


GROUP 27 15 HERBICIDES

Product reg. no: MAPP 17891

UFI: FP14-A05P-800C-GOY2

A suspo-emulsion containing 60 g/litre of mesotrione and 500 g/litre s-metolachlor

Herbicide for the control of annual grass and broad-leaved weeds in maize.

SAFETY PRECAUTIONS
(a) 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 when handling the concentrate.

However engineering controls may replace personal protective equipment if a COSHH assessment shows they provide an equal or higher standard of protection.

WASH ALL PROTECTIVE CLOTHING thoroughly after use, especially the insides of gloves.

AVOID ALL CONTACT WITH SKIN.
WASH HANDS AND EXPOSED SKIN before eating and drinking and after work.

(b) Environmental protection

 To protect aquatic organisms respect an unsprayed buffer zone to surface water bodies in line with LERAP requirements. **DO NOT ALLOW DIRECT SPRAY** from horizontal boom sprayers to fall within 5m of the top of the bank of a static or flowing water body, unless a Local Environment Risk Assessment for Pesticides (LERAP) permits a narrower buffer zone, or within 1 m of the top of a ditch which is dry at the time of application.


Aim spray away from water.

This product qualifies for inclusion within the Local Environment Risk Assessment for Pesticides (LERAP) scheme. Before each spraying operation from a horizontal boom sprayer, either a LERAP must be carried out in accordance with CRD's published guidance or the statutory buffer zone must be maintained. The results of the LERAP must be recorded and kept available for three years.

Do not contaminate water with the product or its container.

Do not clean application equipment near surface water.

Avoid contamination via drains from yards and roads.

(c) Storage and disposal
KEEP IN ORIGINAL CONTAINER, tightly closed in a safe place.

RINSE 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 safely.

The (COSHH) Control of Substances Hazardous to Health Regulations may apply to the use of this product at work.
In case of toxic or transport emergency ring
+44 (0)1484 538444 any time

Syngenta UK Limited

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This product label is compliant with the CPA Voluntary Initiative (VI) guidance.


**SHAKE WELL BEFORE USE
PROTECT FROM FROST**

L1131304 GBRI/12C PPE 4224132

5 litres

Product names marked ® or ™, the ALLIANCE FRAME the SYNGENTA Logo and the PURPOSE ICON are Trademarks of a Syngenta Group Company

CLARIDO®

A suspo-emulsion containing 60 g/litre of mesotrione and 500 g/litre s-metolachlor

**Signal Word** Warning**Hazard** May cause an allergic skin reaction.**Statements** Suspected of damaging the unborn child.

Very toxic to aquatic life with long lasting effects.

Precautionary Keep out of reach of children.**Statements** Obtain special instructions before use.

Avoid breathing mist or vapours.

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

IF exposed or concerned: Get medical advice/attention.

If skin irritation or rash occurs: Get medical advice/attention.

Collect spillage.

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

Additional Labelling **To avoid risks to human health and the environment comply with the instructions for use.****MAPP 17891 UFI: FP14-A05P-800C-G0Y2****IMPORTANT INFORMATION**

FOR USE ONLY AS A HERBICIDE

Crop	Maximum individual dose (litres product/ha)	Maximum number of applications	Latest time of application	Aquatic buffer zone distance
Grain maize and Forage maize	1.8	1 per crop	4 leaves unfolded (GS 14)	5 metres

Other Specific Restriction: Do not apply via 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.

This leaflet is part of the approved Product Label.

DIRECTIONS FOR USE

IMPORTANT: This information is approved as part of the Product Label. All instructions within this section must be carefully read in order to obtain safe and successful use of this product.

RESTRICTIONS

Application must be made to healthy maize, preferably in good growing conditions, when the vegetation is dry.

Do not use during periods of frosty weather, when frost is imminent, or onto crops under stress from frost, waterlogging, insect attack or drought.

Special care should be taken to avoid damage to plants outside the target area by drift or drift onto land intended for cropping.

