

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 + 100 g/litre fluroxypyr (HRAC Group 4 & 2 herbicides)
Pack size:	5.0 L
Formulation:	Suspension Emulsion
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, VPFF, Air inclusion and Twin Fluid Nozzles
Buffer Zone:	5m aquatic buffer zone - can be reduced following a LERAP assessment.

Best Use Advice

- Can be used in all varieties of winter and spring wheat, barley and oats from GS13.
- 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 5cm.
 - *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 with 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.co.uk/tools-and-advice/tank-mix> for further information on compatibilities and ALS joint applications.

Key Benefits

- Wide window of application from GS13 to GS45 in winter wheat and barley crops for full season control.
- Works equally well in cold, warm or fluctuating diurnal temperatures.
- Rainfast in 1 hour.
- No cultivation restrictions prior to sowing following crops.

Weed Spectrum

Weed	1.0 L/ha	1.25 L/ha	1.5 L/ha
Black bindweed	S 2 TL	S 4 TL	S 8 TL
Black nightshade	S 2 TL	S 4 TL	S 8 TL
Charlock	S 4 TL	S 6 TL	S <20cm
Chickweed	S before flowering	S before flowering	S before flowering
Cleavers	S <20 cm	S <20 cm	S BF
Forget-me-not	MS <5cm	S <5cm	S <5cm
Corn marigold	MS 2 TL	S 2 TL	S 4 TL
Corn spurrey	MS	MS	S 2 TL
Groundsel	R	MS 2 TL	S 4 TL
Docks (seedling)	S 2 TL	S 2 TL	S 4 TL
Hedge mustard	S 2 TL	S 4 TL	S <8cm
Hemp-nettle	S 4 TL	S 4 TL	S <10cm
Henbit deadnettle	S 2 TL	S 2 TL	S 2 TL
Mayweeds	S <Rosette	S < Rosette	S <20cm
Red dead-nettle	S 2 TL	S 2 TL	S 2 TL
Shepherd's needle	R	S 2 TL	S 4 TL
Shepherd's purse	S 4 TL	S 6 TL	S <8cm
Sun spurge	MS 2 TL	S 4 TL	S 6 TL
Vol. linseed	S <8cm	S <8cm	S <10cm
Vol. OSR	S 4 TL	S 6 TL	S <10cm
Vol. sugar beet	MS 2 TL	S 2 TL	S 4 TL
Wild radish	S 4 TL	S 6 TL	S <10cm

Key: bold – label weeds, S – susceptible, MS – moderately susceptible, R – tolerant, TL – true leaves

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.