

**CAUTION**  
**KEEP OUT OF REACH OF CHILDREN**  
**READ SAFETY DIRECTIONS BEFORE**  
**OPENING OR USING**



**GENEREX**

## **2,4-D ESTER 800 L HERBICIDE**

**ACTIVE CONSTITUENT: 800g/L 2,4-D**  
**(present as the ETHYL/BUTYL ESTERS)**

**GROUP II HERBICIDE**

For the control of broadleaf weeds in cereals, pasture,  
sugar cane, Non-Crop and playing areas  
as per the Directions For Use Table.

**THIS LEAFLET IS PART OF THE LABEL**

**GENEREX AUSTRALIA PTY LTD**  
Level 12, Gateway  
1 Macquarie Place  
Sydney NSW 2000  
ACN 063 490 120

APVMA Approval No: 49673/01

# DIRECTIONS FOR USE:

DO NOT spray if rain is likely within 4 hours.

DO NOT spray if weeds are wet.

DO NOT spray if weeds or crop are under stress from drought, low soil fertility, frost or water logging.

Situation & Crop	Weeds Controlled	State	Rate/ha	Critical Comments
Wheat, Barley, Triticale, Cereal Rye (not SA, WA)	Refer to Weeds Table	WA only Qld, NSW only SA only Vic only	500 to 700mL 350 to 700mL 200 to 700mL 175 to 700mL	Weed Stage: apply at rosette to pre-flowering. Crop Stage: Qld: mid tillering to before boot stage Zadoks Scale (Z15-39); NSW, SA: fully tillered to early jointing (Z29-39); Vic: fully tillered to boot stage (Z30-40); WA: Z 15-33, except Jacup, Aroona and Cranbrook Z16/17 to Z 33; DO NOT apply from the boot to milk stage or in the seedling stage. DO NOT use on 2,4-D-susceptible varieties such as Jacup. DO NOT use on cereals undersown with legumes.
Oats		Qld, NSW only	470mL	Apply after the dough stage of the crop. The application requires 10-20 days to take effect. When the desiccation of a large amount of green matter is required, allow 14 days before harvest. Rain between application and harvest can negate results. NOTE: If thistles are tall and branching above the crop, spraying can cause branches to bend down into crop and lead to blockages in header combs. Application can also cause seeds to mature and increase seed contamination. DO NOT spray to crops with undersown legumes.
Improved Pasture containing clover.		Qld, NSW, SA only	350 to 700mL	Clover must be well covered by the grass or extensive damage could occur.
Pastures (without legumes), Non- agricultural areas, Golf Fairways, Playing areas		Qld, NSW, WA only Vic SA	700mL to 4.0L 700mL to 4.4L 350mL to 4.0L	Weed Stage: Apply at seedling to pre-flowering. Use lower rate for seedlings. Increase rate as plants mature. Repeat spray as necessary. Black Birdweed: Variable control may result from this use. Californian Thistle: Repeat applications may be necessary since this weed is a strong perennial and difficult to control. Perennial Ragweed: Variable results will occur since its perennial root system often makes established weeds difficult to control. DO NOT Mow for 2 days after treatment.
Rice		NSW only	1.0L	Apply as a post-flooding spray. DO NOT apply after head emergence.
Caribbean Stylo Forage and Seed Crops		Qld only	650mL to 1.3L	Apply post-emergence when crop is at least 3 weeks old and weeds are 3 weeks old.

Situation & Crop	Weeds Controlled	State	Rate/ha	Critical Comments
Common Stylo Forage and seed crops	Refer to weeds table	Qld only	650mL	Apply post-emergence when crop is at least 3 weeks old and weeds are 3 weeks old.
			2.1 to 4.0L 2.0 to 3.0L	Apply pre-emergence of crop. Apply post-emergence of crop as a directed spray.
Sugar Cane		Vic only	180 to 700mL	Do not sow within 2 weeks of application under wet conditions, and within 3 weeks of application under dry soil conditions, as crop establishment may be impaired. (In Qld sowing need not be delayed). If grasses are present, the product may be tank mixed with glyphosate, Gramoxone*, or Spray Seed*.
		NSW only	350 to 700mL	
Fallow, Stubble spray prior to Direct Drilling or sowing of Winter Cereals		Qld only		NSW: for Skeleton Weed control, application should only be made 6 to 8 weeks prior to sowing and subsequent cultivation kept to a minimum.
Fallow, Stubble spray prior to Direct Drilling or sowing Winter Cereals, Maize, Sweet Corn and Peanuts		Qld NSW, Vic, SA, WA only	1/1000th rate in Weeds table per 10L water	Apply by knapsack. Ensure good spray coverage of weeds. 10 litres of spray is sufficient for 100m <sup>2</sup> .
		NSW, SA WA only	4.0L/ha OR 400mL/100L water	
Spot Spraying (All situations)		Qld only	270mL/100L water	
Aquatic Areas	Water Hyacinth ( <i>Eichhornia crassipes</i> )			Apply pre-flowering. Avoid application to water surface as much as possible.

