

Technical Information Sheet

Doxstar Pro is for control of docks in established grassland.

Key facts

Product Registration Number:	MAPP 15664
Active Ingredient:	150 g/litre fluroxypyr + 150 g/litre triclopyr
Pack size:	2.0 L
Formulation:	Emulsifiable concentrate
Maximum Individual Dose:	2.0 L/ha
Maximum Total Dose:	2.0 L/ha
Latest Timing:	7 days before grazing or cutting
Water Volumes:	300-400 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

- Excellent control of broadleaved dock and curled dock in established grassland
- Doxstar Pro is translocated to the roots ensuring long-term control
- Use in silage fields, hay meadows and grazing pastures for significant benefits in both yield and forage palatability
- 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 hours.

Best use advice

- For use only in established grassland (>12 months).
- For best results apply when docks are actively growing and at the optimum growth stage:



Too early



Just right
Rosette (150-250 mm)



Too late

- Apply at 2.0 L/ha for the control of broadleaved docks and curled docks in addition to a wide range of annual and perennial weeds.
- Use at least 300 L/ha of water or 400 L/ha of water where weeds are large or where grass cover is dense
 - Water volumes can be reduced down to 200 L/ha if using low drift nozzles.
- Allow 2-3 weeks after cutting before applications of Doxstar Pro are made to allow sufficient re-growth.
- Clover can be stitched in as soon as 6 weeks after application. Grass seed can be stitched in 4 weeks after application.
- After application, livestock must be excluded for at least 7 days and an interval of at least 28 days should be observed before cutting.
- DO NOT mix with phenoxy herbicides – this may compromise translocation of Doxstar Pro to the roots.

Weed Spectrum

Where we have knowledge of how our products might affect other grassland weeds we have detailed it in the following tables. These are not recommendations; just an indication of what effects might be achieved. ▲ indicates information based on anecdotal or limited data, and as such the user bears the risk in respect of failures concerning the efficacy and phytotoxicity.

