

HERBICIDE

Astrokerb is a herbicide used for the control of both grassweeds and broad-leaved weeds including mayweed and poppy in winter oilseed rape.

Key facts

Product Registration Number:	MAPP No. 16184
Active Ingredient:	5.3g/L aminopyralid + 500g/L propyzamide, HRAC Group 3 and 4 Herbicides
Pack Size:	10L
Formulation:	Suspension Concentrate
Maximum Total Dose:	1.7L/ha
Maximum No. of Treatments:	One per crop
Application Timing:	Before 1 st February in the year of harvest
Water Volumes:	200-300L/ha
Spray Quality:	Medium as defined by BCPC
Buffer Zone:	No LERAP restrictions
Rainfastness:	1 hour

Best use advice

- Applications can be made from 1st October when the crop has 3 true leaves.
- Use full rate of 1.7L/ha for difficult blackgrass and ryegrass situations.
- May be applied at 1.0L/ha or 1.5L/ha to suit weed size and spectrum (only use 1.0L/ha rate when a specific graminicide has controlled volunteer cereals and chickweed is not a problem).
- Astrokerb 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.
- Astrokerb can be applied in frosty conditions but run off should be avoided.
- Astrokerb should not be used on soils containing >10% organic matter.
- DO NOT remove oilseed rape straw from the field unless it is to be used for heat or electricity production.
- Best results will be achieved on OSR crops established via non-inversion cultivations
 - Propyzamide is most active on weeds germinating in the upper 5cm of the soil profile.
- Use Astrokerb where intended. Following crops are winter or spring cereals only. Ploughing recommended.
- Addition of aminopyralid offers improved control of several weeds including mayweed, poppy and thistle.

Tank mixing

- Where populations of blackgrass, ryegrass and/or volunteer cereals exceed 50 per m², apply Astrokerb as part of a programme, following or in a tank-mix with an effective approved graminicide. Refer to <https://www.corteva.co.uk/tools-and-advice/tank-mix.html> for further information on tank mix partners.
- Use in a tank-mix with Belkar, or in a programme with a spring application of Korvetto will help improve control of certain broad-leaved weeds, i.e., cranesbill.

Key benefits

- Superb grassweed control including blackgrass, ryegrass, sterile brome, wild oats, volunteer cereals and annual meadow grass.
- Enhanced performance on key broad-leaved weeds including mayweed and poppy.
- Ideal for use on oilseed rape crops ahead of winter or spring cereals.
- No known weed resistance – use Astrokerb to help clean up any key weeds across the rotation.

Application guidance

- Previous & historical work shows the importance of soil temperature and dose rate.
- Trials have been repeated over the last two years which have shown similar results.
- It is still important to get a good residual layer for robust control.
- However, 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.
- 750g ai/ha provides good control.
- 840g ai/ha gives more robust control especially in heavy blackgrass populations.
- Increased efficiency with a programmed approach.

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.

Weed spectrum: label weeds

Weeds	1L/ha	1.5L/ha	Weeds	1L/ha	1.5L/ha
Black bindweed	S up to 2TL	S up to 2TL	Mayweed		S before flowering
Black nightshade	S up to 2TL	S up to 2TL	Meadow grasses	S before flowering	S before flowering
Blackgrass		MS up to GS24	Nettle, small	S up to 2 TL	S up to 2TL
Brome		S up to GS24	Poppy		S before flowering
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
Fat hen	S up to 2TL	S up to 2TL	Volunteer cereals	S up to GS24	S up to GS24
Forget-me not, field		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	1.5L/ha	Weeds	1.5L/ha
Cranesbill	MS up to 4 TL	Ryegrasses	MS up to GS24
Dock seedlings	S up to 4 TL	Thistles	S up to 10cm
Groundsel	S up to 6TL	Volunteer beans	S up to tillering
Pansy, field	S up to 4TL		

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.

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