

Technical Information Sheet

Starane XL for control of broad-leaved weeds in winter and spring wheat, barley and oats.

Key facts

Product Registration Number:	MAPP No. 19775
Active Ingredient:	2.5 g/litre florasulam and 100 g/litre fluroxypyr (HRAC Group 2 & 4 Herbicides)
Pack Size:	5 litres
Formulation:	Suspension Emulsion (SE)
Maximum Individual Dose:	1.5 l/ha
Maximum Total Dose:	1.5 l/ha
Latest Application Timing:	GS45 in winter wheat and barley; GS39 in spring wheat and barley; GS31 in winter and spring oats
Water Volumes:	80-250 l/ha
Spray Quality:	Medium as defined by BCPC
Nozzles:	CFF, VFFF, Air inclusion and Twin Fluid Nozzles
Buffer Zone:	5m aquatic buffer zone - can be reduced following a LERAP assessment.
Rainfastness:	1 hour

Key benefits

- Wide window of application from GS13-GS45 in winter wheat and barley crops for full season control.
- Can be used in all varieties of winter and spring wheat, barley and oats from GS13.
- Works equally well in cold, warm or fluctuating diurnal temperatures.
- No cultivation restrictions prior to sowing following crops.

Best use advice

- 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.
- Dose rate can be adjusted to suit weed size and spectrum (see table overleaf).
- Best control is achieved when applications are made to small actively growing weeds.
- Starane XL + recommended adjuvant* will control common poppy up to 5 cm.
 - *Starane XL at 1.5 l/ha + 1.0 l/ha of Phase II, Actirob B or Toil.
- Only one other product with an ALS-inhibitor mode of action should be applied to a cereal crop treated with Starane XL.

However, Starane XL 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.

To avoid subsequent injury to crops other than wheat, rye and triticale, spray equipment used for Starane XL applications should be thoroughly cleaned with All Clear Extra.

Tank mixing

- Ideal as a mix partner at T1 or T2 fungicide timings†.
- Starane XL is compatible with a wide range of fungicides, insecticides and trace elements
 - †Refer to <https://www.corteva.com/uk/tools-and-advice/tank-mix> for further information on compatibilities and ALS joint applications.

Weed spectrum

Weed	1.0 l/ha	1.25 l/ha	1.5 l/ha
Black bindweed	S up to 2TL	S up to 4TL	S up to 8TL
Black nightshade	S up to 2TL	S up to 4TL	S up to 8TL
Charlock	S up to 4TL	S up to 6TL	S up to 20 cm
Chickweed	S up to B4 flowering	S up to B4 flowering	S up to B4 flowering
Cleavers	S up to 20 cm	S up to 20 cm	S up to B4 flowering
Clover	MS up to 2TL	S up to 2TL	S up to 4TL
Corn marigold	MS up to 2TL	S up to 2TL	S up to 4TL
Corn spurrey	MS	MS	S up to 2TL
Docks (seedling)	S up to 2TL	S up to 2TL	S up to 4TL
Forget-me-not	MS up to 5 cm	S up to 5 cm	S up to 5 cm
Groundsel	R	MS up to 2TL	S up to 4TL
Hedge mustard	S up to 2TL	S up to 4TL	S up to 8 cm
Hemp-nettle	S up to 4TL	S up to 4TL	S up to 10 cm
Henbit dead-nettle	S up to 2TL	S up to 2TL	S up to 2TL
Knotgrass	R	MS up to cotyledon	S up to 2TL
Mayweeds	S up to rosette	S up to rosette	S up to 20 cm
Pale persicaria	R	R	S up to 2TL
Parsley piert	R	MS up to 2TL	S up to 5 cm
Red dead-nettle	S up to 2TL	S up to 2TL	S up to 2TL
Shepherd's needle	R	S up to 2TL	S up to 4TL
Shepherd's purse	S up to 4TL	S up to 6TL	S up to 8 cm
Sun spurge	MS up to 2TL	S up to 4TL	S up to 6TL
Vol. beans	S up to 2TL	S up to 4TL	S up to 6TL
Vol. linseed	S up to 8 cm	S up to 8 cm	S up to 10 cm
Vol. OSR	S up to 4TL	S up to 6TL	S up to 10 cm
Vol. sugar beet	MS up to 2TL	S up to 2TL	S up to 4TL
Wild radish (runch)	S up to 4TL	S up to 6TL	S up to 10 cm
Key: Label weeds in bold . TL - true leaves, B4 - before 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.			
	Susceptible		
	Moderately susceptible		
	Resistant		