

For the control of grass weeds and broad-leaved weeds in oilseed rape.

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
Water Volumes:	200-1000 l/ha
Spray Quality:	Medium as defined by BCPC
Buffer Zone:	No LERAP restrictions
Rainfastness:	1 hour

Best use advice for oilseed rape

- Use full rate of 1.7 l/ha for difficult black-grass and ryegrass situations.
- May be applied at 1.0 l/ha or 1.5 l/ha to suit weed size and spectrum.
- Do not make more than one application of a propyzamide-containing product to an oilseed rape crop.
- Kerb Flo 500 should not be used on soils containing >10% organic matter.
- To avoid run off, applications should be made to a firm, clod-free seedbed.
- Applications can be made from the 1st October when the crop has 3 true leaves.
- Kerb Flo 500 is best applied when soil temperatures at 30cm reach 10°C and are falling and where there is sufficient moisture in the soil surface layer for plant uptake.

Tank mixing

- Where populations of black-grass, ryegrass and/or volunteer cereals exceed 50 per m², apply Kerb Flo 500 as part of a programme, following or in a tank-mix with an effective approved graminicide, e.g., Laser or Centurion Max at 1.0 l/ha.
- Use in a tank mix with Belkar, in a programme following LaDiva or with a spring application of Korvetto will help improve control of certain broad-leaved weeds, i.e. cranesbill.
- Refer to <https://www.corteva.co.uk/tools-and-advice/tank-mix.html> for further information on compatible tank mix partners.

Key benefits

- Controls all the main grass weeds including black-grass, ryegrass, wild oat, brome, AMG and volunteer cereals.
- Control of key broad-leaved weeds including chickweed and speedwells.
- No known weed resistance – use Kerb Flo 500 to help clean up any weeds across the rotation.
- Useful weed control on crops with companion cropping components.
- Wide range of following crop options.
- Trustworthy formulation from Corteva Agriscience with patented traceability protection against counterfeiting.

Weed spectrum: label weeds

Weeds	1.0 l/ha	1.5 l/ha	Weeds	1.0 l/ha	1.5 l/ha
Black bindweed	S up to 2TL	S up to 2TL	Meadow grasses	S before flowering	S before flowering
Black-grass		MS up to GS24	Nettle, small	S up to 2 TL	S up to 2TL
Brome		S up to GS24	Nightshade, black	S up to 2TL	S up to 2TL
Chickweed	S up to 2TL	MS up to 10cm	Redshank	S up to 2TL	S up to 2TL
Cleavers		MS germinating	Speedwell spp.	S germinating	S up to 2TL
Fathen	S up to 2TL	S up to 2TL	Volunteer cereals	S up to GS24	S up to GS24
Forget-me-not		MS up to 2TL	Wild oats	S up to GS24	S up to GS24
Knotgrass	S up to 2TL	S up to 2TL			

Weed spectrum: non-label weeds

Weeds	1.5 l/ha	Weeds	1.5 l/ha
Chickweed, mouse-ear	S up to 5 cm	Pansy, field	S up to 2TL
Corn spurrey	S up to 2TL	Ryegrasses	MS up to GS24
Dock seedlings	S up to 2TL		

Key: S – Susceptible, MS – Moderately susceptible, TL – True leaves
 Non-label weed information based on anecdotal or limited data and is only indicative and should not be considered as a recommendation for use on the part of Corteva Agriscience. The user assumes full responsibility for use on these weeds.

Application guidance

Right RATE



- Assess BG population and select appropriate dose
- 750g ai/ha good control
- 850g ai/ha gives more robust control especially in heavy blackgrass populations

Right CONDITIONS



- It's important to get a good residual layer for robust control
- Apply when soil temperatures are declining - use Kerb Weather Data
- Ensure sufficient soil moisture

Right TIME



- Very late applications to established BG can give poorer results
- The best time to apply is when soil temperature is declining, normally end October – November

Symptoms



Affected weeds that have emerged will slow or stop growth and initially look stunted, followed by chlorosis and necrosis. Full control of the grass weed could take up to 12 weeks to manifest itself.

Water protection

If at least 5 of the following criteria are met, then the risks to water from propyzamide 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.
- Growers should also consider the benefits of introducing a companion crop to reduce run-off and areas of bare soil.
- Download the Arable App for in-season Kerb weather data application advice. <https://www.corteva.co.uk/tools-and-advice/app-downloads.html>.