

DOW SHIELD 400

For Control of Mayweeds and
Thistles in Sugar Beet

Key Facts

Product Registration Number	MAPP 14984
Active Ingredient:	400 g/litre clopyralid
Pack Size:	2.0 Litres
Formulation:	Soluble Concentrate
Maximum Individual Dose:	0.5 L/ha
Maximum Total Dose:	0.75 L/ha
Application Timing:	No earlier than 1 st March in year of harvest
Latest Timing:	When crops meet between the rows (BBCH 39) Applications should be completed by end of June
Water Volumes:	200-250 Litres water/ha. (Sugar Beet low dose: 80-100 Litres water/ha)
Spray Quality:	Medium spray as defined by BCPC
LERAP:	None

Best Use Advice

- Apply from the fully expanded cotyledon stage when used alone
- For best results apply when weeds are actively growing
- For control of annual weeds apply 0.25 L/ha
- For control of creeping thistle apply 0.25 L/ha at rosette stage, followed by a second application of 0.5 L/ha 3-4 weeks later
- May be applied at 0.25 L/ha either in tank mix with or as sequential low dose programme in 80-100 litres water per hectare with metamitron + Actipron for improved thistle and black-bindweed control
- For control of volunteer potatoes include 0.25 L/ha with applications of ethofumesate and phenmedipham
 - Two applications recommended, 7-14 days apart. First application when haulm 5 - 10cm
 - For extended haulm emergence use a three spray programme of 0.175 L/ha with ethofumesate and triflurosulfuron-methyl
- In all cases applications should be completed by end of June
- Rainfast in 6 hours

KEY BENEFITS

- New self-seal technology
 - No induction seal or foil to dispose of
 - Improves turn around operations
 - Simplifies waste recovery
 - Reduces risk of point source contamination
- Excellent crop selectivity and compatibility

Weed Spectrum

	0.25 L/ha	0.5 L/ha	Control		0.25 L/ha	0.5 L/ha	Control
Corn marigold	2 leaf	4 leaf	S	Scentsless mayweed	4 leaf	8 leaf	S
Creeping thistle (from seed)	4 leaf	6 leaf	S	Smooth sow-thistle	2 leaf	4 leaf	S
Groundsel	6 leaf	10 leaf	S	Black-bindweed	1 leaf	2 leaf	MS
Pineappleweed	4 leaf	8 leaf	S	Pale persicaria	1 leaf	2 leaf	MT
Scented mayweed	4 leaf	8 leaf	S	Redshank	1 leaf	1 leaf	MT

Perennial Weeds

Control by 0.25 L/ha + 0.5 L/ha programme

Creeping thistle	S
Perennial sow-thistle	MS
Spears thistle	S
White clover	MS

Key:
 S - Susceptible
 MS - Moderately Susceptible
 MT - Moderately Tolerant



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