP 11930

The (COSHH) Control of Substances Hazardous to Health Regulations may apply to the use of this product at work.

DIRECTIONS FOR USE

IMPORTANT: This information is approved as part of the Product Label. All instructions within this section must be read carefully in order to obtain safe and successful use of this product.

RESTRICTIONS

DO NOT roll or harrow crop within a period of at least seven days before or after spraying HIGH LOAD MIRCAM.

DO NOT cut, graze, roll or harrow for seven days before or after spraying.

DO NOT apply HIGH LOAD MIRCAM to crops suffering from herbicide damage or stress caused by pests, nutrition defects or weather.

DO NOT spray if rain is expected within six hours.

DO NOT spray when cold or frosty conditions are prevalent.

Overlapping spray swathes should be avoided. Avoid drift onto all broadleaved plants outside the target area.

DO NOT spray where drift may cause damage to susceptible crops, particularly tomatoes, lettuce, cabbage, turnips, swedes, beet and peas.

Should crops be sprayed beyond the recommended times damage can occur which may result in reduction in yield.

After liming ensure lime is washed off the crop and weeds before spraying.

If poisonous weeds such as Ragwort are present, do not allow livestock into the field for at least 21 days or until the foliage has died down and become unpalatable.

DO NOT spray cereals which have been, or are to be, undersown with clovers or other legumes as these may be killed or severely checked.

WEEDS CONTROLLED

It is best to spray in warm, moist weather when the weeds are actively growing.

Cereals

Susceptible

Weeds		Growth stage controlled
Bindweed, black	Groundsel	Controlled from cotyledon to two true leaves up to six true leaves or 50 mm across and 50 mm high
Chamomile, stinking	Knotgrass	
Charlock	Mayweed, scentless	
Chickweed, common	Nettle, small	
Cleavers*	Pennycress, field	
Cranesbill, dove's foot,	Radish, wild	
Fat hen	Redshank	
Fumitory, common	Shepherd's purse	

* Only controlled up to first whorl stage.

Moderately susceptible

Weeds		Growth stage controlled
Buttercup, corn	Sowthistle, prickly	Controlled at cotyledon to two true leaves and checked at six true leaves or 50 mm across x 50 mm high
Campion, white	Speedwell, common field	
Pineapple weed		

Moderately resistant

Weeds		Growth stage controlled
Hemp-nettle, common**	Poppy, common**	Checked at cotyledon to two true leaves stage
Mayweed, stinking	Sowthistle, smooth	

** Improved control can be achieved by adding 2.8 litres of Agritox 50 (MAFF 14814) or other approved salt formulations of MCPA.

Perennial weeds

Weeds	Growth stage controlled
Buttercup, creeping	Apply at the early flowering stage provided this is still within the recommended timing for cereals. Shoots will be killed but further treatments may be required in other years to get complete kill
Dock, curled	
Dock, broadleaved	
Thistle, creeping	

Resistant weeds

Deadnettle, red	Marigold, corn	Pansy, wild
-----------------	----------------	-------------

CROP SPECIFIC INFORMATION

Crop	Maximum individual dose	Maximum total dose	Timing
Winter wheat, barley and oats	1.25 l/ha)	1.25 l/ha	Apply from five expanded leaf stage (GS 15) to before first node is detectable (GS 31)
Spring wheat, barley and oats	1.0–1.25 l/ha		Apply from five expanded leaf stage (GS 15) but before first node is detectable (GS 31) Use the lower dose when weeds are at the cotyledon to two expanded true leaf stage

Water volumes:

Hydraulic Sprayer: 100–400 l/ha.

Knapsack Sprayer: 300–1000 l/ha.

NOTE: It is important to note that under some growing conditions the crop may be seen to be prostrated after spraying but recovery is rapid and the crop will grow away normally. HIGH LOAD MIRCAM acts slowly and two–three weeks may elapse before the full effect on weeds is observed.

