

MOST MICRO[®]

GROUP 3 HERBICIDE

A Capsule Suspension (CS) formulation containing 365g/l Pendimethalin.

An agricultural herbicide for the control of annual grass and broad-leaved weeds in winter wheat (including durum wheat), winter barley, winter rye, winter triticale, forage maize and grain maize.

SAFETY INFORMATION – 24 HOUR EMERGENCY NUMBER: +44(0)1763 212100

In the event of an emergency, call the **National Poisons Centre, Beaumont Hospital at: 01 809 2566 or 01 837 9964**

WARNING



- **May cause an allergic skin reaction.**
- **Suspected of damaging the unborn child.**
- **Very toxic to aquatic life with long lasting effects.**
- Avoid breathing spray.
- Do not eat, drink or smoke when using this product.
- Contaminated work clothing should not be allowed out of the workplace.
- Wear protective gloves/protective clothing/eye protection/face protection.
- IF ON SKIN: Wash with plenty of soap and water.
- If skin irritation or rash occurs: Get medical advice/attention.
- Wash contaminated clothing before reuse.
- Collect spillage
- Store locked up.
- Dispose of contents/container to a licensed hazardous-waste disposal contactor or collection site except for triple rinsed empty containers which can be disposed of as non-hazardous waste.

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

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

UFI: 15YU-GT82-530U-1VM0

(PCS 05974)

SIPCAM UK CONDITIONS OF SUPPLY: All goods supplied by us are of high grade, but as we cannot exercise control over their mixing or use, all conditions, and warranties, statutory or otherwise, as to the quality or fitness of our goods for any purpose, are excluded and no responsibility will be accepted by us for any damage or injury whatsoever arising from their storage, handling, application or use.

Authorisation Holder & Marketing Company:

SIPCAM UK Ltd, 4C Archway House,
The Lanterns, Melbourn Street,
Royston, Herts SG8 7BX
Tel: +44(0)1763 212100

Distributed by:

Unichem Ltd, The Ward, Dublin.
Tel: 01 8351499



Scan to view the Safety Data Sheet
Alternatively, download the Safety Data Sheet
from sipcamuk.co.uk or contact your supplier.

sipcamuk.co.uk

HERBICIDE

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DIRECTIONS FOR USE

IMPORTANT: This information is authorised 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.

| FOR PROFESSIONAL USE ONLY | | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|------------------------------|--------------------|
| DIRECTIONS FOR USE - FOR USE ONLY AS AN AGRICULTURAL HERBICIDE | | | |
| Crops | Maximum Total Dose | Maximum number of Treatments | Latest timing |
| Winter wheat (including durum wheat), winter barley, winter rye, winter triticale | 2.7 L / ha | 1 | Pre-crop emergence |
| Forage maize and grain maize (open crops and crops under plastic). | 2.5 L / ha | 1 | Pre-crop emergence |
| <p>To protect aquatic organisms, do not apply this product to land parcels where an intersecting watercourse* is present. When applying to land parcels where other types of watercourses are present, respect the unsprayed buffer zones to these watercourses as prescribed in the risk mitigation section</p> <p>* An 'intersecting watercourse' means where a land parcel is sloped towards a watercourse, and any surface water run-off would drain into that watercourse</p> <p>To protect aquatic organisms, respect an unsprayed buffer zone of 25m to surface water bodies when applying to winter cereals, and 20m to surface water bodies when applying to maize crops.</p> <p>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.</p> | | | |

WEEDS CONTROLLED

All weed susceptibility ratings in the below table are for a pre-emergence application.

| Weed | Susceptibility of weed | |
|---------------------|-----------------------------------------------------------------------|---------------------------------------------------------------------|
| | Winter wheat, durum wheat, winter barley, rye & triticale 2.7 L/ha | Forage maize and forage maize grown under plastic mulch 2.5 L/ha |
| Annual Meadow-Grass | S | - |
| Rough Meadow-Grass | MS | - |
| Common Chickweed | S | S |
| Common Orache | MS | - |
| Common Poppy | MS | - |

| | | |
|---------------------------------------|----|---|
| Corn Marigold | S | - |
| Fat-Hen | MS | S |
| Field Forget-Me-Not | MS | - |
| Field Pansy | MS | - |
| Hemp-Nettle (Day Nettle) | S | - |
| Henbit Dead-Nettle | S | - |
| Knotgrass | MS | - |
| Parsley Piert | S | S |
| Red Dead-Nettle | S | S |
| Scarlet Pimpernel | S | - |
| Smooth Sowthistle | MS | - |
| Speedwells | S | - |
| Volunteer Oilseed Rape ⁽¹⁾ | S | - |

S = Susceptible MS = Moderately susceptible (1) = Deep germinating volunteer oilseed rape may not be controlled

CROP SPECIFIC INFORMATION

| Winter wheat (inc. durum wheat), winter barley, winter rye and winter triticale | |
|---------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
| Rate (L/ha) | 2.7 L/ha |
| Water Volume | 200 L/ha |
| Timing | Pre-emergence of the crop. Do not apply to crops drilled after 30 th November. |
| Seed Depth | Seed must be covered with a MINIMUM of 3.2cm of settled soil. |

To protect aquatic organisms, respect an unsprayed buffer zone of 25m to surface water bodies when applying to winter cereals.

| Forage maize and grain maize (open crops and crops under plastic) | |
|-------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Rate (L/ha) | 2.5 L/ha |
| Water Volume | 200 L/ha |
| Timing | Pre-emergence of the crop. |
| Seed Depth | Do not use on Sweetcorn or Maize grown for seed. Seed must be covered by a minimum of 5cm of settled soil. The use of MOST MICRO® may affect the full development of crown roots which function only to anchor the plant. This has no effect on the yield of maize. If application is followed by a period of dry conditions or in situations where very heavy populations occur, a sequence of MOST MICRO® and a product applied post-emergence may be necessary. |

To protect aquatic organisms, respect an unsprayed buffer zone of 20m to surface water bodies when applying to maize crops.

