

Key Facts

Product Registration Number:	MAPP 16184
Active Ingredient:	500 g/litre propyzamide + 5.3 g/litre aminopyralid
Pack Size:	10.0 Litres
Formulation:	Suspension Concentrate
Maximum Individual Dose:	1.7 L/ha – the blackgrass 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 the BCPC
LERAP:	None

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 blackgrass situations
- May be applied at 1.0 L/ha or 1.5 L/ha to suit weed size and spectrum (see table below)
 - Only use 1.0 L/ha rate where 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
 - Optimal conditions are monitored via ASTROKerb weather data:
<http://uk.dowagro.com/#kerb>
- 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 burning 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 5 cm of the soil profile
- Use ASTROKerb where intended following crops are winter or spring cereals only

WATER PROTECTION

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

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

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 <http://uk.dowagro.com/tank-mix-information/> for further information on compatible tank mix partners

KEY BENEFITS

- Superb grassweed control including blackgrass, ryegrass, sterile brome, wild oats, volunteer cereals and annual meadowgrass
- 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 key weeds across the rotation



ASTROKERB

For Control of Grassweeds and Broad-leaved Weeds including Mayweed and Poppy in Winter Oilseed Rape

Weed Spectrum – label weeds

	1.0 L/ha		1.5 L/ha			1.0 L/ha		1.5 L/ha	
	Up to 2 leaves	Established	Up to 2 leaves	Established		Up to 2 leaves	Established	Up to 2 leaves	Established
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

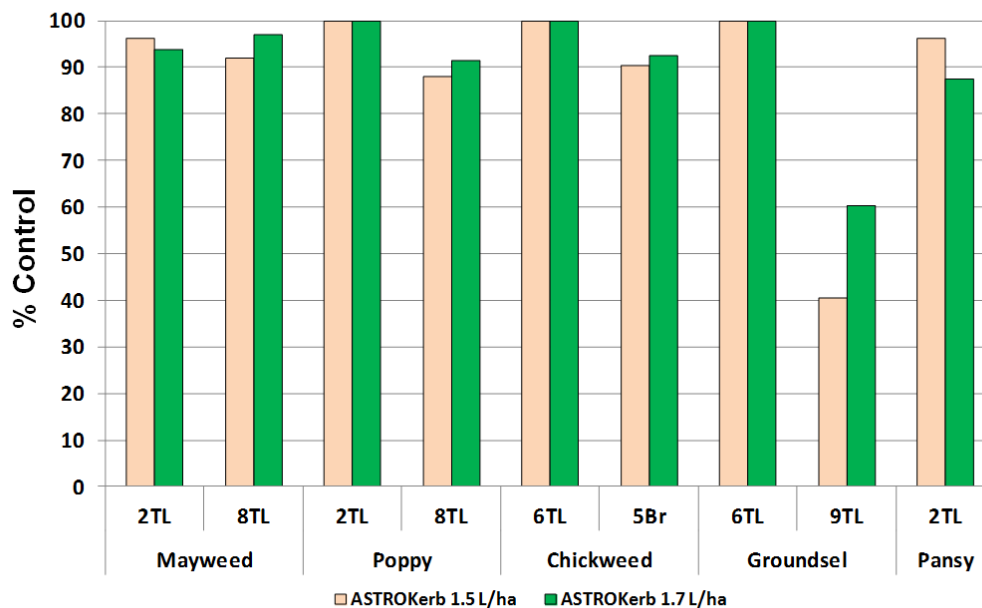
Non-label weeds listed as an indication of the effect that would be expected to be achieved based on limited data. These are not recommendations; just an indication of what effects might be achieved.

Weed Sizes

- In general, ASTROKerb applied at 1.5 L/ha or 1.7 L/ha will give very good control of small (2-4 true leaves) mayweed, poppy, chickweed, groundsel and pansy.
- When applied at 1.7 L/ha, ASTROKerb can give high levels of control of mayweed and poppy (up to 8 true leaves), and chickweed (up to 5 branches).
- Control of groundsel falls off after the 6 true leaf stage, but is very good earlier.

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Weed Size Data



15 trials over 3 years

TL = true leaves

BR = branches



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