

Dow Shield® 400**HERBICIDE**

Technical Information Sheet

Dow Shield 400 is a herbicide used for the control of mayweeds and thistles in sugar beet.

Key facts

Product Registration Number:	MAPP 14984
Active Ingredient:	400g/litre Clopyralid
Pack size:	2 L
Formulation:	Soluble Concentrate
Maximum Individual Dose:	0.5L/ha
Maximum Total Dose:	0.75L/ha
Latest Timing:	When crops meet between the rows (BBCH 39) Applications should be completed by the end of June.
Water Volumes:	200-250 L/ha (Sugar beet 80-100L/ha)
Spray Quality:	Medium as defined by BCPC
Buffer Zone:	No LERAP restrictions.

Best Use Advice

- Apply from fully expanded cotyledon stage when used alone.
- For best results apply when weeds are actively growing
- For control of annual weeds apply 0.25L/ha
- For control of creeping thistle apply 0.25L/ha at rosette stage, followed by a second application of 0.5L/ha 3-4 weeks later.
- May be applied at 0.25L/ha either in tank mix with or as sequential low dose programme in 80-100 litres of water/ha with metamitron + Actipron for improved thistle and black bindweed control.
- For control of volunteer potatoes include 0.25L/ha with applications of ethofumesate and phenmedipham
 - Two applications recommended, 7-14 days apart. First application when haulm 5-20cm
 - For extended haulm emergence use a three spray programme of 0.175L/ha with emthofumisate and trifluralin-methyl
- Rainfast in 6 hours

Key Benefits

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

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	Scentless mayweed	4 leaf	8 leaf	S
Creeping thistle (from seed)	4 leaf	6 leaf	S	Smooth sowthistle	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 sowthistle	MS
Spear thistle	S
White clover	MS

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

Visit us at corteva.co.uk

USE PLANT PROTECTION PRODUCTS SAFELY. Always read the label and product information before use.

For further information including warning phrases and symbols refer to label.

Corteva Agriscience, CPC2 Capital Park, Fulbourn, Cambridge CB21 5XE. Tel: 01462 457272.

©, " Trademarks of DuPont, Dow AgroSciences and Pioneer and affiliated companies or their respective owners.

Technical Hotline: 0800 689 8899. E-mail: ukhotline@corteva.com.

Dow Shield® 400 contains Clopyralid.

June 2019