

## Key Facts

Product Registration Number:	PCS05182
Active Ingredient:	240 g/litre triclopyr + 60 g/litre clopyralid
Pack Size:	1.0 Litre
Formulation:	Emulsifiable concentrate
Recommended Dose:	60 ml GrazonPro in 10 L water
Maximum Total Dose:	One per year
Latest Timing:	7 days before grazing, Apply between 1 <sup>st</sup> March and 31 <sup>st</sup> October
Water Volumes:	60 ml GrazonPro in 10 L water

## Key Benefits

- Excellent control of broadleaved dock, curled dock, creeping thistle, spear thistle, common nettle, bramble, broom and gorse in established grassland
- GrazonPro also has activity against a number of key annual and perennial weeds encountered in grassland
- Fully approved for hand-held spot treatment
- Stock grazing can resume 7 days after application
  - This may need to be longer if foliage of poisonous weeds is present
- GrazonPro is translocated to the roots meaning long-term control
- Rainfast in 2 hours
- Clover can be stitched in 6 weeks after application

## Best Use Advice

- For use only in established grassland >12 months
- Applications should only be made between 1<sup>st</sup> March and 31<sup>st</sup> October
- For best results apply when weeds are actively growing and have reached the optimum growth stage:

Weed	Application stage	Weed	Application stage
Common nettle	Actively growing before flowering	Creeping thistle	Rosette stage up to 150mm high or wide
Curled dock	Rosette stage up to 250mm high or wide	Spear thistle	Rosette stage up to 150mm high or wide
Broadleaved dock	Rosette stage up to 250mm high or wide	Bramble, broom, gorse	June – August pre-senescence



**Docks**  
Rosette (150 – 250 mm)



**Thistles**  
Rosette (4 – 10 leaves)



**Nettles**  
Rosette (150 – 250 mm)

- For knapsacks, use 60 ml GrazonPro in 10 L of water
- Users should be reminded to wear appropriate PPE: face-shield, gloves, coveralls and rubber boots
- Spray to thoroughly wet the foliage of the plant but run-off should be avoided
- If weeds grow beyond ideal stage, consider cutting the sward and spraying the re-growth
- Allow 2-3 weeks after cutting before applications of GrazonPro are made to allow sufficient re-growth
- 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
- GrazonPro should not be tank-mixed with phenoxy herbicides e.g. MCPA, 2,4-D, CMPP – this may compromise translocation of GrazonPro to the roots
- Keep pets out of treated areas until the spray has dried (normally about 2 hours)
- If weed populations exceed 5% then a broad-acre treatment with PastorPro may be more cost effective



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*Solutions for the Growing World*

Use plant protection products safely. Always read the label and product information before use.

**PAY ATTENTION TO THE RISK INDICATIONS AND FOLLOW THE SAFETY PRECAUTIONS ON THE LABEL. Triple Rinse Containers and Invert to Dry at Time of Use**

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Last Revised March 2017

Where we have knowledge of how our grassland 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.

### Control of Annual Weeds

	DoxstarPro	Envy 1.5 L	Forefront T	GrazonPro	PastorTrio 1.0 L	Thistex
Black bindweed	✓✓✓	✓✓✓	✓✓✓	✓✓✓	✓✓✓	✓✓
Black nightshade	✓✓✓	✓✓✓	✓✓✓	✓✓✓	✓✓✓	-
Bristly ox-tongue	✓✓	-	✓✓✓	✓✓	-	-
Charlock	✓✓	✓✓✓	-	-	✓✓✓	-
Chickweed	✓✓✓	✓✓✓	✓✓✓	✓✓✓	✓✓✓	✓✓
Cleavers	✓✓✓	✓✓✓	✓✓✓	-	✓✓✓	-
Corn chamomile	✓✓	✓✓	✓✓✓	✓✓✓	✓✓✓	✓✓✓
Corn marigold	-	✓✓✓	✓✓✓	✓✓✓	✓✓✓	✓✓✓
Cranesbill	✓✓✓	x	✓✓✓	✓✓✓	x	-
Dead-nettles	✓✓✓	✓	✓✓✓	✓✓✓	✓	-
Fat-hen	✓✓✓	✓✓✓	✓✓✓	✓✓✓	✓✓✓	✓✓✓
Field bindweed	✓✓✓	✓✓✓	✓✓✓	✓✓✓	✓✓✓	-
Fool's parsley	✓✓	✓✓✓	✓✓	✓✓✓	✓✓✓	-
Forget-me-not	✓✓✓	✓✓✓	✓✓✓	-	✓✓✓	-
Fumitory	✓✓	✓✓	✓✓	-	✓✓	-
Groundsel	-	✓✓	✓✓✓	✓✓✓	✓✓✓	✓✓✓
Himalayan balsam	-	-	-	✓✓✓	-	-
Hemp-nettle	-	✓✓✓	-	-	✓✓✓	-
Knotgrass	✓✓	✓✓✓	✓✓	✓✓✓	✓✓✓	-
Mayweed	✓	✓✓✓	✓✓✓	✓✓✓	✓✓✓	✓✓✓
Medick	✓✓✓	-	✓✓✓	✓✓✓	-	-
Orache	-	✓✓	✓✓✓	-	✓✓	-
Pale persicaria	✓✓✓	✓✓	✓✓✓	✓✓✓	✓✓	-
Poppy	-	✓✓	✓✓✓	-	✓✓	-
Redshank	-	✓✓	-	-	✓✓	-
Scarlet pimpernel	✓✓✓	✓✓	✓✓✓	✓✓	✓✓	-
Shepherd's-purse	✓✓	✓✓✓	✓✓✓	✓✓✓	✓✓✓	-
Small nettle	✓✓✓	✓✓	✓✓	-	✓✓	-
Speedwells	✓	✓	✓	✓	✓	-
Spurrey	-	✓✓	-	-	✓✓✓	-
Wild radish	✓✓	✓✓	-	-	✓✓✓	-

