

Technical Information Sheet

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

Key facts

| | |
|------------------------------|--------------------------------------------------------------------------|
| Product Registration Number: | MAPP No. 19536 |
| Active Ingredient: | 50 g/L (4.84% w/w) florasulam (HRAC Group 2 herbicide) |
| Pack size: | 0.5 L |
| Formulation: | Suspension Concentrate |
| Maximum Individual Dose: | 0.1 L/ha |
| Maximum Total Dose: | 0.1 L/ha |
| Application Timing: | GS11-GS45 |
| 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

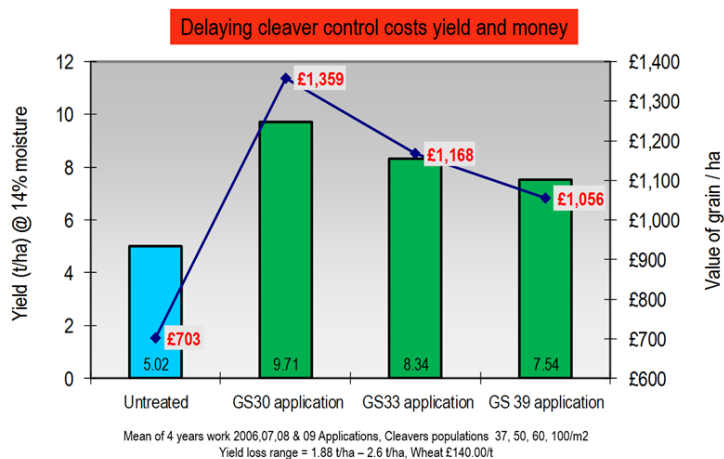
- Suitable for use in the spring and autumn on all varieties of winter and spring wheat, barley, oats, durum wheat and spelt.
- Has a wide window of application up to crop GS45.
- Following crops-
 - Sown in the year of treatment: cereals, oilseed rape, field beans, grass and vegetable brassicas as transplants
 - 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 7.5 g ai/ha florasulam (3.75 g ai/ha before 1st Feb) and this will count as ONE ALS treatment.
- Rainfast in 1 hour.
- To avoid subsequent injury to crops other than wheat, rye and triticale, spray equipment used for Boxer applications should be thoroughly cleaned with All Clear Extra.

Tank Mixing

- Boxer is physically compatible with a wide range of crop protection products including herbicides, fungicides, insecticides and PGRs.
- Refer to <https://www.corteva.co.uk/tools-and-advice/tank-mix.html> for further information.

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 ££s 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

| Weed | Boxer 100ml/ha | Weed | Boxer 100ml/ha |
|------------------------|-------------------------|-------------------------------|-----------------------------------------|
| Black Bindweed | S upto 10cm | Mayweed | S upto flowering |
| Black Nightshade | S upto 6cm | Orache | R |
| Charlock | S upto flowering | Pale Persicaria | - |
| Chickweed | S upto flowering | Pansy (Field) | R |
| Common Field Speedwell | R | Poppy | MS upto 4tl (ALS R); S upto 4TL (ALS S) |
| Common Fumitory | R | Redshank | MS upto 4tl |
| Corn Marigold | S upto rosette stage | Red Dead Nettle | R |
| Cleavers | S upto 20cm | Small Nettle | - |
| Cranesbill | R | Shepherds Needle | S upto 10cm |
| Docks (from seed) | MS upto 4tl | Shepherds Purse | S upto 10cm |
| Fat Hen | R | Sow Thistle | S upto 10cm |
| Fools Parsley | MS upto 4tl | Thistles (creeping from seed) | MS upto 4tl |
| Forget me Not | S upto 10cm | Vol. Beans | - |
| Groundsel | S upto 5cm | Vol. OSR | S Before flower buds visible |
| Hedge Mustard | S upto 10cm | Weed Beet | S upto 6tl |
| Hemp Nettle | S upto 4tl | Wild Radish | S upto 100mm |
| Henbit Dead Nettle | R | Vol. Peas | S upto 10cm |
| Ivy Leaved Speedwell | R | Vol Potatoes | MS upto 4tl |
| Knotgrass | MS upto 4tl | | |

Key: **bold** – label weeds, S susceptible, MS moderately susceptible, T tolerant, - no information, tl true leaves.

Any recommendation for off-label or anecdotal control is only indicative and should not be considered as a recommendation for use on the part of Corteva Agriscience. The user assumes full responsibility for use on these weeds.