

# Technical Information Sheet

Spitfire® for control of broad-leaved weeds in winter and spring wheat, barley, oats, rye and triticale and these cereals undersown with grass.

## Key facts

Product Registration Number:	MAPP No. 19945
Active Ingredient:	5 g/litre florasulam + 100 g/litre fluroxypyr (HRAC Group 4 & 2 herbicide)
Pack size:	5.0 L
Formulation:	Suspension Emulsion
Maximum Individual Dose:	0.75 L/ha prior to 1st February; 1.0 L/ha after 1st February
Application Timing:	GS13 to GS45 (Winter Wheat and Barley); to GS39 (Spring Wheat and Barley); to GS31 (Oats, Rye, Triticale). Includes those undersown with grass.
Water Volumes:	100-300 L/ha (only use the lower volume in open crops with small weeds)
Spray Quality:	Medium as defined by BCPC
Nozzles:	CFF, VPF, Air inclusion and Twin Fluid Nozzles
Buffer Zone:	5 m aquatic (reducible to 1m if ditch is dry)

## Best Use Advice – Spring

- Apply when weeds are actively growing.
- Can be used in spring sown barley and wheat from GS13-39, in winter wheat and barley from GS13-45 and in winter and spring sown oats from GS13-31.
- Can be used in cereals under sown with grass. Application should be made when the grasses have at least 3 fully expanded leaves.
- Rainfast 1 hour.
- Following crops
  - Sown in the year of treatment: Cereals, oilseed rape, field beans, vegetable brassicas as transplants, grass
  - Sown the calendar year following treatment: Cereals, oilseed rape, field beans, carrots, vegetable brassicas as transplants, grass, linseed, peas, sugar beet, potatoes, maize, clover (for use in grass/clover mixtures).
- Use as part of a programme and follow WRAG guidelines
  - Dual actives help to manage weed resistance.
- TANK MIXING \*Refer to <https://www.corteva.co.uk/tools-and-advice/tank-mix.html> for further information.
- Only one other product with an ALS-inhibitor mode of action should be applied to a cereal crop treated with Spitfire
  - However, Spitfire 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.
  - Compatible with most commonly used fungicides, insecticides and plant growth regulators.

## Weed Spectrum

Weed	0.75 L/ha	1.0 L/ha
Black bindweed	S 4TL	S 8TL
Black nightshade	S 4TL	S 6TL
Charlock	S 6TL	S bfbv
<b>Chickweed</b>	<b>S &lt;flowering</b>	S <flowering
Corn marigold	S 4TL	S <rosette
<b>Cleavers</b>	S <20cm	<b>S &lt;flowering</b>
Clover	S 4TL	S 10 cm
Corn spurrey	S 2TL	S 2TL
Creeping thistle (from seed)	S 2TL	S 2TL
Docks (from seed)	S 2TL	S 4TL
Field pennycress	S 4-6TL	S 4-6TL
Forget-me-not	S <5cm	S bfbv
Fumitory (common)	R	MS 2TL
Groundsel	S 4TL	S <5cm
<b>Hedge mustard</b>	S <8cm	<b>S &lt;10cm</b>
Hemp-nettle	S <4cm	S <8cm
Henbit dead-nettle	MS 2TL	S 2TL
Knotgrass	R	MS 2TL
<b>Mayweeds</b>	S <rosette	<b>S &lt;flowering</b>
Pale persicaria	R	MS 2TL
Parsley piert	S <5cm	S <10cm
Poppy* (Common field)	MS 2TL	S <10cm
Redshank	R	MS 2TL
Red dead-nettle	S 2TL	S 2-4TL
Scarlet pimpernel	R	MS
Shepherd's needle	S 4TL	S 6TL
<b>Shepherd's purse</b>	S 6TL	<b>S &lt;10cm</b>
Sow-thistle (annual)	S <5cm	S <10cm
Sun spurge	S 4TL	S 6TL
Thale cress	S 4TL	S 6TL
Volunteer beans	S 6TL*	S 8TL
Volunteer borage	S 4TL	S 6TL
Volunteer linseed	MS <5cm	S <8cm
<b>Volunteer oilseed rape</b>	S <10cm	<b>S bfbv</b>
Volunteer potatoes	MS 2TL	MS 4TL
Weed beet	S 4TL	S 6TL
<b>Wild radish</b>	S 8TL	<b>S &lt;10cm</b>

Key: **bold** – label weeds, , \* – improved control with adjuvant, S – susceptible, MS – moderately susceptible, R – tolerant, TL – true leaves, bfbv - before flower buds visible

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