

Better weed control for higher yields

Magister® CS
HERBICIDE

Weed pressure can rob yields in many forage crops. Maximise yields with the use of Magister® herbicide as a pre-emergent option.

Active Ingredient

360 g clomazone in the form of a capsule suspension.

Better weed control in Fodder beet, Forage brassicas and other crops.

GROUP F3 HERBICIDE

Features

- Short residual herbicide that causes bleaching or whitening on susceptible plants for good weed control.
- A systemic herbicide taken up through roots and emerging shoots of weeds.
- Controls tough weeds.
- Highly compatible with other major herbicides used as a tank mix or in sequence.

Benefits

- Control weeds before they compete with the crop.
- Helps control hard to kill weeds including: Wireweed, Willow weed, Cornbind, Cleavers, Shepherd's Purse.
- Complements other pre-emergence tank mix partners.
- Cost Effective.

Getting the best out of Magister® CS

- Magister must be applied pre-emergence with a tank mix partner such as Nortron*.
- Other registered pre-emergence partners such as Chloronion* can also be tank mixed with Magister® CS.
- Good seedbed preparation is critical, followed by a robust post-emergence weed control programme based on the site and weeds present.
- Optimum crop yield is set up at an early stage with effective weed control.

- Fodder beet is a slow starter. Give the crop the best possible start with Magister® CS in a weed control programme. If the paddock is known to be a Wild Turnip site then the addition of Chloronion* at label rates pre-emergence is recommended. Chloronion* can also be used with other post-emergence partners, apply in accordance with the label.

SUSCEPTIBLE WEEDS	MODERATELY SUSCEPTIBLE	RESISTANT
Barnyard grass	Black nightshade	Clovers
Chickweed	Fathen (if moisture available)	Docks
Cleavers	Fumitory	Field Pansy
Cornbind	Mallows	Mayweeds
Groundsel	Redroot	Oxalis
Henbit	Spurry (Yarr)	
Portulaca	Willow weed	
Shepherd's purse		
Sowthistle		
Speedwells		
Summer grass		
Twin cress		
Wireweed		

This weed spectrum increases when used with other pre-emergence partners (subject to rate, soil type and adequate moisture to activate Magister® CS).

Susceptible weeds will not be controlled if: emerged before treatment, growing on old root systems or they emerge through untreated soil (open drill slots, growing from under soil colds).



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CROP	RATE	CRITICAL COMMENTS
Fodder Beet	150-200 mL/ha	Apply pre-emergence of the crop and weeds. Follow up with a post-emergence program. May be tank mixed with Ethofumesate or other Pre-emergence herbicides. Use the low rate on light soils. Use the high rate on heavier soils. Refer to 'Soil Type' notes and precautions above.
Forage and Seed Brassicas, Kale, Swede, Forage & Oil Seed Rape and spring and summer sown Turnip & Turnip related crops e.g. Pasja.		
Direct drilled	250 mL - 330 mL/ha	To enhance crop establishment and reduce the need for post emergence herbicide treatments, add to the last glyphosate treatment applied before sowing. 350 – 500 mL/ha. Monarch* may be added to improve the spectrum of weeds controlled. Moisture after application is critical to activate Magister® CS. Soil type and the availability of moisture will affect the degree and spectrum of weed control. A post emergence herbicide treatment may be required.
Drilled – cultivated ground	250 mL - 330 mL/ha	Ensure the seedbed is moist, firm and free from clods. Apply after drilling and before crop emergence in combination with suitable partner (e.g. 350 - 500 mL/ha Monarch*). Rainfall or irrigation after treatment will improve weed control.
Pre-plant soil incorporated	400 mL/ha	Apply in mixture with trifluralin and incorporate before drilling. Ensure even incorporation using a Dutch Harrow or discs set to a fine cut. Avoid sprayer overlaps.
Ridged seed bed	400 mL/ha	Application of pre-emergence herbicides prior to Ridging is common practice, but results in very uneven distribution of the herbicides between and within the ridges. Poor and patchy weed control can result. If this application method is adopted, use of a Cambridge roller to compact the ridge tops is recommended to optimise soil moisture retention and reduce aerated soil conditions. Best practice: Apply pre-emergence after ridging: Apply in combination with a suitable partner (e.g. Frontier®, trifluralin* or 350 - 500 mL/ha Monarch*) as soon as possible following ridging of the crop and before crop and weed emergence. Use of a Cambridge roller to compact ridge tops is recommended prior to herbicide application. To improve evenness of coverage, adjust spray boom to ensure that the nozzle overlap is focused at the top of the ridged soil.
Surface seeding Forage and Oilseed Rape	250 mL - 330 mL/ha	To reduce post emergence weed pressure Magister® CS may be applied pre-broadcast sowing of seed. Seed may be sown once spray has dried. The addition of glyphosate is recommended to control established growth. Moisture (13 mm) is required to fully activate Magister® CS and to promote germination of seed.

Magister® CS is not recommended for use on Turnip species when Autumn sown and subject to cold slow growing conditions. Use of Magister® CS on other Brassicas, not mentioned above, is not recommended as crop damage from Magister® CS may occur. Do not apply to mustard. NOT YET TESTED ON SEED CROPS.

**Need help? Contact FMC Agricultural Solutions New Zealand Phone: 0800 658 080
Northern Hayden Toy Mobile: 0274 424 990 Southern Stan McKay Mobile: 0274 323 222**

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