

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 and 100 g/litre fluroxypyr (HRAC Group 4 & 2 Herbicide)
Pack Size:	5 litres (treats 5 ha)
Formulation:	Suspension Emulsion (SE)
Maximum Individual Dose:	0.75 l/ha prior to 1 st February; 1.0 l/ha after 1 st February
Application Timing:	GS13-GS45 (winter wheat and barley); GS13-GS39 (spring wheat and barley); GS13-GS31 (oats, rye, triticale). Includes those under-sown 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, VPFF, Air inclusion and Twin Fluid Nozzles
Buffer Zone:	5m aquatic (reducible to 1m if ditch is dry)
Rainfastness:	1 hour

Best use advice

- 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.
- 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.
- 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.
 - Tank mixing: *Refer to <https://www.corteva.com/uk/tools-and-advice/tank-mix.html> for further information.

Weed spectrum

Weed	0.75 l/ha	1.0 l/ha
Black bindweed	S up to 4TL	S up to 8TL
Black nightshade	S up to 4TL	S up to 6TL
Charlock	S up to 6TL	S up to BFBV
Chickweed	S up to flowering	S up to flowering
Cleavers	S up to 20 cm	S up to flowering
Clover	S up to 4TL	S up to 10 cm
Corn marigold	S up to 4TL	S up to rosette
Corn spurrey	S up to 2TL	S up to 2TL
Docks (from seed)	S up to 2TL	S up to 4TL
Field pennycress	S up to 4-6TL	S up to 4-6TL
Forget-me-not	S up to 5 cm	S up to BFBV
Fumitory (common)	R	MS up to 2TL
Groundsel	S up to 4TL	S up to 5 cm
Hedge mustard	S up to 8 cm	S up to 10 cm
Hemp-nettle	S up to 4 cm	S up to 8 cm
Henbit dead-nettle	MS up to 2TL	S up to 2TL
Knotgrass	R	MS up to 2TL
Mayweeds	S up to rosette	S up to flowering
Pale persicaria	R	MS up to 2TL
Parsley piert	S up to 5 cm	S up to 10 cm
Poppy*	MS up to 2TL	S up to 10 cm
Redshank	R	MS up to 2TL
Red dead-nettle	S up to 2TL	S up to 2-4TL
Scarlet pimpernel	R	MS
Shepherd's needle	S up to 4TL	S up to 6TL
Shepherd's purse	S up to 6TL	S up to 10 cm
Sun spurge	S up to 4TL	S up to 6TL
Thale cress	S up to 4TL	S up to 6TL
Thistle, creeping (from seed)	S up to 2TL	S up to 2TL
Thistle, sow (annual)	S up to 5 cm	S up to 10 cm
Volunteer beans*	S up to 6TL	S up to 8TL
Volunteer borage	S up to 4TL	S up to 6TL
Volunteer linseed	MS up to 5 cm	S up to 8 cm
Volunteer oilseed rape	S up to 10 cm	S up to BFBV
Volunteer potatoes	MS up to 2TL	MS up to 4TL
Weed beet	S up to 4TL	S up to 6TL
Wild radish (runch)	S up to 8TL	S up to 10 cm
Key: Label weeds in bold . TL - true leaves, BFBV - before flower buds visible Non-label weed information is based on anecdotal or limited data and 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. *Requires addition of MSO adjuvant.		
	Susceptible	
	Moderately susceptible	
	Resistant	