

Mircam Plus

A soluble concentrate containing 43.3 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, grass seed crops, direct sown grass in apple and pear orchards, grassland and managed amenity turf.

PRODUCT BENEFITS

- Controls a broad spectrum of weeds including Chickweed and small Cleavers.
- Many difficult perennial weeds of grassland such as Thistle and Dock are severely checked.
- Particularly useful on Chickweed in areas of grassland poached by stock.
- Can be used on grassland from three leaves onwards.
- Weed control spectrum especially suited to spring sown cereals.
- Orchard recommendation.

LERAP category: Unclassified

Pack size: 10 litres

Storage: PROTECT FROM FROST



IMPORTANT INFORMATION

FOR USE ONLY AS AN AGRICULTURAL/HORTICULTURAL HERBICIDE.

Crop	Maximum individual dose	Maximum number of treatments	Latest time of application
Winter and spring wheat, barley and oats	5.0 l/ha	One per crop	Before first node detectable
Established grassland Rotational grassland		One per year	n/a
Rotational grass (seed crop)			
Apple, pear (undersown with rotational grass)			
Managed amenity turf	6.0 l/ha		

Other specific restriction:

- 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.

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 11525

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.

DO NOT spray if rain is expected within six hours.

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 mow fine turf for 24 hours before or after treatment or for three days if treating less closely mown turf.

If renovating turf, do not re-seed for six to eight weeks after treatment.

Turf sown in spring or early summer may be ready for spraying after about two months but turf sown later in the year should have delayed application for about eight months after sowing.

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

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.

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 grassland

Susceptible

Bindweed, black	Fumitory, common	Persicaria, pale
Charlock	Groundsel	Poppy, common
Chickweed, common	Knotgrass	Radish, wild (Runch)
Cleavers*	Mayweed, scentless	Redshank
Fat hen	Orache, common	Shepherd's purse
Forget-me-not	Pennycress, field	

* Controlled up to first whorl stage.

Moderately susceptible

Controlled at cotyledon to two true leaves and checked at six true leaves or 50 mm across and 50 mm high.

Buttercup, corn	Pimpernel, scarlet	Sowthistle, prickly
Hemp-nettle, common	Pineappleweed	Speedwell, common field
Mayweed, scented		

Moderately resistant

Checked at cotyledon to two true leaves stage.

Mayweed, stinking

Severely checked if sprayed when appreciable foliage is present

Buttercup, creeping	Dock, curled	Thistle, creeping
Dock, broad-leaved		

Resistant

Deadnettle, red	Marigold, corn	Pansy, wild
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Managed amenity turf

Susceptible

Buttercup, creeping	Knotgrass	Plantains
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CROP SPECIFIC INFORMATION

Winter and spring wheat, barley and oats

Dose

5.0 l/ha.

For all cereals apply before first node detectable stages (GS 31).

- WINTER WHEAT, BARLEY AND OATS, apply from leaf sheath erect stage.
- SPRING WHEAT, BARLEY AND OATS, apply from five leaf stage.

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

Apply in 200–400 litres of water per hectare.

For cereals if sharp or severe frost occurs within three to 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.

Undersown cereals

MIRCAM PLUS may be used on undersown cereals where the undersown crop consists of grass alone but not before the grass begins to tiller.

DO NOT use MIRCAM PLUS on any other undersown crop.

DO NOT use MIRCAM PLUS on cereals undersown with clover and legume mixes.

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.

Grassland

Dose

5.0 l/ha.

Timing

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

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

Apply in 200–400 litres of water per hectare.

Apple and pear orchards

Dose

5.0 l/ha.

Timing

Apply post-blossom. This is usually between late May and July. Apply around trees but it is important to avoid spray drift onto tree foliage.

Apply in 200–400 litres of water per hectare. Use the higher volume where weeds are dense or grass is well grown.

Managed amenity turf

Dose

6.0 l/ha.

Timing

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

Apply in 300–500 litres of water per hectare.

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

MIXING AND SPRAYING

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.

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.

Whilst most pesticides are compatible with MIRCAM PLUS, check the other manufacturers' recommendations before tank mixing.

MIRCAM PLUS

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**HARMFUL****DANGEROUS FOR THE ENVIRONMENT**

HARMFUL IN CONTACT WITH SKIN AND IF SWALLOWED.

IRRITATING TO EYES AND SKIN.

TOXIC TO AQUATIC ORGANISMS, MAY CAUSE LONG-TERM ADVERSE EFFECTS IN THE AQUATIC ENVIRONMENT.

AVOID CONTACT WITH EYES.

IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADVICE.

WEAR SUITABLE PROTECTIVE CLOTHING AND GLOVES.

THIS MATERIAL AND ITS CONTAINER MUST BE DISPOSED OF IN A SAFE WAY.

IF SWALLOWED, SEEK MEDICAL ADVICE IMMEDIATELY AND SHOW THIS CONTAINER OR LABEL.

USE APPROPRIATE CONTAINMENT TO AVOID ENVIRONMENTAL CONTAMINATION.

To avoid risks to man 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 CLOTHING (COVERALLS) when applying by vehicle mounted equipment.

WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS), SUITABLE PROTECTIVE GLOVES, RUBBER BOOTS AND FACE PROTECTION (FACESHIELD) when handling contaminated surfaces or 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 meals and after work.

KEEP OUT OF REACH OF CHILDREN.

KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDSTUFFS.

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

Environmental protection

KEEP LIVESTOCK out of treated areas for at least two weeks following treatment and until poisonous weeds such as Ragwort have died and become unpalatable.

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

Storage and disposal

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.