

Use for 3 key areas:

- Where horses or cattle graze low input grassland
- Replace straight fluroxypyr on chickweed
- Weed control in new sown leys

Key Facts

Product Registration Number:	MAPP 17901
Active Ingredient:	100 g / litre fluroxypyr + 2.5 g / litre florasulam
Pack Size:	3 litre
Formulation:	Suspension Emulsion
Maximum Individual Dose:	2.0 L/ha to established grassland 1.5 L/ha to new sown leys and grass for seed
Maximum Total Dose:	2.0 L/ha to established grassland 1.5 L/ha to new sown leys and grass for seed
Timing:	1 st February to 30 th November for established grassland and new sown leys 1 st March to 30 th November for grass grown for seed
Water Volumes:	200 L/ha new sown leys, 200-400 L/ha established grassland
Spray Quality:	MEDIUM as defined by BCPC
LERAP:	B

Key Benefits

- Buttercups, dandelions and other perennial weed control in paddocks and grassland of low productivity. Use at 2.0 L/ha.
- Chickweed control in established grassland. Better than straight fluroxypyr in fluctuating diurnal temperatures
- Valuable for use in new sown leys due to wide application window (Apply any time between 1st February and 30th November). Use at 1.5 L/ha
- Ideal for use in grass seed crops
- 3 litre pack treats 3.7 acres at 2.0 L/ha
- Only 7 day grazing interval. Quick return of animals
- No manure restrictions – very important in equine situations where manure is picked & used in gardens/allotments
- Rainfast in 2 hours

Best Use Advice

- In new sown leys apply to weeds which are small and actively growing
- Envy is a contact herbicide so broad-leaved weeds not present at application will not be controlled
- If weeds grow beyond the ideal stage, consider cutting the sward and spraying the regrowth
 - Allow 2-3 weeks after cutting before applications of Envy are made to allow sufficient regrowth
- Allow an interval of 4 weeks after application before cutting grass to optimise the effect of the herbicide
- Do not roll or harrow grass for 10 days before or 7 days after application
- Do not spray where clover or other legumes are a valuable constituent of the sward
- Grass seed can be stitched in 1 month after application
- Clover can be stitched in 3 months after application
- Grazing can resume just 7 days after application
 - This may need to be longer if foliage of poisonous weeds such as ragwort is present
- Use Envy to replace straight fluroxypyr on chickweed, where it is more effective in cooler conditions and at lower rates
 - Use before chickweed flowers
- To avoid subsequent injury to crops other than grassland and cereals, all spraying equipment must be thoroughly cleaned using All Clear Extra spray cleaner



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	Leystar 1.0 L	PAS:TOR 1L+1L	Thistlex
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 ✓ Some control
 ✓✓✓ Good control x No control
 ✓✓ Moderate 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	Leystar 2.0 L	PAS:TOR 1L+1L	Thistlex
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	x
Lesser celandine	✓✓	–	✓✓✓	✓✓✓	–	✓✓	–
Mallow	–	–	✓✓✓	✓✓✓	–	–	–
Mugwort	✓✓✓	–	✓✓	✓✓✓	–	✓✓	–
Nettles	✓✓	✓	✓✓✓	✓✓✓	✓	✓✓✓	✓✓
Old man's beard	–	–	✓✓✓	–	–	–	–
Ox-eye daisy	–	–	✓✓✓	–	✓	–	–
Plantain (greater)	✓✓	✓✓✓	✓✓	✓✓	✓✓✓	✓✓	–
Ragwort	x	x	✓✓✓	✓	x	x	x
Ribwort plantain	✓✓	✓✓	✓✓✓	✓✓✓	✓✓✓	–	–
Rosebay willowherb	✓✓✓	–	✓✓✓	✓✓✓	–	✓✓✓	–
Rushes	x	x	x	x	x	x	x
Self-heal	–	–	✓✓✓	✓✓✓	–	–	–
Silverweed	–	–	✓✓✓	✓✓✓	–	–	–
Sorrel, common	✓✓✓	✓✓✓	✓✓✓	✓✓✓	✓✓✓	✓✓✓	–
Thistles	–	x	✓✓✓	✓✓✓	✓✓✓	✓✓✓	✓✓✓
Vetch, tare	✓✓✓	✓✓	✓✓✓	✓✓✓	✓✓	✓✓✓	✓✓✓
Yarrow	✓✓	✓✓✓	✓✓	✓✓	✓✓✓	–	–
Yellow rattle	–	–	✓✓✓	✓✓	–	–	–
Yellow/Flag Iris	–	–	✓✓✓	✓✓✓	–	–	–