

# Technical Information Sheet

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

### Key facts

Product Registration Number:	MAPP 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:	200–400 L/ha. Can be reduced down to 200 L/ha with low drift nozzles
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 and additional broad-leaved weeds (see table on reverse)
- Suitable for use in silage fields, hay meadows and grazing pastures
- 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
  - Applications should only be made 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 are too big cut grass and apply 2–3 weeks later to the re-growth
- Apply Thistlex at a dose rate of 1.0 L/ha in 200 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 m<sup>2</sup>
- The label prohibits the use of Thistlex via hand-held equipment
- Allow 2–3 weeks after cutting or grazing before applications of Thistlex are made to allow sufficient re-growth
- 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 to the roots.

Weed Spectrum

Annual Weeds	Doxstar Pro 2L/ha	Envy 1.5L/ha	Forefront T 2L/ha	Grazon Pro 60ml/10L	Leystar 1L/ha	Pas-Tor 1L+1L/ha	Thistlex 1L/ha	Perennial Weeds	Doxstar Pro 2L/ha	Envy 1.5L/ha	Envy 2L/ha	Forefront T 2L/ha	Grazon Pro 60ml/10L	Leystar 1L/ha	Leystar 2L/ha	Pas-Tor 1L+1L/ha	Thistlex 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 / 100mm	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 (giant)	◆			◆	◆			◆	
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	◆		Medick (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	Rosette 150-250mm
								Vetch, tare	◆	◆	◆	◆	◆	◆	◆	◆	◆
								Yarrow	◆	◆	◆	◆	◆	◆	◆		
								Yellow/Flag Iris				◆	◆				

Key

	Good control	◆	Anecdotal or limited information
	Moderate control	T L	True leaf
	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.