

# Technical Information Sheet



Pas-Tor Agronomy Pack is for control of a range of perennial weeds in established grassland.

## Key facts

Product Registration No:	Pas: MAPP 17772, Tor: MAPP 17777
Active Ingredients:	Pas: 150 g/L fluroxypyr + 150 g/L triclopyr; Tor: 200 g/L clopyralid + 200 g/L triclopyr
Box size:	1 x 2.0 litres Pas + 1 x 2.0 litres Tor
Formulation:	Pas Emulsifiable Concentrate, Tor Solution Concentrate
Maximum Individual Dose:	Pas 2.0 L/ha, Tor 1.0 L/ha
Maximum Total Dose:	Pas 2.0 L/ha, Tor 1.0 L/ha
Latest Timing:	7 days before grazing or harvest
Water Volumes:	Use 300–400L/ha using conventional flat fan nozzles
Spray Quality:	Medium as defined by BCPC
Buffer Zone:	LERAP B

## Key benefits

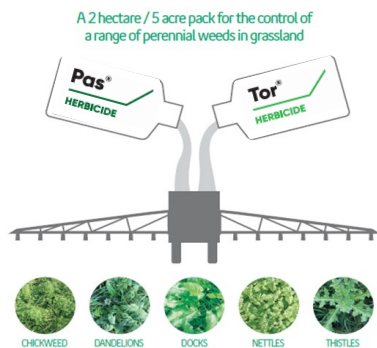
- Excellent perennial weed control in one convenient box.

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 Excellent Dock control  
 Excellent Thistle control  
 Excellent Nettle control

- Pas and Tor are translocated to the roots ensuring long-term control.
- Suitable for use in grazed grassland.
- Stock grazing can resume 7 days after application – this may need to be longer if foliage of poisonous weeds is present.
- Won't hold back grass growth after application.
- Rainfast in 2 hour.

## Best use advice

- For broad spectrum weed control use 1.0 L/ha Pas + 1.0 L/ha Tor.



Pas and Tor are physically compatible and can be applied as a convenience tank mix when each is mixed together at 1.0 l/ha

- Only use in established grassland >12 months old.
- For best results apply to actively growing, healthy weeds at the optimum growth stage.
- If weeds grow beyond ideal stage, consider cutting the sward and spraying the re-growth – allow 2–3 weeks after cutting before applications of Pas-Tor are made to allow sufficient re-growth.

- Pas-Tor can be applied via spray boom mounted on quad bike/ATV.
- Clover can be stitched in 6 weeks after application.
- Grass seed can be stitched 4 weeks after application.
- Grazing can resume 7 days after application – this may need to be longer if foliage of poisonous weeds is present.
- Allow an interval of minimum 21 days, ideally 28 days before cutting.
- Do not mix with phenoxy herbicides – this may compromise translocation of Pas-Tor down into the roots

## Stewardship

- All authorisations of products containing clopyralid with a label use for broadacre treatments on grassland will have new restrictions to preclude use on grass that will be zero grazed or used to make silage, hay or haylage. Labels will begin to change during 2022 and certainly from 1st January 2023. 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.
- We do ask that you avoid use of Pas-Tor on grass to make hay in 2022 where the resulting hay leaves the farm of origin. More details can be found in a dedicated Topic Sheet, in our FarmMoreForage App, or by scanning the QR code below.



# Weed Spectrum

Annual Weeds	Doxstar Pro 2L/ha	Envy 15L/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 15L/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.