**NOT TO BE USED FOR ANY PURPOSE OR IN ANY MANNER CONTRARY TO THIS LABEL UNLESS  
AUTHORISED UNDER APPROPRIATE LEGISLATION.  
WITHHOLDING PERIOD: DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 7 DAYS AFTER APPLICATION.**

## WEED TABLE

WEEDS CONTROLLED	APPLICATION RATE PER HECTARE										CRITICAL COMMENTS									
	CROPS					PASTURES (without legumes) OR NON-CROP														
	Qld	NSW	Vic	SA	WA	Qld	NSW	Vic	SA	WA										
Amaranthus (Amaranthus spp.)	700mL	-	-	-	-	2.5-2.8L	2.5-2.8L	-	-	-	-	-	-	-	-	-	-	-	-	-
Apple of Sodom (Solanum hernandii)	-	-	-	-	-	2.5-2.8L	2.5-2.8L	-	-	-	2.5-2.8L	2.5-2.8L	-	-	-	-	-	-	-	-
Bat Mustard (Neslia paniculata)	-	-	-	700mL	-	1.4-2.8L	1.4-2.8L	-	-	-	1.4-2.8L	1.4-2.8L	-	-	-	-	-	-	-	-
Bathurst Burr (Xanthium spinosum)	-	700mL	-	-	-	1.4-2.8L	1.4-2.8L	-	-	-	1.4-2.8L	1.4-2.8L	-	-	-	-	-	-	-	-
Black Bindweed (Polygonum convolvulus)	700mL- 1.4L	700mL- 1.4L	-	-	-	1.4-2.8L	1.4-2.8L	-	-	-	1.4-2.8L	1.4-2.8L	-	-	-	-	-	-	-	-
Black Knapweed (Centaurea nigra)	-	-	-	-	-	1.4-2.8L	700mL	1.8L	-	-	1.4-2.8L	1.4-2.8L	-	-	-	-	-	-	-	-
Black Thistle (Cirsium vulgare)	-	-	-	-	-	1.4-2.8L	700mL	-	-	-	1.4-2.8L	1.4-2.8L	-	-	-	-	-	-	-	-
Boxthorn (Lycium spp.)	-	-	-	-	-	375mL	1.2L	-	-	-	1.4-2.8L	1.4-2.8L	-	-	-	-	-	-	-	-
Burfielo Burr (Solanum rostratum)	-	-	-	-	-	1.4-2.8L	1.4-2.8L	-	-	-	1.4-2.8L	1.4-2.8L	-	-	-	-	-	-	-	-
Callifolia Burr (Xanthium orientale)	-	700mL	-	-	-	1-1.4L	1-1.4L	1.4-2.8L	-	-	1-1.4L	1-1.4L	-	-	-	-	-	-	-	-
Callifolian Thistle (Cirsium arvense)	-	-	-	-	-	2.8-4L	2.8-3.5L	-	-	-	2.8-4L	2.8-4L	-	-	-	-	-	-	-	-
Callitrop (Tribulus terrestris)	-	500- 700mL	-	-	-	1.4-2.8L	1.4-2.8L	1.4-2.8L	-	-	1.4-2.8L	1.4-2.8L	-	-	-	-	-	-	-	-
Cape Tulips (Homera spp.)	700mL	700mL	-	700mL	700mL	1.4-2.8L	1.4-2.8L	1.4-2.8L	-	-	1.4-2.8L	1.4-2.8L	-	-	-	-	-	-	-	-
