



Technical Update – Grassland Weed Susceptibility Guide

Grassland Weed Susceptibility Guide for Headland Phenoxy Herbicides

Products	Relay-P	Prompt	Di-Farmon R	Transfer	Agroxone/Spear	Staff	Polo	Spruce
Active Ingredients	Dicamba 25g/l CMPP 200g/l MCPA 200g/l	Dicamba 84g/l CMPP 600g/l	Dicamba 42g/l CMPP 319g/l	Dicamba 18g/l CMPP 50g/l MCPA 315g/l	MCPA 500 g/l	2,4-D 500 g/l	MCPA 315 g/l 2,4-D 360 g/l	2,4-DB 400 g/l
Rates of Use	5.0-7.0 litres/ha	1.25 litres/ha	2.5 litres/ha	4.5 litres/ha	3.3 litres/ha	3.3 litres/ha	3.5* litres/ha	4.5 litres/ha
Situation	Established Grassland	Established Grassland	Established Grassland	Est & Rotational leys 2 to 3 leaves	Established Grassland	Established Grassland	Established Grassland	Established & Newly sown leys
Clover Safety	Not safe to Clover	Not safe to Clover	Not safe to Clover	Not safe to Clover	Clover will be Checked	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	◆◆◆	◆◆◆	◆◆◆	◆◆				
Hempnettle	◆◆◆◆	◆◆	◆◆	◆◆◆◆	◆◆◆◆	◆◆◆	◆◆◆◆	
Knotgrass	◆◆◆	◆◆	◆◆	◆◆				
Nipplewort	◆◆◆◆	◆◆◆◆	◆◆◆◆	◆◆◆				
Pennycress	◆◆◆◆	◆◆◆◆	◆◆◆◆	◆◆◆◆	◆◆◆◆	◆◆◆◆	◆◆◆◆	◆◆◆
Polygonum SPP	◆◆◆◆	◆◆◆	◆◆◆	◆◆		◆◆	◆◆	◆◆
Poppy	◆◆◆◆	◆◆	◆◆	◆◆◆◆	◆◆◆◆	◆◆	◆◆◆◆	◆◆
Shepherd's-purse	◆◆◆◆	◆◆◆◆	◆◆◆◆	◆◆◆◆	◆◆◆◆	◆◆◆◆	◆◆◆◆	◆◆◆◆

PERENNIAL WEEDS

Buttercups	◆◆◆	◆◆	◆◆	◆◆◆	◆◆◆	◆◆◆	◆◆◆	◆◆◆
------------	-----	----	----	-----	-----	-----	-----	-----



All third party trademarks acknowledged
Always read the label. Use pesticides safely



PERENNIAL WEEDS CONT'D

	Relay-P	Prompt	Di-Farmon R	Transfer	Agroxone/Spear	Staff	Polo	Spruce
Clover	◆◆◆◆	◆◆◆◆	◆◆◆◆	◆◆	◆◆	◆◆	◆◆	
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 detail on full recommendations, always refer to the full product label.

Sulfonylurea Herbicides From Headland 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	Cimarron used alone at 3 g/ha will control both broad leaved and curled leaved docks together with other species. Where Cimarron is used in a mix with a PHENOXY herbicide (where the phenoxy is used at ¼'s of label rate) this has been found to be a very effective combination for both annual broad-leaved and perennial weed control in established grassland.
Pinnacle	Thifensulfuron-methyl 500 g/kg	22.5 g/ha	Clover may be checked	Pinnacle used alone at 22.5 g/ha will control broad leaved docks in established grass leys where clover forms part of the sward. Where you wish to broaden the weed spectrum you may consider the use of Pinnacle at 15 – 18g/ha plus Headland Spruce at 2 – 3 l/ha.

Products For Use in Spring Barley Undersown with Italian Ryegrass (Spring Barley Undersown with Grass expected soon with a Grassland label following in 2012)

Triad	Tribenuron-methyl 500 g/kg	10 g/ha	Clover may be checked	Triad has a broad weed spectrum effective against chickweed, sc. mayweed, seedling docks, redshank, poppy, field pansy, fat-hen, groundsel and orache. Where clover is present it may be checked but it has been found to grow away from the check. Triad May also be used in a mix with Headland Spruce.
--------------	-------------------------------	---------	-----------------------	---

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

Information Sources

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



All third party trademarks acknowledged
Always read the label. Use pesticides safely

