

Technical Information Sheet

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

Key facts

Product Registration Number:	PCS No 05322
Active Ingredient:	5.3 g/litre aminopyralid + 500 g/litre propyzamide (HRAC Group 3 & 4 Herbicides)
Pack Size:	10 litres
Formulation:	Suspension Concentrate (SC)
Maximum Individual Dose:	1.7 l/ha - the black-grass rate. In other situations, use 1.5 l/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.
Rainfastness:	1 hour

Best use advice

- Applications can be made from 1st October when the crop has 3 true leaves.
- Use full rate of 1.7 l/ha for difficult black-grass situations.
- May be applied at 1.0 l/ha or 1.5 l/ha to suit weed size and spectrum (only use 1.0 l/ha rate when a specific graminicide has controlled volunteer cereals and chickweed is not a problem).
- Astrokerb is best applied when soil temperatures at 30 cm 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 in OSR crops established via non-inversion cultivations
 - Propyzamide is most active on weeds germinating in the upper 5 cms of the soil profile.
- Use Astrokerb where intended following crops are winter or spring cereals only.
- Addition of aminopyralid offers improved control of several weeds including mayweed, poppy and thistle.

Key benefits

- Superb grass weed control including black-grass, 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.

Tank mixing

- Where populations of black-grass 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.ie/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. This will help improve control of certain broad-leaved weeds, i.e., cranesbill.

Weed spectrum - label weeds

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

Key:

	Susceptible		Moderately susceptible
	Moderately resistant		Resistant

*Use full rate of 1.7 l/ha for difficult black-grass 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

Key: TL = true leaves	1.5 l/ha
Groundsel	S up to 6TL
Sow thistle	S up to 4TL
Pansy	S up to 4TL

Any recommendation for off-label control 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 1.5 l/ha or 1.7 l/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.

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.
- Not subsoiled below the plough layer.
- Field slope less than 5%.
- Not mole drained in the past 6 months.
- Not bordered by a watercourse or field has a 6m grass buffer strip.
- No risk of rain in the next 48 hours.