Capeweed (Arctotheca calendula)	700mL	700mL	-	700mL	700mL	1-1.4L	1-1.4L	1-1.4L	-	-	1-1.4L	1-1.4L	-	-	-	-	-	-	-	-
Charlock (Sinapis arvensis)	350mL	350mL	-	350mL	350mL	700mL	700mL	-	-	-	700mL	700mL	-	-	-	-	-	-	-	-
Clover (Trifolium spp.)	-	500-700mL	-	-	-	700mL	700mL	-	-	-	700mL	700mL	-	-	-	-	-	-	-	-
Cocksbur (Centaurea spp.)	-	-	-	-	-	700mL	700mL	-	-	-	700mL	700mL	-	-	-	-	-	-	-	-
Colocynth (Citrullus colocynthis)	-	-	-	-	-	1.4-2.8L	1.4-2.8L	1.4-2.8L	-	-	1.4-2.8L	1.4-2.8L	-	-	-	-	-	-	-	-
Common Plantain (Plantago lanceolata)	700mL	700mL	-	-	-	1.4-2.8L	1.4-2.8L	1.4-2.8L	-	-	1.4-2.8L	1.4-2.8L	-	-	-	-	-	-	-	-
Corn Gromwell (Buglossoides arvensis)	-	700mL	-	-	-	1-1.4L	1-1.4L	-	-	-	1-1.4L	1-1.4L	-	-	-	-	-	-	-	-
(Sheepweed)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cumbungi (Scheuchzeria palustris)	-	-	-	-	-	5.6L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dandelion (Taraxacum officinale)	700mL	700mL	-	-	-	1.8-2.1L	1.8-2.1L	-	-	-	1.8-2.1L	1.8-2.1L	-	-	-	-	-	-	-	-
Decandrite (Herbit) (Lamium amplexicaule)	-	700mL	-	700mL	700mL	1.4-2.1L	1.4-2.1L	-	-	-	1.4-2.1L	1.4-2.1L	-	-	-	-	-	-	-	-
Docks (Rumex spp.)	700mL	700mL	-	700mL	700mL	1.3L	-	-	-	-	1.3L	-	-	-	-	-	-	-	-	-
Fat Hen (Chenopodium album)	700mL	700mL	-	-	-	700mL-1L	700mL-1L	4L	-	-	4L	4L	-	-	-	-	-	-	-	-
Flawed (Hypochoeris spp.)	-	700mL	-	-	-	2.8L	2.8L	2.8L	-	-	2.8L	2.8L	-	-	-	-	-	-	-	-
Galahnsed Burr (Sclerolobena bichii)	-	-	-	-	-	250mL	2.8L	-	-	-	250mL	2.8L	-	-	-	-	-	-	-	-
Golden Thistle (Scolymus hispanicus)	-	700mL	-	-	-	2.8L	2.8L	2.8L	-	-	2.8L	2.8L	-	-	-	-	-	-	-	-
Goosefoots (Chenopodium spp.)	-	-	-	-	-	2.8L	2.8L	2.8L	-	-	2.8L	2.8L	-	-	-	-	-	-	-	-
Groundsel (Senecio spp.)	-	-	-	-	-	2.8L	2.8L	2.8L	-	-	2.8L	2.8L	-	-	-	-	-	-	-	-
Hemlock (Conium maculatum)	-	-	-	-	-	2.8L	2.8L	2.8L	-	-	2.8L	2.8L	-	-	-	-	-	-	-	-

