

## 2, 4-D Ester 800

Similar to: *Estercide 800*<sup>®</sup>

<b>Active Constituent</b>	2, 4-D as the Isobutyl Ester 800g/L		<b>Formulation</b>	EC
<b>Typical Situations</b>	Registered for use in Western Australia only; Wheat, barley, fallow, including prior to sowing winter broadacre crops and non-legume pastures (see registration section).			
<b>Chemical Group</b>	I	<b>Mode of Action</b>	Foliar and some root uptake, readily translocated – causes unregulated growth.	
<b>Price ex GST</b>	\$8.60/L	<b>Typical Pack Size</b>	20L, 110L, 1000L	
<b>Poison Schedule</b>	6	<b>Dangerous Goods Class</b>	-	<b>UN</b> -
<b>Packing Code</b>	-			
<b>Withholding Period</b>	<b>Harvest</b> Not required when used as directed. <b>Grazing</b> Do not graze or cut for stock food for 7 days post application.			
<b>Plant Back</b>	1-4 weeks in dry soil for legume/broadleaf crops, 3 weeks for canola, 1-3 days for cereals. If applied to dry soils, at least 15mm of rain must fall before plant back period commences.			
<b>Application Method</b>	Boom spray 50-120L/ha, <b>DO NOT APPLY AERIALY</b>		<b>Rain fastness</b>	6 hours
<b>Efficacy</b>	Do not spray on stressed weeds.			
<b>Adjuvants</b>	N/A			
<b>Compatibility</b>	Atrazine, Brown Out, Clopyralid, Chlorsulfuron, Dicamba, Diuron, Fluroxypyr, Glyphosate, Metsulfuron-methyl, Paraquat, Simazine, Triclopyr, Ammonium Sulphate and Farmpro 700.			
<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>	Wheat, barley, fallow and non-legume pasture (extract listed).			
<b>4F Other Registrations</b>	N/A			
<b>Similar Product Registrations</b>	As above.			
<b>Situation</b>	<b>Target Weed/s</b>	<b>Rate/ha</b>	<b>Comments</b>	
Fallow prior to sowing Winter cereals, Grain legumes, Canola and Non-legume pastures	Amaranthus, Caltrop, Canola, Cape tulip, Capeweed, Clover, Dock, Flatweed, Fumitory, Hogweed/Wireweed, Lupins, Melons, Mustards, Mintweed, Paterson's Curse, Skeleton weed, Stinkwort, Storks bill/Erodium, Thistles, Turnip weed, Wild radish, Wild turnip and many others (see label for comprehensive list)	180-700ml	Do not exceed 700ml of product/ha. Do not apply by air or ground-based misters. Do not apply during inversion conditions. Maintain boom height as low as possible during application. Apply to Skeleton weed at least 6 weeks prior to sowing and avoid or minimise subsequent cultivation.	
Wheat, Barley (post emergent)	As above (see label for comprehensive list)	700ml	<u>Crop stage</u> : Apply from first node stage (Z31) until the boot can be felt at the base of the stem (Z37).	
<b>Comments</b>				
Do not apply within 2km of potentially sensitive/susceptible aquatic areas, town sites or non-target vegetation (see label for definitions). Phenoxy herbicides can cause severe damage to susceptible crops (e.g. cotton, oilseeds, grapes and tomatoes).				
<b>CARE:</b> Ester formulations produce volatile vapours which under certain conditions can travel kilometres. 4Farmers 2,4-D Ester 800 formulated as the Isobutyl ester is measurably less volatile than Ethyl ester products. Application on cereals outside label recommended timing can cause crop damage and yield reductions*.				
<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.