

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:	PCS No. 04549
Active Ingredient:	333 g/litre fluroxypyr (HRAC Group O)
Pack size:	5 Litres
Formulation:	Emulsifiable concentrate
Maximum Individual Dose:	0.6 L/ha (Winter Wheat, Barley, Rye and Oats; Triticale, Durum Wheat & Forage Maize). 0.45 L/ha (Spring Wheat, Barley, Rye and Oats; Grass for Seed; New Sown Grass Ley)
Maximum Total Dose:	As above
Application Timing:	From 2-leaf stage (GS12) – Before flag leaf sheath opening stage (GS45) in Winter Wheat and Winter Barley. From 2- leaf stage (GS12) – Before flag leaf sheath extending stage (GS39) in Triticale, Spring Wheat, and Spring Barley From 2 leaf stage (GS 12) – Before second node detectable stage (GS31) in Rye, Oats, Durum Wheat From 3- leaf stage (GS13) – Before seven leaves unfolding stage (GS 16) in Forage Maize From 3 expanded leaves (GS13) – Second node detectable (GS 32) in Newly sown grass leys and Grass for seed
Grazing Interval:	Keep livestock out of treated areas for at least 7 days and until poisonous weeds have died and become unpalatable.
Water Volumes:	70 – 400 L/ha label rate Higher volumes recommended where crop is dense
Spray Quality:	Medium as defined by BCPC at 2-3 bar pressure
Nozzles:	CFF, VPFF, Air inclusion and Twin Fluid Nozzles
Buffer Zone:	5 m Aquatic Buffer Zone
Rainfastness:	1 hour provided good drying conditions

Key Benefits

- The newest addition to the tried and trusted Starane brand, in a higher concentration
- For use on a wide range of crops: Winter cereals (wheat, barley, oats, rye), spring cereals (wheat, barley, oats, rye), triticale, durum wheat, forage maize, grass seed crops, new sown grass leys (see EAMUs for further non-label crops including onion, shallot, garlic, leek).
- Concentrated formulation = less packs per tank.
- Less packaging waste per hectare– fewer packs required.
- Starane Hi-Load HL provides outstanding tank-mix compatibility.
- No known resistance in any target species

Rate Equivalents

200 g fluroxypyr formulation (L/ha)	Starane Hi-Load HL 333g (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
Bindweed (black)	S up to 4TL	S up to 6TL
Black nightshade	S up to 4TL	S up to 6TL
Chickweed (common)	S up to 10cm	S up to BF
Cleavers	S up to 15cm	S up to BF
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 5cm	S up to BF
Fumitory	MS up to 2TL	S up to 2TL
Groundsel	R	MR up to 2TL
Hemp nettle	S up to 10cm	S up to BF
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 upto10cm	S up to 20cm BFBV
Volunteer potatoes	MS	MS up to 2-4TL

Key: **bold**-label weeds, TL – true leaves, BFBV – Before Flower Buds Visible, BF – Before Flowering
 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.