

# XERTON

HERBICIDE

PCS 05822

**XERTON is a post-emergence herbicide for use on winter wheat to control Annual meadow-grass (*Poa annua*) and Loose silky-bent (*Apera spica-venti*).**

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

**FOR PROFESSIONAL USE ONLY**

## Risk & Safety Information

### Warning

**May cause an allergic skin reaction.**  
**Very toxic to aquatic life with long lasting effects.**

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

Contaminated work clothing should not be allowed out of the workplace.

Wear protective gloves.

**IN CASE OF CONTACT WITH SKIN:** wash with plenty of soap and water.

If skin irritation or a rash occurs: 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 containers which can be disposed of as non-hazardous waste.

Repeated exposure may cause skin dryness or cracking.

**Contains 1,2-Benzisothiazolin-3-one. May produce an allergic reaction.**

**To avoid risks to human health and the environment, comply with the instructions for use.**

UFI: MYQR-R095-KVKC-Q6VG

PCS 05822

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## SAFETY PRECAUTIONS

### Operator protection

WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS) AND SUITABLE PROTECTIVE GLOVES when handling the concentrate.

### 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.

## INSTRUCTIONS FOR USE

**FOR USE ONLY AS AN AGRICULTURAL HERBICIDE**

**For Professional use only**

Crop	Maximum individual dose (L product/ha)	Maximum total dose (L product/ha/crop)	Latest time of application
Winter wheat	0.6	0.6	6 leaf stage (GS 16)

The maximum total dose must not exceed 1.0 kg ethofumesate per hectare in any three year period.

Read all safety precautions and directions for use before use.

**For 24 hour emergency information contact CARECHEM24:**

**+44 (0) 1235 239 670**

PROTECT FROM FROST

Shake well before use.

Manufacturing date and Batch no.: see packaging

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# XERTON

## 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 post crop emergence (from BBCH 10) up until BBCH23 (early tillering stage), within a treatment programme with other herbicides.

### Application

Apply as an overall spray using conventional powered hydraulic sprayers in a 100 - 300 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.

### WEEDS CONTROLLED

XERTON is a selective systemic herbicide for the control of Annual meadow-grass (*Poa annua*) and Loose silky-bent (*Apera spica-venti*), from before weeds have emerged until early tillering (BBCH 23). The following table lists the susceptibility.

Annual meadow-grass ( <i>Poa annua</i> )	Susceptible pre- and post-emergence
Loose silky-bent ( <i>Apera spica-venti</i> )	Moderately susceptible post-emergence

### 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.

### Successing crops

Following a normal harvest of treated winter wheat in the previous autumn, any crop may be sown as a following crop, without restriction. In case of crop failure, any crop may be sown following ploughing and if a period of at least 90 days has passed. However, if required, oilseed rape, peas, beans, sugar beet, carrots or onions, may be sown immediately and without restriction, including without ploughing.

### 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 AHDB, CPA, your distributor, crop adviser or product manufacturer.

### COMPATIBILITY

For information on tank mixes please see the UPL website ([www.upl-ltd.com/ie](http://www.upl-ltd.com/ie)).

### CONDITIONS OF SUPPLY

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