

DOW SHIELD 100

For Control of Mayweeds and Thistles in Sugar Beet

Key Facts

Product Registration Number	PCS03861
Active Ingredient:	100 g/litre clopyralid
Pack Size:	2.0 Litres
Formulation:	Soluble Concentrate
Maximum Individual Dose:	2.0 L/ha
Maximum Total Dose:	3.0 L per crop
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

Best Use Advice

- 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 triflusaluron-methyl
- In all cases applications should be completed by end of June
- Rainfast in 6 hours

KEY BENEFITS

- Double strength - use half as much per hectare as Dow Shield (200 g clopyralid/L)
 - Fewer packs to open and dispose of
- New self-seal technology
 - No induction seal or foil to get rid 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	Scentless 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	Key:
Creeping thistle	S	S - Susceptible
Perennial sow-thistle	MS	MS - Moderately Susceptible
Spear thistle	S	MT - Moderately Tolerant
White clover	MS	



Use plant protection products safely. Always read the label and product information before use. PAY ATTENTION TO THE RISK INDICATIONS AND FOLLOW THE SAFETY PRECAUTIONS ON THE LABEL. Triple Rinse Containers and Invert to Dry at Time of Use. Authorisation Holder: Dow AgroSciences Limited, CPC2 Capital Park, Fulbourn, Cambridge CB21 5XE. www.dowagro.com/ie/ Marketing Company: Whelehan Crop Protection, Suite 11/12 Bunkilla Plaza, Bracetown Business Park, Clonee, Dublin 15, Ireland. Tel: 00 353 1 4688900 Email: cropprotection@tpwhelehan.ie ©TM Trademark of the Dow Chemical Company ("Dow") or an affiliated company of Dow. All other brand names are trademarks of other manufacturers for which proprietary rights may exist. DOW SHIELD 100 contains clopyralid