

Mircam Plus

A soluble concentrate containing 43.4 g/l (4% w/w) mecoprop-P, 245 g/l MCPA (23% w/w) and 19.5 g/l (1.8% w/w) dicamba as the potassium salt.

A selective weedkiller for the control of many annual weeds in cereals and grass seed crops.

PRODUCT BENEFITS

- Broad spectrum of weed control.
- Very good for control of Poppies which have become resistant to ALS herbicides in some areas.
- Spectrum of activity well suited to spring cereals.
- Useful control of perennial weeds in cereals.

Lerap category: Unclassified

Pack size: 10 litres

Storage: PROTECT FROM FROST



Grow a better tomorrow.

IMPORTANT INFORMATION

FOR USE ONLY AS AN AGRICULTURAL/HORTICULTURAL HERBICIDE.

Crop	Maximum individual dose	Maximum total dose	Latest time of application
Winter and spring wheat, barley and oats	5.0 l/ha	5.0 l/ha	Before first node detectable
Grass (seed crop)			N/A

Other specific restrictions:

- Applications to cereals must not be made between 1 October and 1 March.
- The total amount of mecoprop-P applied to an 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.
- Treated grass seed crops must not be grazed or cut for fodder.
- Do not apply by hand-held equipment.

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 15868

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

The crop should not be rolled or harrowed within a period of at least seven days before or after spraying with MIRCAM PLUS.

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

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

Care should be taken to avoid overlap of spray swaths.

MIRCAM PLUS is not recommended for use in Rye.

DO NOT apply during drought or if rain is expected within six hours of treatment.

DO NOT spray when cold or frosty conditions are prevalent.

DO NOT use first four mowings for mulching unless composted for six months.

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.

Avoid drift onto all broadleaved plants outside the target area. To avoid spray drift do not spray in windy or very still conditions. Spray drift must be avoided especially near susceptible crops such as tomatoes, lettuce, oilseed rape, vegetables, turnips, swedes, sugar beet, peas, glasshouse crops, fruit and ornamentals, etc.

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

WEEDS CONTROLLED

Weeds are most susceptible to MIRCAM PLUS when growing vigorously under warm, moist conditions. Results from spraying under cold or frosty conditions will not be as satisfactory.

Cereals and Grass (seed crop)

Susceptible

Weeds		Growth stage controlled
Bindweed, black	Orache, common	Controlled from cotyledon to two true leaves up to six true leaves or 50 mm across x 50 mm high
Charlock	Mayweed, scentless	
Chickweed, common	Persicaria, pale	
Fat hen	Pennycress, field	
Forget-me-not	Poppy, common	
Fumitory, common	Radish, wild	
Groundsel	Redshank	
Knotgrass	Shepherd's purse	
Cleavers		Controlled up to first whorl stage

Moderately susceptible

Weeds		Growth stage controlled
Buttercup, corn	Pimpernel, scarlet	Controlled at cotyledon to two true leaves and checked at six true leaves or 50 mm across x 50 mm high
Hempnettle, common	Sow-thistle, prickly	
Mayweed, scented	Speedwell, common-field	
Pineapple weed		

Moderately resistant

Weeds		Growth stage controlled
Mayweed, stinking		Checked at cotyledon to two true leaves stage
Buttercup, creeping	Thistle, Creeping	Severely checked if sprayed when appreciable foliage is present
Docks, curled and broadleaved		

Resistant

Weeds		Growth stage controlled
Dead-nettle, red	Marigold, corn	Pansy, wild

CROP SPECIFIC INFORMATION

Winter and spring wheat, barley and oats

Dose

5.0 l/ha.

Timing

For all cereals apply from five leaf stage (GS 15) until before first node detectable stage (GS 31).

All varieties of wheat, barley and oats may be treated.

Apply in 170–400 litres of water per hectare.

For cereals if sharp or severe frost occurs within three–four weeks of application to wheat or barley damage may occur to the crop that will cause scorch or stunting, which may or may not lead to a reduction in yield.

Grass (seed crop)

Dose

5.0 l/ha.

Timing

Grass seed crops should be sprayed from four–six weeks before flower heads begin to emerge. Timothy should be sprayed six weeks before flower head emergence.

Apply in 170–400 litres of water per hectare.

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.

Half fill the spray tank with clean water and start the agitation. Pour in the required amount of MIRCAM PLUS. 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.

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

When tank mixes are to be used, each product should be added separately to the spray tank, taking due note of any instructions given as to the order of mixing.

MIRCAM PLUS 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.

MIRCAM PLUS

A soluble concentrate containing 43.3 g/l mecoprop-P, 245 g/l MCPA and 19.5 g/l Dicamba as the potassium salt.

**DANGER**

Causes serious eye damage.

Toxic to aquatic life with long lasting effects.

Wear protective gloves/protective clothing/eye protection/face protection.

Avoid release to the environment.

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 GLOVES AND FACE PROTECTION (FACESHIELD) when handling the concentrate.

WEAR SUITABLE PROTECTIVE GLOVES when handling contaminated surfaces.

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 meals and after work.

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

Do not apply by hand-held equipment.

Environmental protection

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

Storage and disposal

KEEP OUT OF REACH OF CHILDREN.

KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDSTUFFS.

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

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

DO NOT RE-USE CONTAINER FOR ANY PURPOSE.