

## 2,4-D LV Ester 680

Similar to: 2,4-D LV Esters

<b>Active Constituent</b>	2, 4-D ethyl hexyl ester 680g/L		<b>Formulation</b>	EC
<b>Typical Situations</b>	Wheat, barley, oats, pasture, fallow, and other (see registrations section).			
<b>Chemical Group</b>	I	<b>Mode of Action</b>	Foliar and some root uptake, readily translocated – causes unregulated growth.	
<b>Indicative Price ex GST</b>	\$6.70/L	<b>Typical Pack Size</b>	20L, 110L, 1000L	
<b>Poison Schedule</b>	6	<b>Dangerous Goods Class</b>	-	<b>UN</b> -
<b>Withholding Period</b>	<b>Harvest</b>	Not required when used as directed.		
	<b>Grazing</b>	Do not graze or cut for hay for 7 days post application.		
<b>Plant Back</b>	2-3 weeks in dry soil for legume/broadleaf crops, 4 weeks for canola. If applied to dry soils, at least 15mm of rain must fall before plant back period commences.			
<b>Application Method</b>	Boom spray 30-100L/ha, aerial 20-90L/ha			<b>Rain fastness</b>
<b>Efficacy</b>	Do not spray on stressed weeds.			
<b>Adjuvants</b>	None Required			
<b>Compatibility</b>	Atrazine, Bromoxynil, Clopyralid, Dicamba, Diuron, Sulfonyl Urea's, Paraquat, Diquat, Glyphosate, trace elements (copper sulphate and zinc sulphate), most fungicides and insecticides.			
<b>Incompatibility</b>	Group A herbicides, Chlorpyrifos, Diuron in crop.			
<b>Water Quality</b>	Hard water (>200ppm calcium carbonate) and salty (>750mS/NaCl) water may reduce efficacy.			
<b>Time to Effects and Symptoms</b>	3-7 days – twisting stems and cupping leaves			
	7-10 days – chlorosis at growing point			
	10-56 days – wilting and death			
<b>4F Broadacre Registrations</b>	Cereals, pastures, fallow and other (extract listed).			
<b>4F Other Registrations</b>	Industrial and rights of way (see label).			
<b>Similar Product Registrations</b>	As above.			
<b>Situation</b>	<b>Target Weed/s</b>	<b>Rate/ha</b>	<b>Comments</b>	
Cereals (5 leaf to early stem elongation Z15-33) and Fallow	London Rocket, Wild Radish, Rapistrum, Saffron, Wild Turnip	570ml	Effective up to rosette stage. Paterson's Curse rosette to flowering. Cape Tulip pre-flowering.	
	Mustards, Turnip weed	620ml		
	Dock, Horehound, Mexican Poppy, Paterson's Curse	800-850ml		
	Cape Tulip	1.15L		
Pasture	Rapistrum, Saffron, Wild Radish, Wild Turnip	840ml		
	Mexican Poppy, Paterson's Curse	880ml-1.5L		
	Dock, London Rocket, Mustards	1.7-2.5L		
	Cape Tulip, Horehound	1.7-3.3L		
<b>Comments</b>				
For clover pastures, wait for clover to reach the 3-4 leaf stage before application.				
Application on cereals outside label recommended timing can cause crop damage and yield reductions*.				
<b>CARE:</b> Ester formulations produce volatile vapours which under certain conditions can travel kilometres.				
Phenoxy herbicides can cause severe damage to susceptible crops (e.g. cotton, oilseeds, grapes and tomatoes).				
<b>NOTE:</b> See Equivalent Product Rate Calculator in Appendix to assist with converting between 2, 4-D LV Ester 680 and 2, 4-D Ester 800 application rates.				

\*See 4Farmers label recommendations for Phenoxy Herbicide Application on Cereal Crops in Appendices.