

## Key points:

- Always read the label in full before use
- Target weeds that are actively growing and at the right growth stage. If you have topped the weeds wait 2-3 weeks for sufficient weed regrowth before spraying
- Wear suitable protective clothing when spraying – gloves, coveralls and rubber boots
- Envy and Grazon Pro are LERAP B products. Following a Risk Assessment, it may be possible to reduce the aquatic buffer zone of 5 metres to just 1 metre from the top of the bank of a flowing or static water body
- Spray must be aimed away from water courses
- Keep other people and pets out of treated areas for at least 2 hours until spray has dried on leaf
- Always triple rinse the PET containers used for these Corteva grassland products
- A tank-cleaner, such as All Clear Extra, should be used when cleaning the spray tank after the use of Envy
- Re-seed bare patches of soil where weeds have previously been
- Ragwort label guidance - where ragwort is present users should consult the Code of Practice on How to Prevent the Spread of Ragwort. Ragwort plants sprayed with this herbicide are more palatable and contain higher levels of toxins. Animals should be excluded from treated areas until any ragwort has completely recovered or died and there is no visible sign of the dead weed. Do not include treated or un-treated ragwort when making hay or silage
- DO NOT spray Grazon Pro on or around manure or compost heaps



For use with a boom sprayer



**Envy** – A selective herbicide for paddocks and pastures where Buttercups, Dandelions, Daisies, Chickweed, Docks and many more weeds are a problem.

For use ONLY with a knapsack or hand-held lance



**Grazon Pro** – ideal for spot treatment on small patches, isolated weeds, on steep ground and along fence lines. Controls Docks, Thistles, Nettles, Brambles, Gorse and Broom.



**Forage knowledge on the go.**



Free and easy to use, the Corteva Forage App is packed with information and tools to help you maximise your grass and maize crops. Simply scan the QR code. The desktop version is available at: [forage.farming.co.uk](http://forage.farming.co.uk).

**For grassland advice call the Technical Hotline on: 0800 689 8899, email: [ukhotline@corteva.com](mailto:ukhotline@corteva.com), or visit: [www.corteva.co.uk/forage](http://www.corteva.co.uk/forage)**

# Paddock and pasture weed control.



Use plant protection products safely. Always read the label and product information before use. For further information including warning phrases and symbols refer to label.

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Envy\* contains fluroxypyr and florasulam. Grazon® Pro contains clopyralid and triclopyr. Jan 2023. Supercedes all previous versions of this leaflet.



## Control weeds in paddocks and pastures because they:

- Compete with grass for space, light, nutrients and water
- Are unpalatable to your horse, pony or cattle
- Can be poisonous, e.g. ragwort
- Take over the paddock and if left unchecked limit ability to graze
- Can spread to neighbouring properties
- Make pastures look messy, untidy and unkempt

The Weeds Act 1959 requires that if an order is served on them, landowners have to control common ragwort, broadleaved and curled docks, and spear and creeping thistles. The Ragwort Control Act (2003) strengthens this by placing the onus on the occupier to take action where ragwort is posing a serious risk to grazing animals.

### Weeds in paddocks could be a sign of:

- Worn out pasture
- Poaching and overgrazing
- Poor nutrient status

Understanding the causes helps identify the ongoing practice needed to keep paddocks in a good condition.

Very tight grazing typically opens the sward up allowing weeds to come through. Poaching exacerbates the problem.

If no fertiliser is applied or manure is removed grass growth slows and weeds will outcompete.

Clover, which is high in sugar and low in fibre can lead to colic and laminitis. Envy controls clover.

### Weed control options:

- Dig them out – OK for small numbers
- Cut them down – temporary effect as perennial weeds will grow back
- Use a herbicide – via a knapsack or boom sprayer (ATV or tractor)

Much will depend on how many weeds are present. Knapsack control works out more cost effective if weed populations are below 5% (count number of docks or thistles in a 5m x 7m area – this number gives the % weed population).

### Follow up treatments are sometimes needed:

- 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 will shade other weeds from the spray
- 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

## Envy®

### HERBICIDE

- Excellent weed control solution in established grass and Horse and Pony Paddocks
- For optimum root kill, spray actively growing weeds at the correct growth stage
- If weeds have grown beyond the correct growth stage, top them and spray regrowth
- Controls Chickweed, Buttercups, Dandelions, Daisies, Docks and many more...
- More effective control in cooler conditions than straight fluroxypyr
- Excellent grass safety. Will kill clover
- Only 7-day post-treatment stock exclusion interval\*
- Rainfast in 2 hours
- Available in a 3L pack which treats 1.5ha (3.7 acres) at the full 2.0 L/ha dose rate
- No special manure management requirements
- Use All Clear Extra to clean sprayer after use

For use with a boom sprayer



## Grazon® PRO

### HERBICIDE

- Approved for knapsack sprayer use (or other sprayer using a hand-held lance) ONLY in established grassland
- For optimum root kill, spray actively growing weeds at the correct growth stage
- If weeds have grown beyond the correct growth stage, top them and spray regrowth
- Effective control of all species of Docks, Thistles and Nettles.
- Also gives control of invasive weeds including Bramble, Broom and Gorse
- Excellent grass safety. Will kill clover
- Only 7-day post-treatment stock exclusion interval\*
- Rainfast in 2 hours
- Supplied with a FREE measuring beaker
- Low dose rate of just 60ml per 10L
- 16 fills of a 10L knapsack sprayer from a single 1L pack

For use ONLY with a knapsack or hand-held lance



\*In absence of Ragwort

## Weeds controlled by Envy and Grazon Pro

Where we have knowledge of how our products might affect weeds we have detailed it in the following tables. # indicates information based on 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.

### Annual weeds

	Envy 1.0L/ha	Envy 1.5L/ha	Grazon Pro
Bindweed (black)			
Bristly ox-tongue			
Charlock			
Chickweed			
Cleavers			
Corn chamomile			
Corn marigold			
Cranesbill			
Dead-nettles			
Fat-hen			
Fool's parsley			
Forget-me-not			
Fumitory			
Groundsel			
Hemp-nettle			
Himalayan balsam			
Knotgrass			
Mayweeds			
Nettle (small)			
Nightshade (black)			
Orache			
Pale persicaria			
Poppy			
Redshank			
Scarlet pimpernel			
Shepherd's-purse			
Speedwells			
Spurrey			
Wild radish			
Yellow rattle			

### Perennial weeds

	Envy 1.5L/ha	Envy 2.0L/ha	Grazon Pro
Bindweed (field)			
Bracken			
Bramble			
Broom			
Burdock			
Buttercups			
Cinquefoil (creeping)			
Clover, trefoil			
Coltsfoot			
Cow parsley			
Daisy (common)			
Daisy (ox-eye)			
Dandelion			
Docks			
Gorse			
Ground elder			
Ground ivy			
Hawthorn			
Hemlock			
Hogweed			
Horsetail ( <i>Equisetum</i> )			
Japanese knotweed			
Knapweed (common)			
Lesser celandine			
Mallow (common)			
Medick (black)			
Mugwort (common)			
Nettle (common)			
Old man's beard			
Plantain (greater)			
Plantain (ribwort)			
Ragwort			
Rosebay willowherb			
Rushes			
Self-heal			
Silverweed			
Sorrel (common)			
Thistles			
Vetch, tare			
Yarrow			
Yellow/Flag Iris			

### Weed control key

Green	Good control
Yellow	Moderate control
Orange	Some control
Red	No control
White	No information
Grey	Limited data
TL	= true leaves