

# Boxer™

## HERBICIDE

# Technical Information Sheet

Boxer is a herbicide used for the control of cleavers and other broad leaved weeds in winter and spring wheat, barley and oats

### Key facts

Product Registration Number:	MAPP 09819
Active Ingredient:	50 g/L (4.84% w/w) florasulam
Pack size:	0.5 L
Formulation:	Suspension Concentrate
Maximum Individual Dose:	0.15L/ha
Maximum Total Dose:	0.15 L/ha
Application Timing:	GS13-GS39
Water Volumes:	150-250 L/ha
Spray Quality:	Medium as defined by BCPC
Nozzles:	Flat Fan, Variable Pressure Flat Fan, Pre-Orifice, Air Inclusion, Airtec
Buffer Zone:	5m reducible buffer zone (1m dry ditches)

### Best Use Advice

- Suitable for use in the spring and autumn on all varieties of winter and spring wheat, barley and oats (but not durum wheat)
- Has a wide window of application up to crop GS39
- Following crops-
  - Sown in the year of treatment: cereals, oilseed rape, field beans, grass and vegetable brassicas as transplants
  - Sown in the calendar year following treatment: cereals. Oilseed rape, field beans, grass, linseed, peas, sugar beet, potatoes, maize, clover as part of a grass ley, carrots and vegetable brassicas as transplants
- Only one other product with an ALS-inhibitor mode of action should be applied to a cereal crop treated with Boxer
- However Boxer can be sequenced with one other florasulam containing product provided users don't exceed 7.5g ai/ha florasulam (3.75 g ai/ha before 1st Feb) and this will count as ONE ALS treatment
- Rainfast in 1 hour

### Tank Mixing

- Boxer is physically compatible with most commonly used fungicides, insecticides and PGRs
- Refer to <https://www.corteva.co.uk/content/dam/dpagco/corteva/eu/gb/en/products/files/DF-Boxer-tank-mixes.pdf> for further information



USE PLANT PROTECTION PRODUCTS SAFELY. Always read the label and product information before use.

For further information including warning phrases and symbols refer to label.

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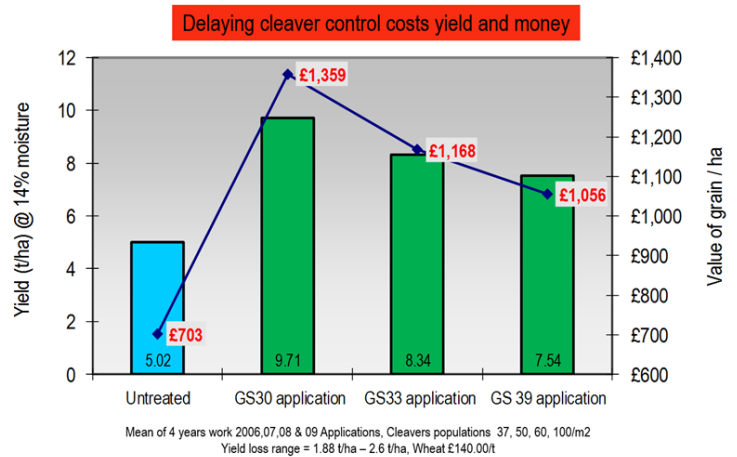
Technical Hotline: 0800 689 8899. E-mail: [ukhotline@corteva.com](mailto:ukhotline@corteva.com).

Boxer® contains florasulam.

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## Impact of Cleavers on Crop Yield

- Delaying cleaver control from GS30- GS39 results in-
  - Yield loss of 2.17t/ha
  - Lost return of £303.80 (2.17 x £140)
  - Delaying treatment to save a few £ on chemical cost is a false economy
- Extensive independent weed competition trials show cleavers compete with the crop from GS32 onwards
- To maximise return ensure cleaver control is completed before GS32



## Weed Spectrum Boxer + Pixxaro EC

Weed	Boxer 50 ml/ha	Pixxaro 333 ml/ha	Boxer 50 ml/ha + Pixxaro 333 ml/ha	Weed	Boxer 50 ml/ha	Pixxaro 333 ml/ha	Boxer 50 ml/ha + Pixxaro 333 ml/ha
Black Bindweed	S	S	S	Ivy Leaved Speedwell	MR	MR	MR
Black Nightshade	MS	MS	MS	Knotgrass	MR	MS	MS
Charlock	S	MR	S	Mayweed	S	MR	S
Chickweed	MS	MS	S	Orache	MR	MR	MR
Common Field Poppy	MS	MS	MS	Pale Persicaria	MR	MS	MS
Common Field Speedwell	MR	MR	MR	Pansy (Field )	MR	MR	MR
Common Fumitory	MR	S	S	Redshank	MS	MR	MS
Corn Marigold	MR	MR	MR	Red Dead Nettle	MR	S	S
Cleavers	MS	S	S	Small Nettle	MS	MS	S
Cranesbill	MR	MS	MS	Shepherds Needle	MS	MR	MS
Thistles (creeping from seed)	MS	MR	MS	Shepherds Purse	S	MS	S
Docks (from seed)	MS	MS	S	Sow Thistle	MS	MR	MS
Fat Hen	MR	S	S	Vol. Beans	MS	MS	S
Fools Parsley	MS	MS	MS	Vol. Borage	MS	MS	S
Forget me Not	MS	MS	S	Vol. OSR	S	MR	S
Groundsel	MS	MS	MS	Weed Beet	MS	MR	S
Hedge Mustard	S	MR	S	Wild Radish	S	MR	S
Hemp Nettle	MS	MS	S	Vol. Peas	MS	MS	S
Henbit Dead Nettle	MR	S	S	Vol Potatoes	MR	MS	MS

S= Susceptible (>85%) MS=Moderately Susceptible (75-85%) MR= Moderately Resistant/ Tolerant