

GRASSLAND WEED SUSCEPTIBILITY GUIDE

★★★★ = Best Control Achieved ★★ = Good Control ★★ = Moderate Control ★ = Low Levels Of Control

IMPORTANT = The below information does **NOT** constitute a recommendation for use to control the above weeds.
For details of full recommendations, always refer to the full product label.

PRODUCTS	SPEAR	STAFF	POLO	POLO	SPRUCE
Active Ingredients	MCPA 500 g/l	2,4-D 500 g/l	MCPA 315 g/l 2,4-D 360 g/l	MCPA 315 g/l 2,4-D 360 g/l	2,4-DB 400 g/l
Max Rates Of Use	3.3 litres/ha	3.3 litres/ha	2.5 litres/ha	3.5 litres/ha	4.5 litres/ha
Situation	Established Grassland	Established Grassland	Newly Sown Leys	Established Grassland	Established & Newly Sown Leys
Clover Safety	Clover Will Be Checked	Not safe to Clover	Not safe to Clover	Not Safe To Clover	Clover Safe

ANNUAL BROAD-LEAVED WEEDS

Annual Sowthistle	★★★★★	★★★★★	★★	★★★★★	★★
Black Nightshade		★		★	
Brassica spp.	★★★★★	★★★★★	★★★	★★★★★	★★
Charlock	★★★★★	★★★★★	★★★	★★★★★	★★
Chickweed					
Cleavers					
Fat-hen	★★★★★	★★★★★	★★★	★★★★★	★★★
Fumitory					★
Hemp-nettle	★★★★★	★★★	★★★	★★★★★	
Knotgrass			★		★
Nipplewort					
Pennycress	★★★★★	★★★★★	★★★	★★★★★	★★★
Polygonum spp.		★★	★	★★	★★
Poppy	★★★★★	★★	★★	★★★★★	★★
Shepherd's-purse	★★★★★	★★★★★	★★	★★★★★	★★★★★

PERENNIAL WEEDS

Buttercups	★★★	★★★	★★★	★★★	★★★
Clover	★★	★★	★	★★	
Common Nettle	★★	★★★	★★	★★★	★
Dandelion	★★	★★★	★★	★★★	
Broadleaf Dock	★★	★★	★★	★★	★★
Plantain	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★
Ragwort*	★★	★★★★★	★★	★★★★★	
Soft Rush	★★★★★	★★★★★	★★★	★★★★★	
Thistles	★★★	★★★	★★★	★★★	★★

HEADLAND SULFONYLUREA HERBICIDES FOR USE IN GRASSLAND

PRODUCTS	ACTIVE INGREDIENTS	RATES OF USE	CLOVER SAFETY	COMMENTS
Cimarron	Metsulfuron-methyl 500 g/kg	3 g/ha	Not clover safe	Where docks are well established in long term grass leys, Cimarron plus a phenoxy partner is the preferred option. The best control will be obtained when applied at the correct timing and under favourable conditions. In addition, this product mix will control a broad range of weeds (see reverse for Headland Product Mixes For Grassland Use).
Pinnacle	Thifensulfuron-methyl 500 g/kg	22.5 g/ha	Clover May Be Checked	Pinnacle is recommended for use at 15-18 g/ha together with Headland Spruce at 3 l/ha in grass leys containing clover where docks are well established within the sward. Use the higher rate of 18 g/ha where docks have been established for some time and 15 g/ha where docks are slightly less prevalent and for less of a potential check on the grass and clover.
Triad	Tribenuron-methyl 500 g/kg	10 g/ha	Clover May Be Checked	Headland Triad is fully approved for weed control in Spring barley undersown with Grass and Grassland. Headland Triad used at 10 g/ha in a mix with Headland Spruce at 2.5 l/ha is suited for use on newly established grass leys containing clover. The grass should have 3 true leaves and/or be tillering and the clover has ideally reached the 3 trifoliolate leaf stage.

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HEADLAND PRODUCT MIXES FOR USE IN GRASSLAND					
Product 1	Polo (2.5 l/ha)	Triad (10 g/ha)	Cimarron (3 g/ha)	Pinnacle (15 g/ha)	Triad (10 g/ha)
Product 2	Fluroxypyr (200 g/l) (0.5 l/ha)	Polo (2.5 l/ha)	Polo (2 l/ha)	Spruce (3 l/ha)	Spruce (2.5 l/ha)
Situation	Established & Newly Sown Leys	Newly Sown Leys	Established Grassland	Established & Rotational Leys	Established & Newly Sown Leys
Clover Safety	Not Safe To Clover	Not Safe To Clover	Not Safe To Clover	Clover Will Be Checked	Clover Will Be Checked
ANNUAL BROAD-LEAVED WEEDS					
Annual Sowthistle	★★	★★	★★★★★	★★★★	★★★★★
Black Nightshade			★		
Brassica spp.	★★★★	★★★★★	★★★★★	★★★★	★★★★★
Charlock	★★★★	★★★★★	★★★★★	★★★★★	★★★★★
Chickweed	★★★★	★★★★★	★★	★★	★★★★★
Cleavers	★★★★			★	★
Fat-hen	★★★★	★★★★★	★★★★★	★★★★	★★★★★
Fumitory	★★★★	★		★★	★★
Hemp-nettle	★★★★★	★★★★	★★★★★		★★
Knotgrass	★★	★★		★★	★
Mayweed		★★★★★	★★★★	★★	★★★★★
Nipplewort	★★★★				
Pennycress	★★★★	★★★★	★★★★★	★★★★★	★★★★★
Polygonum spp.	★★	★★	★★	★★	★★★★
Poppy	★★	★★★★★	★★★★★	★	★★★★
Shepherd's-purse	★★	★★★★★	★★★★★	★★★★★	★★★★★
PERENNIAL WEEDS					
Buttercups	★★★★	★★★★	★★★★★	★★★★	★★★★
Clover	★	★	★★★★★		
Common Nettle	★★★★	★★	★★★★	★★	★
Dandelion	★★★★	★★	★★★★★	★★	★
Broadleaf Dock	★★★★	★★	★★★★★	★★★★	★★
Plantain	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★
Ragwort	★★	★★	★★★★★		
Soft Rush	★★★★★	★★★★★	★★★★		
Thistles	★★★★	★★★★	★★★★	★★★★	★★

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INFORMATION SOURCES

Headland Product Labels, Headland Agrochemicals Website, Headland Trials data, Weed Control Handbook Volume II - Recommendations.

IMPORTANT

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All third party trademarks acknowledged. Always read the label and product information before use. Use pesticides safely.