

Technical Information Sheet

Starane Hi-Load HL is a selective post-emergence herbicide for use on winter and spring cereals, forage maize, grass seed crops and new sown leys to control a range of annual weeds.

Key facts

Product Registration Number:	MAPP No. 16557
Active Ingredient:	333 g/litre fluroxypyr (HRAC Group 4 Herbicide)
Pack Size:	5 litres
Formulation:	Emulsifiable Concentrate (EC)
Maximum Individual Dose:	0.6 l/ha (winter wheat, barley, rye and oats, triticale, spelt, durum wheat & forage maize) 0.45 l/ha (spring wheat, barley, rye, oats, grass for seed, new sown grass ley)
Maximum Total Dose:	As above
Latest Application Timing:	GS45 in winter wheat and winter barley. GS39 in triticale, spring wheat, and spring barley GS31 in winter rye, oats, spelt, durum wheat Before seven leaves unfolded stage in forage maize
Grazing Interval:	Keep livestock out of treated areas for at least 3 days and/or until poisonous weeds have died and become unpalatable
Water Volumes:	200-400 l/ha label rate Can be used at full dose down to 80 l/ha
Spray Quality:	Medium as defined by BCPC
Nozzles:	CFF, VPF, Air inclusion and Twin Fluid Nozzles
Buffer Zone:	5m Aquatic Buffer Zone – can be reduced following a LERAP assessment
Rainfastness:	1 hour

Key benefits

- Can be used on a wide range of crops: winter cereals (wheat, barley, oats, rye), spring cereals (wheat, barley, oats, rye), triticale, durum wheat, spelt, forage maize, grass seed crops, new sown grass leys (see EAMUs for further non-label crops including onion, shallot, garlic, leek, salad onion, morphine poppy, sweetcorn, meadowfoam and crops grown for game cover).
- Concentrated formulation = less packs per tank.
- Less packaging waste per hectare.
- No following crop restrictions.
- Starane Hi-Load HL provides outstanding tank mix compatibility.
- Can now be tank mixed with other maize herbicides to boost control of some key weeds, e.g., black bindweed, knotgrass, vol potatoes and docks (latest timing 3-6 lvs of maize).
- No known resistance in any target weed species.

Rate equivalents

200 g fluroxypyr formulation (l/ha)	Starane Hi-Load HL 333 g (l/ha)
0.5	0.3
0.6	0.36
0.75	0.45
1.0	0.6

Weed spectrum

Weed	0.45 l/ha	0.6 l/ha
Black bindweed	S up to 4TL	S up to 6TL
Black nightshade	S up to 4TL	S up to 6TL
Chickweed (common)	S up to 10 cm	S up to flowering
Cleavers	S up to 15 cm	S up to flowering
Clover	S up to 2TL	S up to 4TL
Corn spurrey	MS up to 2TL	MS up to 2-4TL
Docks (seedling)	S up to 4TL	S up to 6TL
Forget-me-not	S up to 5 cm	S up to flowering
Fumitory	MS up to 2TL	S up to 2TL
Groundsel	R	MR up to 2TL
Hemp nettle	S up to 10 cm	S up to flowering
Henbit dead nettle	MS up to 4TL	S up to 4TL
Knotgrass	MS up to 2TL	S up to 2TL
Pale persicaria	MS up to 2TL	S up to 2TL
Red dead nettle	MS up to 4TL	S up to 4TL
Redshank	MS up to 2TL	S up to 2TL
Thale cress	S up to 6TL	S up to 6TL
Vetch	S up to 2TL	S up to 4TL
Volunteer borage	S up to 2TL	S up to 4TL
Volunteer linseed	S up to 10 cm	S up to 20 cm BFBV
Volunteer potatoes	MS	MS up to 2-4TL

Key:

Label weeds in **bold**. TL - true leaves, BFBV - Before Flower Buds Visible

Non-Label weeds listed as an indication of the effect that would be expected to be achieved based on limited data - these are not recommendations; just an indication of what effects might be achieved.

To complete the weed spectrum tank-mix with a sulfonyl-urea herbicide such as Jubilee SX.

	Susceptible		Moderately susceptible
	Moderately resistant		Resistant