

Getting the most from Envy and Leystar – top tips:

- Read the label before use
- For optimum results spray weeds whilst actively growing and, if possible, before they flower, or top them first and spray regrowth after 2-3 weeks
- Not all weeds will be at the best growth stage for spraying at the time of application, so a follow-up treatment may be necessary
- Leystar and Envy are LEPRAP B products. Following a Risk Assessment, it may be possible reduce the restriction of 5m to just 1m from the top of the bank of a flowing or static water body
- Envy should be applied to grass using Air Inclusion Nozzles, if possible
 - Reduced risk of drift
 - Water volume can be reduced to just 200L water per ha
- Sprayer cleaning: To avoid subsequent injury to crops other than grassland and cereals, all spraying equipment must be thoroughly cleaned using All Clear Extra spray cleaner
- It may be necessary to 'stitch' seed into the bare areas left behind after death of treated weeds to avoid new weeds replacing them.

See product label for full details.

New sown leys weed control guide



Envy – for autumn weed control in new sown leys, effective up to the end of September.



Leystar – for wide spectrum weed control in new sown leys in the spring. It also controls thistles.



Get more grass from what you've got

To download the Grassland app, visit your device App Store and search for "Dow Grassland". You need to register the app on each individual device. The desktop version is available at: grassland.farming.co.uk.

For grassland advice call the Technical Hotline on: 0800 689 8899 or visit: www.grassbites.co.uk or email: UKHotline@dow.com

Dow Grassland Guides

Weed control in new sown leys



Dow AgroSciences

Solutions for the Growing World

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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®™ Trademark of the Dow Chemical Company ("Dow") or an affiliated company of Dow.
Envy™ contains fluroxypyr and florasulam. Leystar™ contains fluroxypyr, clopyralid and florasulam.



Dow AgroSciences

Solutions for the Growing World

Good quality grazed grassland is the cheapest feed source for ruminant livestock.

From time to time it is necessary to replace grassland that is no longer capable of producing enough of this low-cost feed.

Reseeding is an important part of grassland management, but is expensive, so it is important that it is done correctly.

This guide aims to help farmers to understand the importance of weed control as a part of the reseeding and new ley establishment process.

Key Points:

- As soil cultivation disturbs the weed seedbank, it is vital to check new leys for weed infestation
- The most common weed issues in a new reseed are annual weeds such as chickweed, redshank and small nettle, and seedling perennial weeds such as docks and thistles
- Controlling docks and thistles in reseeds is more effective and cheaper than waiting for them to fully establish
- Chickweed and docks can easily out-compete young grass when the population reaches 10/m² the ryegrass population could be reduced by as much as half
- Weed seedlings are more susceptible to herbicides than mature plants
- Tackling grassland weeds early improves sward palatability and productivity
- It is cheaper to control weeds at this stage.

Get more grass from what you've got



A selective herbicide for new sown leys, established grassland and grass for seed.

Use: Envy is ideal for autumn weed control in new sown leys.

Active ingredients: 100 g / litre fluroxypyr + 2.5 g / litre florasulam.

Application rate: 1.5 L/ha on new sown leys.

Application method: Boom sprayer.

Maximum treatments: One per year.

Weeds controlled: Wide weed spectrum.

Water volume: 200 L/ha new sown leys.

Treatment timing: 1st February to 30th November for new sown leys.

Stock exclusion interval: 7 days.

Clover: Will be killed. Re-introduce after 3 months.



A selective herbicide for new sown leys, grass for seed and maize.

Active ingredients: 100 g / litre fluroxypyr + 80 g / litre clopyralid + 2.5 g / litre florasulam.

Application rate: 1.0 L/ha on new sown leys.

Application method: Boom sprayer.

Maximum treatments: One per year.

Weeds controlled: Wide weed spectrum, including seedling docks and thistles.

Water volume: 200 L/ha new sown leys.

Treatment timing: 1st February to 31st August for new sown leys.

