

Technical Information Sheet

Starane Hi-Load HL is a selective post-emergence herbicide for use in forage maize 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
Maximum Total Dose:	0.6 l/ha
Application Timing:	Apply from the 3-leaf stage (GS13) to before the 7 leaves unfolding stage (GS16) DO NOT apply once the buttress roots (side roots) have started to develop on the first node
Water Volumes:	200-400 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

- Starane Hi-Load controls a range of weeds commonly found in forage maize, including cleavers and polygonums
- Concentrated formulation = less packs per tank
- Less packaging waste per hectare
- No following crop restrictions
- Starane Hi-Load HL 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	Up to 4TL	Up to 6TL
Black nightshade	Up to 4TL	Up to 6TL
Chickweed (common)	Up to 10 cm	Up to BF
Cleavers	Up to 15 cm	Up to BF
Clover	Up to 2TL	Up to 4TL
Corn spurrey	Up to 2TL	Up to 2-4TL
Docks (seedling)	Up to 4TL	Up to 6TL
Forget-me-not	Up to 5 cm	Up to BF
Fumitory	Up to 2TL	Up to 2TL
Groundsel		Up to 2TL
Hemp-nettle	Up to 10 cm	Up to BF
Henbit dead-nettle	Up to 4TL	Up to 4TL
Knotgrass	Up to 2TL	Up to 2TL
Pale persicaria	Up to 2TL	Up to 2TL
Red dead-nettle	Up to 4TL	Up to 4TL
Redshank	Up to 2TL	Up to 2TL
Thale cress	Up to 6TL	Up to 6TL
Vetch	Up to 2TL	Up to 4TL
Volunteer borage	Up to 2TL	Up to 4TL
Volunteer linseed	Up to 10 cm	Up to 20 cm BFBV
Volunteer potatoes		Up to 2-4 TL

Key:

Label weeds in **bold**. TL - true leaves, BF - Before Flowering, 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.

	Susceptible		Moderately susceptible
	Moderately resistant		Resistant