Gartrel®
HERBICIDE

Technical Information Sheet

Gartrel is a herbicide used for the control of broad leaved weeds in winter and spring wheat, barley, rye triticale, durum wheat, spelt and spring oats.

Key facts

Product Registration Number:	PCS 05583
Active Ingredient:	300g/litre Clopyralid and 25g/litre Florasulam
Pack size:	1 L
Formulation:	Suspension Concentrate
Maximum Individual Dose:	0.2L/ha
Maximum Total Dose:	0.2 L/ha
Latest Timing:	GS39 (inclusive) in winter wheat, winter barley, spring wheat, spring barley GS32 (inclusive) in winter rye, winter triticale, winter spelt GS30 (inclusive) in spring oats, durum wheat
Water Volumes:	100-250L/ha
Spray Quality:	Medium as defined by BCPC
Nozzles:	Flat Fan, Variable Pressure Flat Fan, Pre-Orifice, Air Inclusion, Airtec
Buffer Zone:	5m reducible buffer zone (1m dry ditches)

Product Benefits

- **Controls ALS resistant mayweed and chickweed**
- **Excellent control of a wide range of broad leaved weeds in spring and winter cereals**
- **Excellent crop selectivity in winter and spring cereals**
- **Provides rotational and cultivation flexibility**
- **Gartrel provides outstanding tank mix compatibility.**
- **Gartrel provides ALS joint application flexibility.**

Best Use Advice

- **Applications of Gartrel can be made from 3 leaf stage of the crop (BBCH13)**
- **Applications of Gartrel can only be made to winter cereals after 1st February in the year of harvest, and spring cereals after 1st March in the year of harvest**
- **Apply Gartrel when weeds are actively growing. Do not roll or harrow for 7 days before or after application**

CORTEVA™ agriscience

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Gartrel contains Clopyralid and Florasulam.
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Following Crops

- **The following crops may be planted in the same calendar year as a crop treated with Gartrel is harvested (i.e the autumn): winter wheat, winter barley, winter rye, winter triticale, winter spelt, winter OSR, vegetable brassicas as transplants, grass**
- **The following crops may be planted in the calander year following a treatment with Gartrel (i.e the spring): All of the above plus spring cereals, field beans, spring OSR, potatoes, forage maize, grass/ clover ley, linseed, peas, sugar beet.**

Weed Spectrum

	0.15 L/ha	0.2 L/ha		0.15 L/ha	0.2 L/ha		0.15 L/ha	0.2 L/ha
Black Bindweed	4 etl	100 mm	Hedge Mustard	4 etl	100 mm	Shepherd's needle	4 etl	100 mm
Black Nightshade	MS	50 mm	Hempnettle	4 etl	4etl	**Shepherd's purse**	4 etl	100 mm
Charlock	6 etl	BFBV	Henbit Deadnettle	T	T	Small Nettle		MS
Chickweed	50 mm	flowering	Knotgrass	MS	MS	Sow Thistle	4 etl	6 etl
Cleavers	100 mm	200 mm	Marigold	4 etl	rosette	Speedwells	T	T
Clover	MS	100 mm	**Mayweeds**	rosette	BFBV	Spurrey	MS	2 etl
Cornflower	4 etl	4 etl	Nipplewort	4 etl	4etl	Sun Spurge	MS	MS
Cranesbills	T	T	Orache	T	T	Thale Cress		6 etl
Creeping Thistle	4 etl	rosette	Parsley Piert	50 mm	100 mm	Vol Beans	6 etl	BFBV
Docks from seed	MS	MS	Pale Persicaria	2 etl	4 etl	Vol Borage	4 etl	4 etl
Fat Hen	T	T	Pansy	T	T	**Vol OSR**	6 etl	BFBV
Fools Parsley	MS	MS	**Poppy***	MS	100 mm	Vol Peas	6 etl	BFBV
Forget me not	50 mm	100 mm	Redshank	2 etl	2 etl	Vol Potatoes	MS	MS
Fumitory	T	T	Red Deadnettle	T	T	Weed Beet	2 etl	6 etl
Groundsel	4 etl	BFBV	Scarlet Pimpernel		MS	**Wild Radish**	4 etl	100 mm

Key: bold - label weeds, etl - established true leaves; BFBV - before flower buds visible; MS - Moderately Susceptible, T - Tolerant

***Requires addition of an MSO adjuvant.**

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.