

# GRASSLAND WEED SUSCEPTIBILITY GUIDE

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					
	SPEAR	STAFF	POLO	POLO	SPRUCE
Buttercups	★★★	★★★	★★★	★★★	★★★
Clover	★★	★★	★	★★	
Common nettle	★★	★★★★	★★	★★★	★
Dandelion	★★	★★★	★★	★★★	
Docks	★★	★★	★★	★★	★★
Plantain	★★★★	★★★★	★★★★	★★★★	★★★★
Ragwort*	★★	★★★★	★★	★★★★	
Soft Rush	★★★★	★★★	★★★★	★★★	
Thistles	★★★	★★★	★★★	★★★	★★

★★★★ = Best Control Achieved   ★★★ = Good Control   ★★ = Moderate Control   ★ = Low Levels of Control.  
\* = For control of Ragwort treat in the autumn followed by a sequential treatment in the spring.

**IMPORTANT** = The above 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.

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 ( <b>see reverse for Headland Product Mixes For Grassland Use</b> ).	
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 trifoliate leaf stage.	
FOLIAR ACTING HERBICIDE FOR CONTROL OF DIFFICULT WEEDS IN ESTABLISHED GRASSLAND					
FLAIL 2	240 g/l triclopyr + 60 g/l clopyralid	60 ml/10 litres water in knapsack sprayer	Not safe to clover	Control of nettles, docks, thistles, brambles, broom and gorse. For knapsack sprayer use only.	

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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	Newly sown & Established leys	Newly sown leys	Established Grassland	Established & Rotational leys	Newly sown & Established Grassland
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 Sow-thistle	★★	★★	★★★★	★★★	★★★★
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	★★★	★★	★★★★	★★	★
Docks	★★★	★★	★★★	★★★	★★
Plantain	★★★★	★★★★	★★★★	★★★★	★★★★
Ragwort	★★	★★	★★★★		
Soft Rush	★★★★	★★★★	★★★		
Thistles	★★★	★★★	★★★	★★★	★★

★★★★ = Best Control Achieved   ★★★ = Good Control   ★★ = Moderate Control   ★ = Low Levels of Control.

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### INFORMATION SOURCES

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

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