	Doxstar Pro	Envy 1.5 L	Forefront T	Grazon Pro	Leystar 1 L	Pas-Tor 1L+1L	Thistlex		Doxstar Pro	Envy 2 L	Forefront T	Grazon Pro	Leystar 2 L	Pas-Tor 1L+1L	Thistlex
Bindweed (black)	▲✓✓✓	▲✓✓✓	▲✓✓✓	▲✓✓✓	▲✓✓	▲✓✓✓	▲✓✓	Bindweed (field)	▲✓✓✓	▲✓✓✓	▲✓✓✓	▲✓✓✓	▲✓✓	▲✓✓✓	-
Bristly ox-tongue	▲✓✓	-	▲✓✓✓	▲✓✓	-	▲✓✓✓	-	Bramble	▲✓✓	▲✓✓	▲✓✓✓	✓✓✓	▲✓✓	▲✓✓	▲✓
Charlock	▲✓✓	✓✓✓	-	-	✓✓✓ ¹	▲✓✓	-	Broom	▲✓✓✓	x	▲✓✓	✓✓✓	x	▲✓✓✓	-
Chickweed	▲✓✓✓	✓✓✓	▲✓✓✓	▲✓✓✓	▲✓✓✓	▲✓✓✓	▲✓✓	Burdock	▲✓✓	-	▲✓✓✓	-	-	-	-
Cleavers	▲✓✓✓	✓✓✓	▲✓✓✓	-	✓✓✓	▲✓✓✓	-	Buttercup	▲✓	✓✓✓	✓✓✓	▲✓	✓✓✓	▲✓	-
Corn chamomile	✓✓	✓✓	▲✓✓✓	▲✓✓✓	▲✓✓✓	▲✓✓✓	▲✓✓✓	Cinquefoil	-	-	▲✓✓✓	-	-	-	-
Corn marigold	-	▲✓✓✓	▲✓✓✓	▲✓✓✓	▲✓✓✓	▲✓✓✓	▲✓✓✓	Clover, trefoil	▲✓✓✓	▲✓✓✓	✓✓✓	▲✓✓✓	✓✓✓	▲✓✓✓	▲✓✓✓
Cranesbill	▲✓✓✓	x	▲✓✓✓	▲✓✓✓	x	▲✓✓✓	-	Coltsfoot	▲✓✓	-	▲✓✓✓	▲✓✓✓	▲✓✓	▲✓✓	-
Dead-nettles	▲✓✓✓	▲✓	▲✓✓✓	▲✓✓✓	▲✓	▲✓✓✓	-	Cow parsley	-	x	▲✓✓	▲✓✓	x	▲✓	-
Fat-hen 2TL	▲✓✓✓	▲✓	▲✓✓✓	▲✓✓✓	▲✓	▲✓✓✓	▲✓✓✓	Daisy (common)	▲✓✓✓	✓✓✓	▲✓✓	▲✓✓	✓✓✓	▲✓✓✓	-
Fool's parsley	▲✓✓	▲✓	▲✓✓	▲✓✓✓	▲✓	-	-	Daisy (ox-eye)	-	-	✓✓✓	-	▲✓	-	-
Forget-me-not	▲✓✓✓	✓✓✓	▲✓✓✓	-	▲✓✓	✓✓✓	-	Dandelion	▲✓✓✓	✓✓✓	✓✓✓	▲✓✓	✓✓✓	▲✓✓✓	▲✓
Fumitory	▲✓✓	▲✓✓	▲✓✓	-	▲✓✓	▲✓✓	-	Docks	✓✓✓	✓✓	✓✓✓	✓✓✓	✓✓	✓✓✓	▲✓
Groundsel	-	▲✓✓	▲✓✓✓	▲✓✓✓	▲✓✓	▲✓✓✓	✓✓✓	Gorse	▲✓✓	x	-	✓✓✓	x	▲✓✓	-
Hemp-nettle	▲✓✓✓	▲✓✓✓	-	-	▲✓✓✓	▲✓✓✓	-	Ground elder	▲✓✓	x	▲✓✓	▲✓✓✓	x	▲✓✓	-
Himalayan balsam	-	-	-	▲✓✓✓	-	▲✓✓✓	-	Ground ivy	▲✓✓✓	-	-	-	-	✓✓✓	-
Knotgrass 4TL	▲✓✓	✓✓✓	▲✓✓	▲✓✓✓	▲✓✓✓	▲✓✓	-	Hawthorn	▲✓✓	x	▲✓✓	▲✓✓✓	x	▲✓✓	-
Mayweed	▲✓	✓✓✓	▲✓✓✓	▲✓✓✓	✓✓✓ ¹	▲✓✓✓	▲✓✓✓	Hemlock	-	▲✓	▲✓✓✓	▲✓✓✓	▲✓	-	-
Medick	▲✓✓✓	-	▲✓✓✓	▲✓✓✓	-	-	-	Hogweed (giant)	▲✓	x	✓✓	▲✓✓✓	x	▲✓✓	-
Nettle (small)	▲✓✓✓	▲✓✓	▲✓✓	-	▲✓✓	▲✓✓✓	-	Horsetail (<i>Equisetum</i>)	-	▲✓	-	✓	▲✓	-	-
Nightshade (black)	▲✓✓✓	▲✓✓	▲✓✓✓	▲✓✓✓	▲✓✓	▲✓✓✓	-	Japanese knotweed	x	x	▲✓✓✓	▲✓✓✓	x	x	x
Orache	-	x	▲✓✓✓	-	x	-	-	Knapweed (common)	-	▲✓	▲✓✓	▲✓✓	▲✓	▲✓✓	▲✓✓
Pale persicaria	▲✓✓✓	▲✓✓	▲✓✓✓	▲✓✓✓	▲✓✓	▲✓✓	-	Lesser celandine	▲✓✓	-	▲✓✓✓	▲✓✓✓	-	▲✓✓	-
Poppy	-	▲✓✓	▲✓✓✓	-	▲✓✓	▲✓✓	-	Mallow	-	▲✓✓	▲✓✓✓	▲✓✓✓	▲✓✓	-	-
Redshank	-	▲✓✓	-	-	▲✓✓	▲✓✓	-	Mugwort	✓✓✓	-	▲✓✓	▲✓✓✓	-	▲✓✓	-
Scarlet pimpernel	▲✓✓✓	▲✓✓	▲✓✓✓	▲✓✓	▲✓✓	-	-	Nettle (common)	▲✓✓	▲✓	✓✓✓	✓✓✓	▲✓	▲✓✓✓	▲✓✓
Shepherd's-purse	▲✓✓	✓✓✓	▲✓✓✓	▲✓✓✓	▲✓✓✓	▲✓✓✓	-	Old man's beard	-	-	▲✓✓✓	-	-	-	-
Speedwells	▲✓	▲✓	▲✓	▲✓	▲✓	-	-	Plantain (greater)	▲✓✓	▲✓✓✓	▲✓✓	▲✓✓	✓✓✓	▲✓✓	-
Spurrey	-	▲✓✓	-	-	▲✓✓	▲✓✓	-	Plantain (ribwort)	▲✓✓	▲✓✓	▲✓✓✓	▲✓✓✓	✓✓✓	-	-
Wild radish	▲✓✓	▲✓✓	-	-	▲✓✓✓	▲✓✓	-	Ragwort	x	x	✓✓✓	▲✓	x	x	x
Yellow rattle	-	-	▲✓✓✓	▲✓✓	-	-	-	Rosebay willowherb	▲✓✓✓	-	▲✓✓✓	▲✓✓✓	-	✓✓✓	-
								Rushes	x	x	x	x	x	x	x
								Self-heal	-	-	▲✓✓✓	▲✓✓✓	-	-	-
								Silverweed	-	-	▲✓✓✓	▲✓✓✓	-	-	-
								Sorrel, common	▲✓✓✓	▲✓✓✓	▲✓✓✓	▲✓✓✓	▲✓✓✓	▲✓✓✓	-
								Thistles	-	x	✓✓✓	✓✓✓	✓✓✓	✓✓✓	✓✓✓
								Vetch, tare	▲✓✓✓	▲✓✓	▲✓✓✓	▲✓✓✓	▲✓✓	▲✓✓✓	▲✓✓✓
								Yarrow	▲✓✓	▲✓✓✓	▲✓✓	▲✓✓	▲✓✓✓	-	-
								Yellow/Flag Iris	-	-	▲✓✓✓	▲✓✓✓	-	-	-

✓✓✓ Good control

- No Information

✓✓ Moderate control

▲ Anecdotal or limited information

✓ Some control

TL True leaf

x No control

¹ One true leaf