



MIRCAM PLUS

MAPP 15868
PCS No. 05017

A soluble concentrate containing 43.3 g/L mecoprop-p (present at 50.98 g/L as the potassium salt), 245 g/L MCPA (present at 291.53 g/L as the potassium salt) and 19.5 g/L dicamba (present at 22.86 g/L as the potassium salt)

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

Net Contents: 1-20 Litres

Batch: XXXX

PROTECT FROM FROST

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

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This label is compliant with the CPA Voluntary Initiative Guidance –
UK only



**IMPORTANT INFORMATION
FOR USE ONLY AS AN AGRICULTURAL/HORTICULTURAL HERBICIDE**

Crops	Maximum Individual Dose (L product/ha)	Maximum Total Dose (L product/ha)	Latest Timing
Winter and Spring Wheat, Barley, Oats	5.0	5.0 per crop	Before 1 st node detectable
Amenity Grassland	5.0	5.0 per year	-
Grass (seed crop)	5.0	5.0 per year	-
Managed Amenity Turf	5.0	5.0 per year	-

Other specific restrictions

- Applications to cereals must not be made between 1st October and 1st 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 approval 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.

Safety Information



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 CENTER or doctor/ physician

Dispose of contents/ container to a licensed hazardous-waste disposal contractor or collection site except for empty clean containers which can be disposed of as non hazardous waste.

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

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SAFETY PRECAUTIONS

Operator protection – UK only

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 FEEDING STUFFS.

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

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 7 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 6 hours of treatment.
- Do not spray when cold or frosty conditions are prevalent.
- Do not mow fine turf for 24 hours before or after treatment or for 3 days if treating less closely mown turf.
- If renovating turf, do not re-seed for 6-8 weeks after treatment.
- Turf sown in spring or early summer may be ready for spraying after about 2 months, but turf sown later in the year should have delayed application for about 8 months after sowing.
- Do not use first 4 mowings for mulching unless composted for 6 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 broad-leaved 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) and Amenity Grassland

Weed Species	Susceptibility	Weed Growth stage
Bindweed, Black Charlock Chickweed, Common Fat-hen Forget-me-not Fumitory, Common Groundsel Knotgrass Orache, Common Mayweed, Scentless Persicaria, Pale Pennycress, Field Poppy, Common Radish, Wild Redshank Shepherds Purse	Susceptible	Controlled from cotyledon to 2 true leaves up to 6 true leaves or 50mm across x 50mm high
Cleavers		Controlled up to 1 st whorl stage
Buttercup, Corn Hempnettle, Common Mayweed, Scented Pineapple Weed Pimpernel, Scarlet Sow-thistle, Prickly Speedwell, Common-field	Moderately susceptible	Controlled at cotyledon to 2 true leaves and checked at 6 true leaves or 50mm across x 50mm high
Mayweed, Stinking	Moderately Resistant	Checked at cotyledon to 2 true leaves stage.
Buttercup, Creeping Docks, Curled & Broad-leaved Thistle, Creeping		Severely checked if sprayed when appreciable foliage is present
Dead-nettle, Red Marigold, Corn Pansy, Wild	Resistant	

Managed amenity turf

Weed Species	Susceptibility	Weed Growth stage
Clover	Moderately Susceptible	Controlled up to 25mm across/high
Dandelion	Moderately Susceptible	Controlled upto 50mm across/high
Plantains	Moderately Susceptible	Controlled upto 50mm across/high

CROP SPECIFIC INFORMATION

Winter and spring wheat, barley and oats

Application rate: 5.0 L product/ha

For all cereals apply from 5 leaf stage (GS15) until before 1st node detectable stage (GS 31).

All varieties of wheat, barley and oats may be treated

Apply in 170-400 L water/ha.

For cereals if sharp or severe frost occurs within 3-4 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.

Amenity Grassland and Grass (seed crop)

Application rate: 5.0 L product/ha

It is safe to use on grasses from the 3 leaf stage onwards. It is damaging to clover and other legumes, and swards containing them should not be sprayed.

Grass seed crops should be sprayed from 4-6 weeks before flower heads begin to emerge. Timothy should be sprayed 6 weeks before flower head emergence.

Apply in 170-400 L water/ha.

Managed amenity turf

Application rate: 5.0 L product/ha

Apply from April to September when the grass is actively growing.

Apply in 170-400 L water/ha.

In managed amenity turf an application of fertiliser 1 to 2 weeks before treatment will aid weed control.

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 2-3 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 – UK only, your distributor, crop adviser or product manufacturer.

COMPANY ADVISORY INFORMATION

This section is not part of the Product Label under the Plant Protection Products Regulations 1995. It provides additional advice on product use at the discretion of the applicant.

ACKNOWLEDGMENTS

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TERMS AND CONDITIONS OF SUPPLY, SALE OR USE

All goods supplied by Nufarm UK Ltd. are high grade and we believe them to be suitable for the purpose for which we expressly supply them: but as we cannot exercise any control over their mixing, use or application which may affect the performance of the goods all conditions and warranties statutory or otherwise as to the quality or fitness for any purpose of our goods are excluded and no responsibility will be accepted by us or our Associate Companies for any damage or injury whatsoever arising from their storage, handling, re-application or use. These conditions cannot be varied by our staff, our agents or the re-sellers of the product whether or not they supervise or assist in the use of such goods.