**WEED TABLE cont.**

**APPLICATION RATE PER HECTARE**

**WEEDS CONTROLLED**

**CROPS**

**PASTURES (without legumes) OR NON-CROP**

**CRITICAL COMMENTS**

	Qld	NSW	Vic	SA	WA	Qld	NSW	Vic	SA	WA	
Hexham Scent (King Island Mellot)	700mL	700mL	700mL	700mL	-	1-1.4L	1-1.4L	-	1-1.4L	1-1.4L	Spray from multiple leaf to rosette stage.
Hoary Cress	700mL	700mL	700mL	700mL	-	1.4-2.8L	1.4-2.8L	1.4-2.8L	1.4-2.8L	1.4-1.8L	Spray from late rosette to pre-flowering stage.
Hogweed (Wireweed)	700mL	700mL	700mL	700mL	-	1-1.4L	1-1.4L	-	1-1.4L	1-1.4L	Spray from multiple leaf to rosette stage.
Horehound	-	-	-	-	-	1.4-2.8L	1.4-2.8L	1.4-2.8L	1.4-2.8L	-	Spray in late autumn to early spring.
Horehound (seedlings)	-	-	-	-	-	1.4-2.8L	1.4-2.8L	-	1.4-2.8L	-	Spray only young seedlings.
Knaki Weed	-	-	-	-	-	700mL-1L	700mL-1L	-	350mL	-	
lylcat Speedwell	700mL	700mL	-	-	-	-	-	-	-	-	
Lesser Speedwell	-	-	-	-	-	-	-	-	-	-	
Veronica hederifolia	-	-	-	-	-	-	-	-	-	-	
Coronopus didymus	-	-	-	-	-	-	-	-	-	-	
(Bittercress)	-	-	-	-	-	-	-	-	-	-	
Lincoln Weed	700mL	-	-	700mL	-	600-800mL	600-800mL	-	600-800mL	600-800mL	Lower rate for seedlings, higher rate for rosette.
London Rocket	-	-	-	500mL	-	-	-	-	-	-	Spray when weeds are 100-150mm high.
Lupins	-	-	700mL	-	-	-	-	-	-	-	Spray from multiple leaf to rosette stage.
Melons - Camel, Paddy	-	350-700mL	-	-	-	-	-	-	-	-	
Mexican Poppy	700mL	700mL	-	-	-	700mL-1L	700mL-1L	-	700mL-1L	700mL-1L	Spray at rosette stage before flowering.
Mignonette	700mL	700mL	-	-	-	-	-	-	-	-	
Mintweed	700mL	700mL	-	-	-	700mL-1L	700mL-1L	-	700mL-1L	700mL-1L	Spray multiple leaf to rosette stage.
Musweed	-	-	700mL	-	-	-	-	-	-	-	In Crop: Spray multiple leaf to rosette stage;
Musweeds	-	-	275mL	200mL	500mL	700mL-1L	700mL-1L	2.8L	700mL-1L	700mL-1L	In Pasture: Spray seedling stage only.
Mustards	350mL	350mL	-	-	-	-	-	-	-	-	Spray multiple leaf to rosette stage
Netles (Stinging Nettles)	-	-	700mL	-	-	-	-	-	-	-	
New Zealand Spinach	-	700mL	-	-	-	-	-	-	-	-	
(Tetragonia tetragonoides)	-	-	-	-	-	-	-	-	-	-	
Nodding Thistle	-	700mL	-	-	-	2.8L	1-1.4L	2.8L	2.8L	1-1.4L	Spray from rosette stage to pre-flowering.
Noogoora Burr	-	700mL	-	-	-	1.4-2.8L	1.4-2.8L	1.4-2.8L	1.4-2.8L	1.4-2.8L	Spray at seedling stage, before flowering.
Nutgrass	-	-	-	-	-	2.8L	-	-	2.8-4.4L	-	Spray within 4 weeks of tillage emergence. A repeat spray will be necessary.
Onion Weed	-	-	-	2.8L	-	-	-	-	-	-	
(Nottoscordium gracile)	-	-	-	-	-	-	-	-	-	-	
Pateron's Curse	-	-	-	-	-	-	-	-	-	-	
(Echium plantagineum)	-	-	-	-	-	-	-	-	-	-	
(Salvation Jane)	-	-	-	-	-	-	-	-	-	-	
Perennial Ragweed	700mL	700mL	-	700mL	700mL	700mL-1L	700mL-1L	1.4-2.8L	1.4-2.8L	700mL	Spray from seedling to rosette stage.
Ragwort	-	-	-	-	-	-	1.4L	-	-	1.4L	
(Senecio jacobaea)	-	-	-	-	-	-	-	-	-	-	
Rapeseed	-	-	-	-	-	2.8-4L	2.8-4L	4.4L	2.8-4L	2.8-4L	Spray from rosette stage to cabbage stage.
(Brassica rapa sivestris)	-	-	-	-	-	2.8L	2.8L	2.8L	2.8L	2.8L	Spray from multiple-leaf stage to rosette stage.
Rapistrum Weed	-	350-700mL	-	-	-	-	-	-	-	-	Spray when weeds 100-150mm high.
(Rapistrum rugosum)	-	-	-	-	-	-	-	-	-	-	
Red Fumitory	-	700mL	-	500mL	500mL	2.1-2.8L	2.1-2.8L	-	2.1-2.8L	2.1-2.8L	Spray from seedling to rosette stage.
(Fumaria spp.)	-	-	-	-	-	-	-	-	-	-	
Rough Poppy	-	350-700mL	-	700mL	-	700mL	700mL	-	700mL	700mL	Spray at multiple leaf stage.
(Papaver Rhubarum)	-	-	-	-	-	-	-	-	-	-	
Sawtooth	-	350-700mL	-	350mL	-	-	-	-	-	-	
(Carrhurus trincobus)	-	-	-	-	-	-	-	-	-	-	
Saffron Thistle	700mL	700mL	550mL	700mL	700mL	1.1L	1.1L	700mL-1.4L	1.1L	1.1L	In Crops: Spray at multiple leaf to rosette stage;
(Carrhurus lanatus)	-	-	-	-	-	-	-	-	-	-	In Pastures: Spray at rosette stage.