- ✓✓✓ Label weed
- ✓✓✓ Good control
- ✓✓ Moderate control
- ✓ Some control
- x No control
- No information

### PRIDE guidelines for spraying success

**PRODUCT** – select for weed spectrum and lasting control of your weeds

**RATE** – of water and label dose rates are key to getting good coverage and performance

**INFORMATION** – consider intended grass and manure use, grazing and harvest intervals and presence of ragwort

**DENSITY** – and numbers of weeds determine knapsack or overall spray and weed size drives spray timing

**ENVIRONMENT** – consider water courses, weather, weed health, presence of desirable plants e.g. clover.

### Control of Perennial Weeds

	DoxstarPro	Envy 2.0 L	Forefront T	GrazonPro	PastorTrio 2.0 L	Thistex
Bramble	✓✓	✓✓	✓✓✓	✓✓✓	✓✓	✓
Broom	✓✓✓	x	✓✓	✓✓✓	x	-
Burdock	✓✓	-	✓✓✓	-	-	-
Buttercup	✓	✓✓✓	✓✓✓	✓	✓✓✓	-
Cinquefoil	-	-	✓✓✓	-	-	-
Clover, trefoil	✓✓✓	✓✓✓	✓✓✓	✓✓✓	✓✓✓	✓✓✓
Coltsfoot	✓✓	-	✓✓✓	✓✓✓	✓✓	-
Cow parsley	-	x	✓✓	✓✓	x	-
Daisy	✓✓✓	✓✓✓	✓✓	✓✓	✓✓✓	-
Dandelion	✓✓✓	✓✓✓	✓✓✓	✓✓	✓✓✓	✓
Docks	✓✓✓	✓✓	✓✓✓	✓✓✓	✓✓✓	✓
Giant hogweed	✓	x	✓✓	✓✓✓	x	-
Gorse	✓✓	x	-	✓✓✓	x	-
Ground elder	✓✓	x	✓✓	✓✓✓	x	-
Ground ivy	✓✓✓	-	-	-	-	-
Hawthorn	✓✓	x	✓✓	✓✓✓	x	-
Hemlock	-	✓	✓✓✓	✓✓✓	✓	-
Horsetail ( <i>Equisetum</i> )	-	✓	-	✓	✓	-
Japanese knotweed	x	x	✓✓✓	✓✓✓	x	x
Lesser celandine	✓✓	-	✓✓✓	✓✓✓	-	-
Mallow	-	-	✓✓✓	✓✓✓	-	-
Mugwort	✓✓✓	-	✓✓	✓✓✓	-	-
Nettles	✓✓	✓	✓✓✓	✓✓✓	✓	✓✓
Old man's beard	-	-	✓✓✓	-	-	-
Ox-eye daisy	-	-	✓✓✓	-	✓	-
Plantain (greater)	✓✓	✓✓✓	✓✓	✓✓	✓✓✓	-
Ragwort	x	x	✓✓✓	✓	x	x
Ribwort plantain	✓✓	✓✓	✓✓✓	✓✓✓	✓✓✓	-
Rosebay willowherb	✓✓✓	-	✓✓✓	✓✓✓	-	-
Rushes	x	x	x	x	x	x
Self-heal	-	-	✓✓✓	✓✓✓	-	-
Silverweed	-	-	✓✓✓	✓✓✓	-	-
Sorrel, common	✓✓✓	✓✓✓	✓✓✓	✓✓✓	✓✓✓	-
Thistles	-	x	✓✓✓	✓✓✓	✓✓✓	✓✓✓
Vetch, tare	✓✓✓	✓✓	✓✓✓	✓✓✓	✓✓	✓✓✓
Yarrow	✓✓	✓✓✓	✓✓	✓✓	✓✓✓	-
Yellow rattle	-	-	✓✓✓	✓✓	-	-
Yellow/Flag Iris	-	-	✓✓✓	✓✓✓	-	-