FOLLOWING CROPS

Following crops after normal harvest

Before ryegrass is drilled after a very dry season, plough or cultivate to at least 15cm. If spring crops are to be followed by crops other than cereals plough or cultivate to at least 15cm.

In the event of crop failure

In the event of crop failure, the land must be ploughed or thoroughly cultivated to a minimum depth of 15cm to ensure any residues are evenly dispersed throughout the soil. The minimum intervals (specified below) should elapse between application of MOST MICRO® and the sowing of one of the following crops listed below.

| Application Timing | Minimal Interval | In the event of crop failure, the following crops may be drilled: |
|-------------------------|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Autumn | 5 months | Spring wheat, spring barley, spring field beans, broad beans, Autumn dwarf beans, brussels sprouts, cabbage, calabrese, carrots, cauliflower, parsnips, parsley, peas, potato, linseed, maize, turnip. |
| Spring and early summer | 2 months | Spring field beans, broad beans, dwarf beans, brussels sprouts, cabbage, calabrese, carrots, cauliflower, parsnips, parsley, peas, linseed, turnip |
| | 5 months | Any crop may be planted or sown (with the exception of red beet, sugar beet and spinach) |
| | 12 months | Red beet, sugar beet and spinach |

MIXING AND APPLICATION

Mixing

Never prepare more spray solution than is required.

Half fill the tank with clean water and start the agitation. To ensure thorough mixing of the product, invert the container several times before opening. Add the required quantity of MOST MICRO® to the spray tank while re-circulating. Fill up the tank with water and continue agitation until spraying is completed.

When tank mixes are to be used, take due note of any instructions given as to the order of mixing. Each product should be added separately to the spray tank and fully dispersed before the addition of any further product(s).

On emptying the container, rinse the container thoroughly by using an integrated pressure rinsing device or manually rinsing three times. Add washings to sprayer at time of filling and dispose of container safely.

Application

MOST MICRO® can be used in tractor mounted/ trailed horizontal boom sprayer. Ensure good, even spray cover of the target using a FINE or MEDIUM quality spray, as defined by BCPC.

Boom sprayers

Apply MOST MICRO® in 200 L/ha.

When tank mixing with other products use a minimum water volume of 200 L/ha depending on the tank mix partner.

Sprayer cleaning

After spraying, thoroughly clean and flush out application machinery with a minimum of three rinses, to ensure that all traces of product are removed.

Tank mixtures

When tank-mixing ONLY APPLY within label conditions for each product. For up-to-date details of compatible tank-mixes, contact your supplier or local Sipcam UK Ltd representative.

Sequential mixtures

MOST MICRO® may be used in sequence with any other approved product. Leave a minimum interval of 24 hours unless longer is specified on the label.

RESTRICTIONS OR WARNINGS

Efficacy

Some soil moisture must be present for MOST MICRO® to be activated. Best results will be obtained if rainfall occurs within seven days of application.

Residual control may be reduced:

- Under prolonged dry conditions.
- On soils with a high Kd factor.
- Where organic matter exceeds 6%.
- Where ash content is high.

Do not disturb the soil after MOST MICRO® has been applied as this will result in reduced weed control.

Where cultural practices which encourage the buildup of organic matter in the soil surface are practiced for a number of seasons the effectiveness of residual herbicides may be reduced. In such circumstances, periodic ploughing is recommended to disperse residues into a greater volume of soil.

Soil types

MOST MICRO® may be used on all mineral soil types.

Do not use on soils with more than 10% organic matter.

On stony or gravelly soils, crop damage could occur, particularly, if heavy rain follows treatment.

Do not use on waterlogged soil or soils prone to water logging.

Seedbed preparation

Trash and straw should be incorporated evenly during seedbed preparation. Seedbed must have a fine, firm tilth. Consolidate loose or cloddy seedbeds before use.

Following pre-emergence applications, unconsolidated clods (especially if larger than 7.5cm (3") diameter) may reduce the level of weed control and cause seed to be inadequately covered, which could result in crop damage.

Crop safety

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

Seed should be covered with a minimum of 3.2cm of settled soil.

Do not soil incorporate.

Do not spray undersown crops.

Do not undersow crops treated with MOST MICRO®.

Other Restrictions/Warnings

Before using MOST MICRO® on crops to be processed please consult your processor. Hose down machinery immediately after use with a spray tank cleaner.

Resistance Management

Strains of some annual grasses (e.g. Black-grass, wild-oats, and Italian ryegrass) have developed resistance to herbicides, which may lead to poor control. A strategy for preventing and managing such resistance should be adopted. 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. Populations of black-grass and Italian ryegrass with high levels of enhanced metabolism resistance will not be fully controlled.

Key elements of the resistance management strategy for MOST MICRO®:

Always follow WRAG guidelines for preventing and managing herbicide resistant weeds.

Maximise the use of cultural control measures wherever possible (e.g. crop rotation, ploughing, stale seedbeds, delayed drilling, etc.).

Use tank mixes or sequences of effective herbicides with different modes of action within individual crops, or successive crops.

For the control of herbicide resistant grass-weeds, always use MOST MICRO® in tank mix or sequence with other effective graminicides with different modes of action.

Monitor fields regularly and investigate the reasons for any poor control.

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