



XERTON[®]

HERBICIDE

MAPP 17335

XERTON is a post-emergence herbicide for use on winter wheat to control Annual Meadow-grass.

Suspension concentrate (SC) formulation containing 417g/L of ethofumesate.

Warning



May cause an allergic skin reaction.

Toxic to aquatic life with long lasting effects.

Avoid breathing dust/fumes/gas/mist/vapours/spray.

Do not eat, drink or smoke when using this product.

Contaminated clothing should not be allowed out of the workplace.

Avoid release to the environment.

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.

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.

IMPORTANT INFORMATION

FOR USE ONLY AS AN AGRICULTURAL HERBICIDE

Crop	Maximum individual dose	Maximum total dose	Latest time of application
Winter Wheat	0.6 litres/ha	0.6 litres/ha	Six leaf stage (BBCH 16)

OTHER SPECIFIC RESTRICTIONS

To protect groundwater the maximum total dose must not exceed 1 kg ethofumesate per hectare in any three year period.

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 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) AND 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.

ENVIRONMENTAL PROTECTION

USE APPROPRIATE CONTAINMENT TO AVOID ENVIRONMENTAL CONTAMINATION.

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 OR ANIMAL FEEDING STUFFS.
RINSE CONTAINER THOROUGHLY by using an integrated pressure rinsing device. After use, thoroughly wash out the sprayer with a minimum of two flushes of water. Add washings to sprayer at time of filling and dispose of safely.



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.

RATES OF USE

Apply a maximum of 0.6 litres XERTON per hectare as a post crop emergence application between crop growth stages BBCH 12 and BBCH 16 (two leaf to six leaf stage), within a treatment programme with other herbicides.

APPLICATION

Apply as an overall spray using conventional powered hydraulic sprayers in 200 L water/ha.

MIXING

Half fill the spray tank with water and start agitation. Add the required amount of XERTON to the sprayer tank and fill up with water whilst agitating. Use immediately. Continue agitation until spraying is complete.

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WEEDS CONTROLLED

XERTON is a selective systemic herbicide for the control of Annual Meadow-grass (*Poa annua*) when weeds are between one true leaf and early tillering (BBCH 11-21). The following table lists the susceptibility which is dependent on the weed growth stage:

Weed growth stage:	Early (GS 11-13)	Late (GS 14-21)
Susceptibility:	Susceptible	Moderately Susceptible

CROP SAFETY

All currently approved varieties of winter wheat may be treated with XERTON. Do not apply to crops suffering from stress, which may be caused for example by pests, disease, waterlogging, poor seed bed conditions, frost, wind or hail damage or previous chemical treatments.

SUCCEEDING CROPS

Crops may be sown 3 months after using XERTON. Ploughing to a minimum depth of 15 cm should precede preparation of a new seed bed.

RESTRICTIONS/ WARNINGS

DO NOT overlap spray bouts when used alone or in sequence with other herbicides.

AVOID spray drift onto neighbouring crops.

Do not apply to crops that are undersown or those due to be undersown.

Do not roll or harrow at application or within one week before application.

XERTON should only be used on varieties primarily planted in the winter that typically require vernalisation.

WEATHER CONDITIONS

In seasons of above average rainfall, or where heavy rain falls shortly after application, the overall level of weed control may be reduced. Do not spray during prolonged periods of frosty weather or when frost is imminent.

SOIL TYPES AND SOIL CONDITIONS

Do not use on water-logged soil or soils prone to water logging. XERTON should not be used on sands or very light soils containing a high percentage of stones. Do not use on soils containing above 10% organic matter, weed control may be reduced on soils with more than 6% organic matter.

EFFICACY

Sufficient soil moisture is necessary for residual activity. Residual control may be reduced under prolonged dry conditions.

SEEDBED PREPARATION

The seedbed should have a good fine, firm tilth, be free of clods and loose soils should be consolidated, otherwise reduced weed control or crop damage from inadequate seed cover may occur. On stony or gravelly soils there is a risk of crop damage especially if heavy rain falls soon after application.

RESISTANCE MANAGEMENT

Key elements of the resistance management strategy for XERTON:

- 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.
- Apply pre-emergence of weeds wherever possible. If applications are delayed, apply post-emergence products/mixtures to small, actively growing weeds, especially where high levels of resistance are suspected and to reduce the risk of resistance development.
- Monitor fields regularly and investigate the reasons for any poor control.

Strains of some annual grasses (e.g. Black-grass, Wild-oats and Italian rye-grass) have developed resistance to herbicides which may lead to poor control. 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, your distributor, crop adviser or product manufacturer.

COMPATIBILITY

For information on tank mixes please see the UPL website (www.upleurope.com).

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. Our staff or agents cannot vary these conditions whether or not they supervise or assist in the use of such goods. Xerton is a registered trademark of CEREXAGRI. Other brand names used in this guide are trademarks of other manufacturers for which propriety rights may exist.

To access the Safety Data Sheet for XERTON please use the link below or scan the code.



<http://www.upleurope.com/product-list.html>

Alternatively, contact your local supplier.

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1. To protect groundwater the maximum total dose must not exceed 1 kg ethofumesate per hectare in any three year period.
2. 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 the 'Local Environment Risk Assessment for Pesticides Horizontal Boom Sprayers' booklet available from the HSE Chemicals Regulation Directorate's Website or the statutory buffer zone must be maintained. The results of the LERAP must be recorded and kept available for three years.

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SHAKE WELL BEFORE USE PROTECT FROM FROST

For Batch Number and
Manufacturing Date see container.

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For 24 hour emergency information contact:

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