

2, 4-D Ester 800

Similar to: *Estercide 800®*

Active Constituent	2, 4-D as the Isobutyl Ester 800g/L		Formulation	EC
Typical Situations	Registered for use in Western Australia only; Wheat, barley, fallow, including prior to sowing winter broadacre crops and non-legume pastures (see registration section).			
Chemical Group	I	Mode of Action	Foliar and some root uptake, readily translocated – causes unregulated growth.	
Price ex GST	\$7.52/L	Typical Pack Size	20L, 110L, 1000L	
Poison Schedule	6	Dangerous Goods Class	-	UN -
Withholding Period	Harvest	Not required when used as directed.		
	Grazing	Do not graze or cut for stock food for 7days post application.		
Plant Back	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.			
Application Method	Boom spray 50-120L/ha, DO NOT APPLY AERIALLY			Rain fastness 6 hours
Efficacy	Do not spray on stressed weeds.			
Adjuvants	None Required			
Compatibility	Atrazine, Brown Out, Clopyralid, Chlorsulfuron, Dicamba, Diuron, Fluroxypyr, Glyphosate, Metsulfuron-methyl, Paraquat, Simazine, Triclopyr, Ammonium Sulphate and Farmpro 700.			
Incompatibility	Group A herbicides, Chlorpyrifos, Diuron in crop.			
Water Quality	Hard water (>200ppm calcium carbonate) and salty (>750mS/NaCl) water may reduce efficacy.			
Time to Effects and Symptoms	3-7 days – twisting stems and cupping leaves, 7-10 days – chlorosis at growing point, 10-56 days – wilting and death.			
4F Broadacre Registrations	Wheat, barley, fallow and non-legume pasture (extract listed).			
4F Other Registrations	-			
Similar Product Registrations	As above.			
Situation	Target Weed/s	Rate/ha	Comments	
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).	
Comments				
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).				
CARE: 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*.				
NOTE: 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.				

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