MIXING AND SPRAYING

This product is for use by professionally qualified spray operatives only. This is a legal requirement. There is also legislation regarding storage, protective clothing and disposal of empty containers. If not professionally qualified always use a qualified contractor to apply this product.

Hydraulic sprayer

Half fill the spray tank with clean water and start the agitation. Pour in the required amount of HIGH LOAD MIRCAM. Add the remainder of the water and continue agitation until spraying is completed. USE IMMEDIATELY following dilution. DO NOT allow diluted product to stand before use. Apply as a medium quality spray (as defined by BCPC). A spray pressure of two–three bar is recommended.

Knapsack Application

This method is recommended for spot treatment of weeds. Apply as a medium spray to just before run-off occurs.

Size of knapsack	HIGH LOAD MIRCAM*	Amount of water	Area treated
5 litres	15 mls	5 litres	125 m ²
10 litres	31 mls	10 litres	250 m ²
20 litres	62 mls	20 litres	500 m ²

*Based on 400 litres of water per hectare.

Tank cleaning

WASH EQUIPMENT thoroughly immediately after use. Fill the tank with clean water and leave overnight. Spray out before storage or using other products. Traces of the product may cause damage to susceptible crops sprayed later.

COMPATIBILITY

HIGH LOAD MIRCAM can be tank-mixed with other pesticides, please consult your Nufarm distributor or Nufarm UK Limited.

RESISTANCE MANAGEMENT

When herbicides with the same mode of action are used repeatedly over several years in the same field, selection of resistant biotypes can take place. These can propagate and may become dominating. A weed species is considered to be resistant to a herbicide if it survives a correctly applied treatment at the recommended dose. A strategy for preventing and managing such resistance should be adopted. This should include integrating herbicides with a programme of cultural control measures. Guidelines have been produced by the Weed Resistance Action Group and copies are available from the HGCA, CPA, your distributor, crop adviser or product manufacturer.

HIGH LOAD MIRCAM

A soluble concentrate containing 600 g/l mecoprop-P and 80 g/l dicamba.

**DANGER**

Harmful if swallowed.

Causes skin irritation.

Causes serious eye damage.

Toxic to aquatic life with long lasting effects.

Wear protective gloves /eye protection/
face protection.

Avoid release to the environment.

IF ON SKIN: wash with plenty of soap and water.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Immediately call a POISON CENTRE or doctor/physician.

Dispose of contents/container to an approved waste disposal plant.

To avoid risks to human health and the environment, comply with the instructions for use.

SAFETY PRECAUTIONS**Operator protection**

Engineering control of operator exposure must be used where reasonably practicable in addition to the following personal protective equipment.

WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS), SUITABLE PROTECTIVE GLOVES AND FACE PROTECTION (FACESHIELD) when handling the concentrate.

WEAR SUITABLE PROTECTIVE GLOVES when handling contaminated surfaces.

WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS) AND SUITABLE PROTECTIVE GLOVES when applying by hand held equipment.

However, engineering controls may replace personal protective equipment if a COSHH assessment shows that they provide an equal or higher standard of protection.

WHEN USING DO NOT EAT, DRINK OR SMOKE.

WASH CONCENTRATE from skin or eyes immediately.

WASH HANDS AND EXPOSED SKIN before eating and drinking and after work.

IF YOU FEEL UNWELL, seek medical advice (show the label where possible).

Environmental protection

HARMFUL TO FISH OR OTHER AQUATIC LIFE. Do not contaminate surface waters or ditches with chemical or used container.

Extreme care must be taken to avoid spray drift onto plants outside of the target area.

Do not contaminate water with the product or its container. Do not clean equipment near surface water. Avoid contamination via drains from farmyards and roads.

Storage and disposal

KEEP OUT OF REACH OF CHILDREN.

KEEP IN ORIGINAL CONTAINER, tightly closed, in a safe place.

WASH OUT CONTAINER THOROUGHLY empty washings into spray tank and dispose of safely.

KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDSTUFFS.

DO NOT RE-USE CONTAINER FOR ANY PURPOSE.