


Key points

Product	GrazonPro
Active ingredients	60 g/L clopyralid + 240 g/L triclopyr
Weeds controlled	Broadleaved dock, curled dock, creeping thistle, spear thistle, common nettle, bramble, gorse, broom 
Application rate	60 ml product in 10 litres water
Application method	Hand held application only via a hand held lance on a quadbike or via a knapsack.
Maximum treatments	One per year
Professional use	GrazonPro is for professional use: People born before 1965, or who hold a PA1 and/or PA6 certificate of competence in the safe use of pesticides (issued by the National Proficiency Test Council) can use professional use products. For others it is advisable to seek training (see www.nptc.org.uk) or employ a contractor or local farmer to apply
Treatment timing	Between 1st March and 31st October
Weed size	
Broadleaved dock and Curled dock	Rosette stage, 150 to 250 mm across or high
Creeping thistle and Spear thistle	Rosette stage, flowering spike up to 150 mm high
Common nettle	Actively growing, before flowering
Weed health	Weeds must be actively growing; free from disease or insect damage; not suffering from drought, waterlogging or nutrient deficiency
Stock exclusion	Keep livestock out of affected areas for at least 7 days or until foliage of any poisonous weeds such as ragwort has died and become unpalatable
Cutting interval	Minimum 21 days, ideally 28 days
Rainfastness	2 hours when applied to a dry leaf
Clover	GrazonPro will damage clover but a well aimed spray on to the target weeds will enable high levels of weed control to be achieved yet minimising the effect on overall clover populations

GRAZON-PRO Spot treatment
for docks, nettles and thistles



GrazonPro is ideal for spot treatment of a wide range of difficult to control weeds. Use on small patches, isolated weeds, on steep ground or as a targeted application in species rich or clover dominated grassland. Controls docks, thistles and nettles, brambles, gorse and broom.

For grassland advice call the Technical Hotline on: 0800 689 8899

or visit: www.grassbites.co.uk

or email: UKHotline@dow.com



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Use plant protection product safely. Always read the label and product information before use. For further information including warning phrases and symbols refer to label. Dow AgroSciences Limited, Latchmore Court, Brand Street, Hitchin, Hertfordshire SG5 1NH. Tel: +44 (0) 1462 457272. ©TM Trademark of the Dow Chemical Company ("Dow") or an affiliated company of Dow. Grazon®Pro contains clopyralid and triclopyr. Pastor® contains clopyralid, fluroxypyr and triclopyr.

GRAZON-PRO Spot treatment
for docks, nettles and thistles



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OUR SCIENCE-YOUR SUCCESS








The ideal spot treatment solution for a wide range of difficult to control weeds where safety to grass is important.

Use on small patches, isolated weeds, on steep ground or as a targeted application in species rich or clover dominated grassland. Controls broadleaved dock, curled dock, creeping thistle, spear thistle, common nettle, brambles, gorse and broom.











Targeting weeds by hand held application equipment such as a knapsack or a hand held lance on a quadbike:

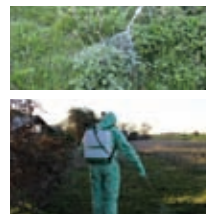
-  Enables access to weeds such as those on steep ground or inaccessible terrain
-  Allows high levels of weed control to be realised in clover rich swards
-  Can stop a weed problem getting worse
-  Can achieve higher levels of control on smaller weeds/ populations than larger populations of bigger weeds
-  Means more grass and improved economic performance
-  Keeps the farm and paddocks tidy and something to be proud of

Use GrazonPro because:






-  It contains 60 g/L clopyralid + 240 g/L triclopyr. This combination provides excellent control of broadleaved dock, curled dock, creeping thistle, spear thistle and common nettle and also has an effect on a large range of other weeds – see our weed list
-  It is one of a very few products with a label which fully endorses the use via hand held application equipment
-  It is fast acting controlling a wide spectrum of weeds
-  It moves to the roots ensuring high levels of long-term control
-  Stock grazing can resume only 7 days after application (but longer if poisonous weeds such as ragwort are present)
-  It is very good value for money – 16 knapsacks from each litre of product when mixed in 10 litre batches
-  It is rainfast in only 2 hours and is very safe to grass

Maximizing success with GrazonPro – 10 TOP TIPS

-  Peel open the label and read in full before use
-  Use only through a knapsack or other hand held equipment, e.g. lance
-  The rate of application is 60 ml in 10 litres of water
-  Target weeds at the right size – young and actively growing is best! If you have topped the weeds first then wait 2-3 weeks for sufficient weed regrowth before spraying
-  Your knapsack is properly maintained, clean and free of dirt with nozzles able to deliver a consistent and even spray
-  Wear suitable protective clothing when handling and measuring the concentrate and whilst spraying – gloves, coveralls and rubber boots are essential!
-  Spray until weed leaves are thoroughly wet, but stop before the spray runs off the leaves
-  GrazonPro is LERAP Category B, so spray must not fall within 1 metre of the top of the bank of a flowing or static waterbody. Spray must be aimed away from the water
-  Keep other people and pets out of treated areas until spray has dried on leaf, at least 2 hours
-  When spraying is finished, clean out the tank, spray lines and nozzle, making sure the washings go on a treated area. If the GrazonPro container is empty, rinse thoroughly 3 times with clean water and dispose of the rinsings on the treated area



With high levels of weed infestation it may be necessary to apply a follow up treatment in the subsequent year. This could be because:

-  Not all weeds are at their ideal treatment size at the same time
-  The visible weed above ground can be small compared with often extensive root systems below ground
-  Large numbers of weeds can shade each other
-  Grassland with large weed populations often holds higher levels of weed seed in the soil
-  Removal of weeds can leave bare patches of ground ideal for further germination of weed seeds






If weed populations exceed 5% it will be more cost effective to consider an overall spray with an alternative Dow AgroSciences herbicide, e.g. Pastor.

Weeds controlled with GrazonPro

Where we have knowledge of how GrazonPro 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.

Annual weeds	Perennial weeds	Perennial weeds
Black bindweed	Bramble	Ragwort
Black nightshade	Broom	Ribwort
Bristly ox-tongue	Burdock	Rosebay
Charlock	Buttercup	Rushes
Chickweed	Cinquefoil	Self-heal
Cleavers	Clover, trefoil	Silverweed
Corn chamomile	Coltsfoot	Thistles
Corn marigold	Common sorrel	Vetch, tare
Cranesbill	Cow parsley	Water dropwort
Dead-nettles	Daisy	Yarrow
Fat-hen	Dandelion	Yellow rattle
Field bindweed	Docks	Yellow/Flag Iris
Forget-me-not	Fool's parsley	
Fumitory	Giant hogweed	
Groundsel	Gorse	
Hemp-nettle	Ground elder	
Knotgrass	Ground ivy	
Mayweed	Hawthorn	
Medick	Hemlock	
Orache	Himalayan balsam	
Pale persicaria	Horsetail (<i>Equisetum</i>)	
Poppy	Japanese knotweed	
Redshank	Lesser celandine	
Scarlet pimpernel	Mallow	
Self-heal	Marestail (<i>Hippuris</i>)	
Shepherd's-purse	Mugwort	
Small nettle	Nettles	
Speedwells	Old man's beard	
Spurrey	Ox-eye daisy	
Wild radish	Plantain	

Weed control key

- Good control 
- Moderate control 
- Some control 
- No control 
- No information 

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