Stock exclusion interval: 7 days.

Clover: Will be killed. Re-introduce after 3 months.

Weeds controlled by Envy and Leystar

Where we have knowledge of how Envy or Leystar might affect other grassland weeds, we have detailed this in the table on the right. These are not recommendations, just an indication of what control might be achieved.

Annual weeds	Envy		Leystar		Perennial weeds	Envy		Leystar	
	Envy	Leystar	Envy	Leystar		Envy	Leystar	Envy	Leystar
Bindweed (black) 4TL	Good	Good	Good	Good	Bramble	Good	Good	Good	Good
Bindweed (field) 4TL	Good	Good	Good	Good	Broom	No	No	No	No
Bristly ox-tongue	No	No	No	No	Burdock	No	No	No	No
Charlock 200mm	Good	Good	Good	Good	Buttercups	Good	Good	Good	Good
Chickweed	Good	Good	Good	Good	Cinquefoil	No	No	No	No
Cleavers	Good	Good	Good	Good	Clover, trefoil	Good	Good	Good	Good
Corn chamomile 150mm	Some	Good	Good	Good	Coltsfoot	No	No	Some	Good
Corn marigold 150mm	Good	Good	Good	Good	Cow parsley	No	No	No	No
Cranesbill	No	No	No	No	Daisy (common)	Good	Good	Good	Good
Dead-nettles	Some	Good	Good	Good	Daisy (ox-eye)	No	No	Some	Good
Fat-hen 4TL	Good	Good	Good	Good	Dandelion	Good	Good	Good	Good
Fool's parsley 4TL	Good	Good	Good	Good	Docks	Some	Good	Good	Good
Forget-me-not 4TL	Good	Good	Good	Good	Gorse	No	No	No	No
Fumitory 2TL	Some	Good	Good	Good	Ground elder	No	No	No	No
Groundsel 2TL	Some	Good	Good	Good	Ground ivy	No	No	No	No
Hemp-nettle 4TL	Good	Good	Good	Good	Hawthorn	No	No	No	No
Himalayan balsam	No	No	No	No	Hemlock	Some	Good	Some	Good
Knotgrass 4TL	Good	Good	Good	Good	Hogweed (giant)	No	No	No	No
Mayweeds 200mm	Good	Good	Good	Good	Horsetail (Equisetum)	Some	Good	Some	Good
Medick	No	No	No	No	Japanese knotweed	No	No	No	No
Nettle (small)	Some	Good	Good	Good	Lesser celandine	No	No	No	No
Nightshade (black)	Good	Good	Good	Good	Mallow	No	No	No	No
Orache 2TL	Some	Good	Good	Good	Mugwort	No	No	No	No
Pale persicaria 2TL	Some	Good	Good	Good	Nettle (common)	Some	Good	Some	Good
Poppy 4TL	Some	Good	Good	Good	Old man's beard	No	No	No	No
Redshank 2TL	Some	Good	Good	Good	Plantain (greater)	Good	Good	Good	Good
Scarlet pimpernel	Some	Good	Good	Good	Plantain (ribwort)	Some	Good	Some	Good
Shepherd's-purse 4TL	Good	Good	Good	Good	Ragwort	No	No	No	No
Speedwells	Some	Good	Good	Good	Rosebay willowherb	No	No	No	No
Spurrey 2TL	Some	Good	Good	Good	Rushes	No	No	No	No
Wild radish 2TL	Some	Good	Good	Good	Self-heal	No	No	No	No
Yellow rattle	No	No	No	No	Silverweed	No	No	No	No
					Sorrel (common)	Good	Good	Good	Good
					Thistles 1TL	No	No	No	No
					Vetch, tare	Some	Good	Some	Good
					Yarrow	Good	Good	Good	Good
					Yellow/Flag Iris	No	No	No	No

Weed control key

- Good control
- Moderate control
- Some control
- No control
- No information
- TL = True leaves