

Xerton

(MAPP 17335)

9 January 2017

XERTON is a selective systemic herbicide, absorbed by the emerging shoots (grasses) and roots (broad-leaved plants), with translocation to the foliage. XERTON is particularly active on Annual meadow-grass (*Poa Annua*) providing control up to the early tillering stage and it can have some activity on black-grass (*Alopecurus myosuroides*).

Xerton Product Profile

Active ingredient	ethofumesate
Inclusion rate	417 g/l
Formulation	Suspension Concentrate (SC)
Crops	Winter wheat
Maximum individual dose	0.6 l/ha
Maximum total dose	0.6 l/ha
Application timing	Between GS12 and GS16 of the crop (two and six leaves)
Pack size	5 litres
LERAP	–
Label water volume	200 l/ha*

* Label water volume can be reduced according to guidelines given in the Code of Practice for Using Plant Protection Products to allow application at 80-100 l/ha.

Key points to remember when using Xerton

- Only use on true winter wheats, currently there is no support for use on spring wheats sown in the winter.
- To protect ground-water the maximum total dose must not exceed 1 kg ethofumesate per hectare in any three year period.
- Do not use on water-logged soils or soils prone to water logging.
- XERTON should not be used on sands or very light soils containing a high percentage of stones.
- Always use in tank-mix with a partner product.
- There is no approval for use in Winter Barley.

Mode of action of Xerton (ethofumesate)

Ethofumesate belongs to the benzofuran chemical family (Group N) and the mode of action is by inhibition of lipid synthesis – not ACCase inhibition. Avadex (triallate), QUIDAM/Defy (prosulfofocarb) also belong to Group N. There has been no resistance to ethofumesate recorded within the UK.

BASIS points for the technical information provided by this update are CP/51900/1617/g (1 CPD).

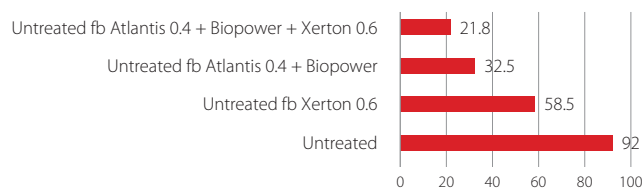
To claim please e-mail assistant@basis-reg.co.uk.

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Black-grass (*Alopecurus myosuroides*)

XERTON has activity on black-grass when included within a programme at 0.6 l/ha. XERTON works best pre-emergence of the black-grass and can be a useful tank-mix partner to products such as Atlantis + Biopower or Liberator when they are applied early post-emergence of the crop. Where delayed emergence of black-grass is predicted XERTON is an option for early post-emergence programmes.

Graph 1. Post-emergence treatments at GS12 of WW
Black-grass plants m²

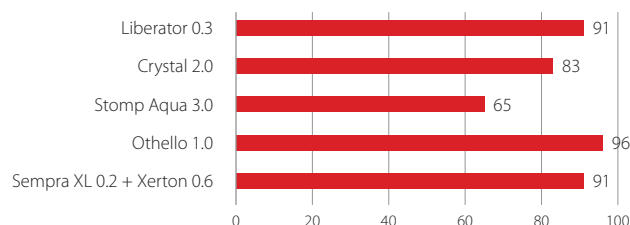


Source: DCP, Stradishall, Suffolk, 2013. (L.S.D 5% = 27.11)

Annual Meadow Grass (AMG) control with Xerton

XERTON is particularly effective in controlling AMG and is a good tank-mix partner for SEMPRA XL (diflufenican).

Graph 2. % control of AMG from early post-emergence treatments



Source: DCP Norfolk, 2014

For the latest information on tank-mix recommendations, please visit our website at www.upleurope.com.