

Technical Information Sheet

Thistlex is for control of creeping thistle and spear thistle in established grassland.

Key facts

Product Registration Number:	MAPP 19876 (replaces 16123)
Active Ingredient:	200 g/litre clopyralid + 200 g/litre triclopyr
Pack size:	3.0 L
Formulation:	Solution concentrate
Maximum Individual Dose:	1.0 L/ha
Maximum Total Dose:	1.0 L/ha
Latest Timing:	7 days before grazing or cutting
Water Volumes:	200-400L/ha using conventional flat fan nozzles. Down to 200L/ha in all situations where 3* low drift nozzles are used.
Spray Quality:	Medium as defined by BCPC
Buffer Zone:	LERAP B

Key benefits

- Outstanding control of creeping thistle and spear thistle.
- Has additional activity against common nettle, dandelion & additional broad-leaved weeds (see table on reverse).
- Suitable for use in grazed grassland.
- Grazing can resume 7 days after application – This may need to be longer if foliage of poisonous weeds is present.
- Thistlex is translocated to the roots meaning long term control.
- Rainfast in 2 hours with excellent grass safety.

Best use advice

- Single application per year supported – Only apply between 1 March and 31 October.
- Should only be used on grassland that is >12 months old.
- For best results apply when thistles are actively growing and have reached the rosette stage:



Too early



Just right
Rosette (up to 200 mm high)



Too late

- If the thistles reach flowering stage, it is likely that translocation to the roots will be significantly reduced, resulting in top-kill only. Cut the thistles and spray 2-3 weeks later.
- Apply Thistlex at a dose rate of 1.0 L/ha in 200-400 L/ha of water. Higher water rates should be used where weeds are large or where grass cover is dense.

- Thistlex can be applied via a boom quad bike sprayer at a rate of 50 ml in 10 L water. 250 ml in 50 L water will cover an area of 2,500 m².
- The label prohibits the use of Thistlex via hand-held equipment.
- Grass or clover can be stitched in 6 weeks after application.
- After application of Thistlex livestock should be excluded for at least 7 days and an interval of at least 3 weeks should be observed before cutting.
- Thistlex should not be tank mixed with phenoxy herbicides – this may compromise translocation of Thistlex down into the roots.

Stewardship

- Labels have now changed for clopyralid containing products used on grassland (broadacre treatments). Any such products covered by the previous MAPP numbers, and which are already on farm, can be used until 31st October 2023. The changes on the new labels are important and we would ask that the restrictions of the new MAPP labels are observed and used for the previous labels too.
- This update is happening to mitigate against the risk of herbicide residues ending up in manures and composts which might be used where sensitive plants are grown. More details can be found in a dedicated Topic Sheet, in our Corteva Forage App, or by scanning the QR code below.