Some phytotoxicity may be seen after application of CLARIDO®. This effect is usually transient and does not affect yield.

Consult processors before use on grain maize for processing.

Ensure spraying equipment is thoroughly washed out according to specific instructions after use. Do not allow washings-out to drain onto land intended for cropping or growing crops.

WEEDS CONTROLLED

CLARIDO can be used to control the following weeds in maize either pre emergence or post emergence to the growth stage indicated:

Weed name	Maximum growth stage
Cockspur grass	4 leaves
Bristle grasses (<i>Setaria</i> spp)	Pre emergence only
Common Amaranth	2 leaves
Fat Hen	6 leaves
Redshank	Pre emergence only
Black Nightshade	2 leaves
Common Chickweed	2 leaves

WEED RESISTANCE

CLARIDO contains mesotrione and s-metolachlor.

Mesotrione is a 4-HPPD inhibitor, disrupting development of plant pigments which are essential for photosynthesis. This inhibition causes leaf chlorosis and eventual death of sensitive weed species. Its mode of action is different from other herbicide groups, and there is no known cross resistance in weeds which exhibit reduced sensitivity to other herbicides. Weed control may be reduced if strains of individual species less sensitive to mesotrione develop.

S-metolachlor is an inhibitor of very long chain fatty acid synthesis leading to inhibition of growth and eventual death. Resistance to s-metolachlor is extremely rare but weed control may be reduced if strains of individual species less sensitive to s-metolachlor develop.

The combined use of mesotrione and s-metolachlor in CLARIDO will reduce the risk of development of resistance to either active ingredient.

The use of CLARIDO in programmes or tank mixtures with herbicides of alternative modes of action will further reduce the likelihood of resistance development. At the present time no herbicide with a similar mode of action to mesotrione is available in crops other than forage maize and grain maize and therefore crop rotation will also delay the onset of any resistance. Where continuous forage maize and grain maize are grown, the use of CLARIDO for more than two seasons should be avoided. It is recommended that herbicides with different modes of action to mesotrione and S-metolachlor are then used.

CROP SPECIFIC INFORMATION

Timing and Rates of Use

CLARIDO can be applied to maize either pre or early post emergence of the crop. CLARIDO should be applied to the maize crop no later than the 4 leaf stage. Refer to maximum weed growth stage limits approved.

FOLLOWING CROPS AND RECULTIVATION

Following crops:

Autumn

Winter wheat (including durum wheat), winter barley and rye grass can follow (after shallow tillage) a maize crop treated with CLARIDO.

Deep ploughing (greater than 15cm) followed by cultivation is necessary before drilling oilseed rape.

Spring

Forage maize and grain maize, ryegrass, spring wheat and spring barley may be sown in the spring following application of CLARIDO. Do not sow any other crop at this time.

Recultivation :

In case of maize failure after a CLARIDO application, only grain and forage maize can be considered as alternative crops in the same spring (ploughing is recommended prior to reseeding to avoid slight and transitory crop effects soon after emergence).

MIXING AND SPRAYING

Preparation of the spray solution

Shake thoroughly the CLARIDO container. Half fill the spray tank with clean water and begin agitation. Add the required quantity of CLARIDO to the tank and complete filling. Continue agitation until spraying is completed.

Application

Application of CLARIDO will be achieved by using conventional ground spraying equipment at water volumes of 200-400 L/ha.

Do not spray CLARIDO post emergence of the crop if any rainfall is expected in the next 6 hours.

After Use

It is important to wash equipment thoroughly after use to remove all traces of CLARIDO as even small amounts may cause damage to crops. Rinse inside of 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.

Disposal of spray tank washings should be in accordance with local, state or national legislation.

SOIL CONDITIONS

No specific restrictions.

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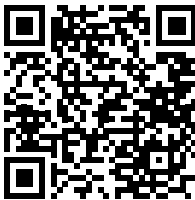
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To access the Safety Data Sheet for this product, scan QR code:



Alternatively, contact your supplier.

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