# GENERAL INSTRUCTIONS

## Mixing

Premix the required amount of the product with an equal quantity of water before adding to the spray tank and stirring. Agitate while spraying.

## Application

Apply the product in sufficient water to give good coverage for all foliage (30 - 250 litres per hectare).

## Compatibility

This product can be tank mixed with Generex Chlorsulfuron, Paraquat, atrazine and glyphosate.

All mixtures should be tested prior to mixing commercial quantities.

## Resistant Weed Warning

Generex 2,4-D Ester 800L Herbicide is a member of the phenoxy group of herbicides. Generex 2,4-D Ester 800L herbicide has the disruptor of plant cell growth mode of action. For weed resistance management Generex 2,4-D Ester 800L Herbicide is a Group I Herbicide.

Some naturally occurring weed biotypes resistant to Generex 2,4-D Ester 800L Herbicide and other phenoxy herbicides may exist through normal genetic variability in any weed population. The resistant individuals can eventually dominate the weed population if these herbicides are used repeatedly. These resistant weeds will not be controlled by Generex 2,4-D Ester 800L Herbicide or any other phenoxy herbicide.

Since the occurrence of resistant weeds is difficult to detect prior to use, Generex Australia Pty Ltd accepts no liability for any losses that may result from the failure of Generex 2,4-D Ester 800L Herbicide to control resistant weeds.

## PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

Do not use under meteorological conditions or from spraying equipment which could be expected to cause drift onto nearby susceptible plants and crops such as cotton, tobacco, tomatoes, vines, lupins, fruit trees and ornamentals.

## PROTECTION OF WILDLIFE, FISH, CRUSTACEA AND ENVIRONMENT

Dangerous to fish. DO NOT contaminate streams, rivers or waterways with the chemical or used containers.

## **STORAGE AND DISPOSAL**

Store in the closed, original container in a well ventilated area as cool as possible. Do not store for prolonged periods in direct sun light. Triple or preferably pressure rinse containers before disposal. Add rinsings to the spray tank. Do not dispose of undiluted chemicals on site. Break, crush or puncture and bury empty containers in a local authority landfill. If no landfill is available, bury the containers below 500mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should not be burnt.

## **SAFETY DIRECTIONS**

Poisonous if swallowed. Avoid contact with eyes and skin. Do not inhale spray mist. When preparing spray wear PVC or rubber apron, elbow length PVC gloves and face shield. When using the prepared spray wear a face shield. If product gets on skin, immediately wash area with soap and water.

After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. After each day's use wash gloves, face shield and contaminated clothing.

## **FIRST AID**

If poisoning occurs contact a doctor or Poisons Information Centre PHONE AUSTRALIA -TEL 131 126.

If swallowed, and if more than 15 minutes from a hospital, induce vomiting, preferably using Ipecac Syrup APF.

For further information refer to Material Safety Data Sheet.

## **TERMS OF SALE**

Generex Australia Pty Ltd ("Generex") will not be held liable for any loss, injury or damage, indirect or consequential, arising from the sale, supply, use or application of this product. The product is not to be used for any purpose or in any way contrary to label instructions.

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