

MEDELO - MAPP 21132

Contains 100 g/l (9.1% w/w) mesotrione as a suspension concentrate formulation.

MEDELO is a selective post-emergence herbicide for the control of annual broad-leaved weeds in forage and grain maize.

WARNING



CAUSES SERIOUS EYE IRRITATION
SUSPECTED OF DAMAGING THE UNBORN CHILD
VERY TOXIC TO AQUATIC LIFE WITH LONG-LASTING EFFECTS

Keep out of reach of children.

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

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

If eye irritation persists: Get medical advice/attention. Collect spillage.

Dispose of contents/container to a licensed hazardous waste disposal contractor or collection site except for triple-rinsed 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.

IMPORTANT INFORMATION: FOR PROFESSIONAL USE ONLY AS AN AGRICULTURAL HERBICIDE

| Crops | Maximum individual dose | Maximum number of treatments per crop | Latest timing of application |
|------------------------|-------------------------|---------------------------------------|------------------------------|
| Grain and forage maize | 0.75 L/ha | One per crop | 8 leaves |

READ THE LABEL AND SAFETY PRECAUTIONS BEFORE USING. 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.

APPROVAL HOLDER AND MARKETING COMPANY: Life Scientific Limited, Block 4,

Belfield Office Park, Beech Hill Road, Dublin 4, Ireland. Tel: +353 1 2832024

THE (COSHH) CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS MAY APPLY TO THE USE OF THIS PRODUCT AT WORK.

FOR 24 HOUR EMERGENCY INFORMATION CONTACT NHS 111

PROTECT FROM FROST MADE IN EU SHAKE WELL BEFORE USE

BATCH NO. SEE PACKAGING



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PEEL BACK FOR DIRECTIONS FOR USE LEAFLET

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.

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 SPLASHES from skin immediately.

WASH HANDS AND EXPOSED SKIN before meals and after work.

Environmental Protection

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

Storage and Disposal

RINSE CONTAINER THOROUGHLY by using an integrated pressure rinsing device or by manually rinsing three times. Add washings to the sprayer at the time of filling and dispose of safely.

KEEP IN ORIGINAL CONTAINER tightly closed in a safe place.

EMPTY CONTAINER COMPLETELY and dispose of safely.

DIRECTIONS FOR USE

NOTE: These Directions for Use form part of the Approved Product Label and must be read before using the product.

MEDELO is a foliar applied herbicide for control of a wide range of annual broad-leaved weeds.

For full activity, weeds must be small and actively growing when MEDELO is applied.

RESTRICTIONS

DO NOT use on crops of forage maize or grain maize grown for seed.

DO NOT use on sweetcorn varieties of maize.

Do not apply to any crop suffering from stress. Conditions which can cause stress include drought, water-logging, low temperatures, pest or disease attack, lime or nutrient deficiency, and any other factor limiting crop growth. Application under these conditions or when heavy rain follows application may result in mild to moderate chlorosis of the treated leaves but this is usually transient and does not affect final yields.

DO NOT use when crop or weed foliage is wet.

MEDELO is a very active herbicide. Extreme care must be taken to avoid spray drift onto non-crop plants outside of the target area.

Activity can be restricted in poor growing conditions or when soil conditions are dry.

After application, thorough cleansing of the application equipment is vital to avoid damage to other crops – see below.

Where continuous maize is grown, do not use MEDELO for more than two consecutive seasons.

Take extreme care to avoid drift onto all plants outside the target area.

Resistance

MEDELO is a triketone herbicide with the HRAC/WWSA mode of action group 27 indicating that it is a 4-HPPD inhibitor which causes disruption of the formation of pigments required for photosynthesis. Thus the leaves of sensitive species exhibit chlorosis. Where strains of weeds with reduced sensitivity to MEDELO develop, weed control may be reduced. To reduce the risk of the development of resistance, MEDELO should be used in herbicide programmes which include herbicides with alternative modes of action either as sequences or as tank-mixtures. A crop rotation in the field allows a wider range of herbicide modes of action to be used and this can further reduce the risk of resistance.

CROP SPECIFIC INFORMATION

Dose: Apply one application of MEDELO at 0.75 L/ha for control of broad-leaved weeds.

Timing: Apply MEDELO once the weeds have emerged and the crop has two leaves but before the maize exceeds the 8 leaf stage.

WEED CONTROL

| Weed species | Dose/ha | Recommended GS |
|------------------------|-----------|--------------------------|
| Black-nightshade | 0.75 L/ha | Up to 10 leaves or 15 cm |
| Charlock | 0.75 L/ha | Up to flowering |
| Common amaranth | 0.75 L/ha | Up to 8 leaves or 10 cm |
| Common chickweed | 0.75 L/ha | Up to 10 cm diameter |
| Fat-hen | 0.75 L/ha | Up to 12 leaves or 20 cm |
| Field pansy | 0.75 L/ha | Up to 6 leaves |
| Redshank | 0.75 L/ha | Up to 6 leaves or 10 cm |
| Volunteer oilseed rape | 0.75 L/ha | Up to 6 leaves |

APPLICATION

Apply MEDELO in 200-300 L/ha water as a MEDIUM spray as defined by BCPC using an application pressure of 2 – 3 bar via a conventional field crop sprayer. DO NOT overlap spray swaths. Where weed cover is especially dense use the higher application volume of 300 L/ha to achieve good coverage of all the target weeds but best activity is achieved on small weeds at the lower recommended volume of application.

Even cover of the weeds is essential.

MIXING

An adjuvant system is part of the formulation of MEDELO and so the further addition of adjuvants or tank-mix wetting agents is not recommended.

Before spraying it is important to check all hoses, filters and nozzles, and to ensure that the sprayer is clean and correctly set to give an even application at the correct volume. Half fill the spray tank with clean water.

Begin agitation, shake the container of MEDELO and add the required quantity directly to the tank.

Add the remainder of the water and agitate the mixture thoroughly before and during spraying. When using a tank-mix, ensure that the MEDELO is fully dispersed in the tank before adding the partner product. Spray immediately after mixing and maintain constant agitation. Do not leave spray liquid in the sprayer for long periods of time (e.g. overnight).

CLEANING OF APPLICATION EQUIPMENT

Even small traces of MEDELO may cause damage to crops.

The application equipment must therefore be thoroughly decontaminated after application. Immediately after application, rinse the inside of the tank with clean water using at least one tenth of the spray tank volume.

After flushing through pump and spray lines, drain and repeat procedure.

DO NOT spray onto land intended to be cropped with a sensitive crop.

For disposal of washings in the UK, follow the Code of Practice for Using Plant Protection Products (PB 11090).

FOLLOWING CROPS:

Ploughing is recommended prior to re-seeding. Slight crop effects may be seen soon after emergence but these are usually transient. In the event of crop failure, the land can be immediately replanted with maize.

After normal crop harvest winter wheat, durum wheat, winter barley or Rye grass may be drilled in the autumn but, before drilling oilseed rape, deep ploughing (deeper than 15 cm) is required before preparation of a seedbed. In the spring following maize harvest forage maize, grain maize, spring wheat or spring barley can be sown but maize treated with MEDELO should not be succeeded in the spring by any other crop.

CONDITIONS OF SUPPLY

All goods supplied by us are of high grade and we believe them to be suitable but, as we cannot exercise control over their storage, handling, mixing or use or the weather conditions before, during and after 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 re-sellers for any failure in performance, damage or injury whatsoever arising from their storage, handling, application or use.

These conditions cannot be varied by our staff or agents whether or not they supervise or assist in the use of such goods.

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