

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 16184
Active Ingredient:	5.3g/litre Aminopyralid + 500g/litre Propyzamide (HRAC group K1 and O herbicides)
Pack size:	10 L
Formulation:	Suspension Concentrate
Maximum Individual Dose:	1.7 L/ha- the blackgrass rate. In other situations use 1.5L/ha
Maximum Total Dose:	One per crop
Latest Timing:	Before 1 st Feb in the year of harvest
Water Volumes:	200-300 L/ha
Spray Quality:	Medium as defined by BCPC
Buffer Zone:	No LERAP restrictions.

Best Use Advice

- Applications can be made from 1 October when the crop has 3 true leaves.
- Use full rate of 1.7L/ha for difficult blackgrass 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 5cms of the soil profile.
- Use Astrokerb where intended following crops are winter or spring cereals only.

Tank Mixing

- Where populations of blackgrass and/or volunteer cereals exceed 50 per m² apply Astrokerb as part of a programme following or in 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.

Water Protection

Ensure at least 4 of the following are met before application:

- Field drains are not running and not likely to for 7 days.
- Field slope less than 5%.
- Not bordered by a watercourse or field has a 6m grass buffer strip.
- Not subsoiled below the plough layer.
- Not mole drained in the past 6 months.
- No risk of rain in the next 48 hours.

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.

Weed Spectrum- Label Weeds

	1.0 L/ha		1.5L/ha			1.0 L/ha		1.5 L/ha	
	Up to 2 leaves	Estab-lished	Up to 2 leaves	Estab-lished		Up to 2 leaves	Estab-lished	Up to 2 leaves	Estab-lished
Annual meadowgrass	S	S	S	S	Forget-me-not	-	-	MS	R
Barren brome	-	-	S	S	Knotgrass	S	R	S	MR
Black bindweed	S	R	S	MR	Mayweed	-	-	S	S
Black nightshade	S	R	S	MR	Redshank	S	R	S	MR
Blackgrass*	-	-	S	MS	Small nettle	S	R	S	MR
Cleavers**	-	-	MR	R	Speedwells***	R	R	S	MR
Common chickweed	S	R	S	S ¹	Vol. cereals	S	S	S	S
Common poppy	-	-	S	S	Wild oats	S	S	S	S
Fat hen	S	R	S	MR					

Key: S - Susceptible, MS - Moderately Susceptible, MR - Moderately Resistant R - Resistant, *Use full rate of 1.7 L/ha for difficult blackgrass populations, **Germinating cleavers are MS, ***Germinating speedwells are S, ¹Chickweed control may be reduced where it is well established (over 10 cm diameter).

Weed Spectrum Non-label Weeds

	1.5 L/ha
Groundsel	6 TL
Sow thistle	6 TL
Pansy	2 TL

Key: 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.

Weed Sizes

- Astrokerb applied at 1.5L/ha or 1.7L/ha will give very good control of small (2-3 true leaves) mayweed, poppy, chickweed, groundsel and pansy
- Astrokerb applied at 1.7 L/ha will provide increased control of mayweed and poppy (up to 8 true leaves) and chickweed (up to 5 branches).
- Control of groundsel drops off after 6 true leaf stage but is very good earlier.
- Data based on 3 years of trials results.