Weed Spectrum

Annual Weeds	Annual Weeds							Perennial Weeds	Perennial Weeds							
	Doxstar Pro 2L/ha	Envy 1.5L/ha	Forefront 1.2L/ha	Grazon Pro 60ml/10L	Leystar 1L/ha	Pas-Tor 1L+1L/ha	Thistlex 1L/ha		Doxstar Pro 2L/ha	Envy 1.5L/ha	Envy 2L/ha	Forefront 1.2L/ha	Grazon Pro 60ml/10L	Leystar 1L/ha	Leystar 2L/ha	Pas-Tor 1L+1L/ha
Bindweed (black)	◆ 6TL/50mm	◆ 4TL	◆	◆	◆ 4TL	◆	◆	Bindweed (field)	◆		◆	◆		◆	◆	
Bristly ox-tongue	◆		◆	◆	◆	◆		Bracken			◆ 1m					
Charlock	◆ 2TL	200mm			4TL	◆		Bramble	◆			◆			◆	◆
Chickweed	◆ B4	B4	◆	◆	100mm/B4	◆	◆ <100mm	Broom	◆			◆			◆	
Cleavers	◆ B4	B4	◆		200mm	◆		Burdock	◆			◆				
Corn chamomile	◆	◆ 150mm		◆	◆ 150mm	◆	◆	Buttercups	◆		B4	◆	From seed	Rosette	◆	
Corn marigold		◆ 6TL		◆	◆	◆	◆	Cinquefoil (creeping)			◆			◆		
Cranesbill	◆		◆	◆		◆		Clover, trefoil	◆	◆	◆	◆	◆	◆	◆	◆
Dead-nettles	◆ 4TL/50mm	◆ 2TL	◆	◆	◆ 2TL	◆		Coltsfoot	◆			◆	◆	◆	◆	
Fat-hen	◆ 2TL	◆ 2TL	◆ 2TL	◆ 2TL	◆ 2TL	◆ 2TL	◆ 2TL	Cow parsley				◆	◆		◆	
Fool's parsley	◆		◆	◆				Daisy (common)	◆			◆ 2TL/25mm	◆		◆	
Forget-me-not	◆ 4TL	4TL	◆		4TL	◆		Daisy (ox-eye)				◆		◆		
Fumitory	◆ 2TL/50mm	◆ 2TL	◆		◆ 2TL	◆		Dandelion	◆		B4	B4	◆	Rosette	◆	◆
Groundsel		◆ 2TL	◆	◆	◆ 2TL	◆	◆	Docks	200mm	◆	◆ 200mm	Rosette <250mm		◆	200mm	200mm
Hemp-nettle	◆	◆ 6TL/100mm			◆ 4TL	◆		Gorse	◆						◆	
Himalayan balsam				◆		◆		Ground elder	◆			◆			◆	
Knotgrass	◆ 2TL	6TL	◆ 4TL	◆ 4TL	◆ 4TL	◆ 4TL		Ground ivy	◆						◆	
Mayweeds	◆	<200mm	◆	◆	<200mm	◆	◆ <4TL	Hawthorn	◆			◆	◆		◆	
Nettle (small)	◆ 100mm		◆			◆		Hemlock			◆	◆	◆		◆	
Nightshade (black)	◆ 6TL/100mm	◆ <4TL	◆	◆	◆	◆		Hogweed	◆			◆	◆		◆	
Orache			◆					Horsetail (Equisetum)			◆		◆		◆	
Pale persicaria	◆	◆ 2TL	◆	◆	◆ 2TL	◆		Japanese knotweed				◆ <1m high	◆ <1m high			
Poppy		<4TL	◆		◆ 4TL	◆		Knapweed (common)			◆	◆	◆		◆	◆
Redshank		◆ 2TL			◆ 2TL	◆		Lesser celandine	◆			◆	◆		◆	
Scarlet pimpernel	◆		◆	◆				Mallow (common)			◆	◆			◆	
Shepherd's-purse	◆ 2TL/50mm	<4TL	◆	◆	<4TL	◆		Medic (black)	◆			◆	◆			
Speedwells			◆					Mugwort (common)	◆			◆	◆		◆	
Spurrey		◆ 2TL			◆ 2TL	◆		Nettle (common)	◆		◆	<300mm	B4		◆	◆
Wild radish	◆ 2TL	◆ <6TL/80mm			◆ <4TL/50mm	◆		Old man's beard			◆					
Yellow rattle			◆	◆				Plantain (greater)	◆		◆	◆		Rosette	◆	
								Plantain (ribwort)	◆		◆	◆		Rosette		
								Ragwort				Rosette <200mm	◆			
								Rosebay willowherb	◆			◆	◆		◆	
								Rushes								
								Self-heal				◆	◆			
								Silverweed				◆	◆			
								Sorrel (common)	◆		◆	◆	◆		◆	◆
								Thistles				Rosette <250mm	Rosette 4-10TL 150mm	1TL	◆	Rosette 150-250mm
								Vetch, tare	◆	◆	◆	◆	◆	◆	◆	◆
								Yarrow	◆	◆	◆	◆	◆	◆	◆	
								Yellow/Flag Iris				◆	◆			

Key			
◆	Good control	◆	Anecdotal or limited information
◆ TL	Moderate control	TL	True leaf
◆ B4	Some control	B4	Before flowering
◆	No control	◆	Seedling
	No Information		

Where we have knowledge of how our products might affect weeds, we have detailed it in these tables. ◆ indicates 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.