

For the control of grass weeds and broad-leaved weeds in winter beans.

Key facts

Product Registration Number:	MAPP No. 15586
Active Ingredient:	500 g/l propyzamide (HRAC Group 3 Herbicide)
Pack Size:	10 litres
Formulation:	Suspension Concentrate (SC)
Maximum Individual Dose:	1.7 l/ha
Maximum No. Applications:	One per crop
Application Timing:	Before 1 st February in the year of harvest/Pre-emergence within 7 days of drilling
Water Volumes:	200-1000 l/ha
Spray Quality:	Medium as defined by BCPC
Buffer Zone:	No LERAP restrictions
Rainfastness:	1 hour

Key benefits

- Can be used on all varieties of winter beans.
- No known weed resistance – use Kerb Flo 500 to help clean up key weeds across the rotation.
- Proven, trustworthy formulation with patented traceability protection against counterfeiting.

Best use advice for field beans

- In winter beans, use Kerb Flo 500 at its maximum rate of 1.7 l/ha.
- Apply Kerb Flo 500 as a pre-emergence to a firm seedbed within 7 days of drilling. Whilst there are no drilling depth restrictions for Kerb Flo 500, please ensure that if used in tank mix, other manufacturers recommendations related to drilling depth are observed.
- Avoid applications when heavy rain is forecast.
- Do not make more than one application of Kerb Flo 500 within 9 months to the same area of land.
- Soil type restrictions:
 - Kerb Flo 500 should not be used on soils containing >10% organic matter.
 - Do not use on winter beans grown in sands, very light soils or light soils.
 - Apply only to winter beans grown on medium to heavy soils.
- To avoid run-off, applications should be made to a clod-free seedbed.

Tank mixing

Kerb Flo 500 is physically compatible with the following herbicides, no information is available on crop safety or efficacy and so we would encourage growers to seek further information from the manufacturers concerned or PGRO, especially when crops are under stress, e.g., due to waterlogging and/or seedbed quality is poor, or drilling depth is uneven:

- Ardee XL; Beaufort/Sirtaki CS; Centium 360CS + Roundup Flex; Liaison/Motif/Rodeo; Roundup Energy/Roundup Vista Plus; Roundup PowerMax; Touchdown Quattro – maintain continuous agitation when mixing with any of these products.
- Centium 360CS
- Rosate 360 TF

Weed spectrum

	1.7 l/ha		
	Germinating	Up to 2 leaves	Established
Black bindweed	S	S	MR
Black-grass	S	S	MS
Brome, barren	S	S	S
Chickweed, common	S	S	S
Cleavers	MS	MR	R
Fathen	S	S	MR
Knotgrass	S	S	MR
Meadow-grass, annual	S	S	S
Nightshade, black	S	S	MR
Redshank	S	S	MR
Small nettle	S	S	MR
Speedwell spp.	S	S	MR
Volunteer cereals	S	S	S
Wild oats	S	S	S
Key			
	Susceptible		Moderately Susceptible
	Moderately Resistant		Resistant
Established – grass weed growth stage up to mid tillering, broad-leaved weed growth stage up to 10cm			

Water protection

If at least 5 of the following criteria are met, then the risks to water will be significantly reduced:

- There is no risk of heavy rainfall within 48 hours of application.
- Field drains are not flowing and unlikely to flow within 7 days of application.
- The crop has been established with true minimum tillage working the top 4-6cm only or by direct drilling.
- The field is NOT bordered by a watercourse.
- The field has a 6m grass buffer strip adjacent to water.
- There are no field drains.
- Field slope less than 5% (1m fall in 20m).
- The field has not been deep sub-soiled below the plough layer or mole-drained within the preceding 6 months.
- Download the Arable App for in-season Kerb weather data application advice.

<https://www.corteva.co.uk/tools-and-advice/app-downloads.html>