

## Clethodim 240 EC

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<b>Active Constituent</b>	Clethodim 240g/L		<b>Formulation</b>	EC
<b>Typical Situations</b>	Canola, chickpeas, faba beans, field peas, lentils and lupins (see registration section).			
<b>Chemical Group</b>	A	<b>Mode of Action</b>	Foliar uptake, slow upward translocation – inhibits fatty acid production and disrupts growth.	
<b>Price ex GST</b>	\$13.60/L	<b>Typical Pack Size</b>	20L, 110L, 1000L	
<b>Poison Schedule</b>	5	<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 21 days post application.		
<b>Plant Back</b>	N/A			
<b>Application Method</b>	Boom spray 50-150L/ha, 20-30L/ha aerially.		<b>Rain fastness</b>	2 hours
<b>Efficacy</b>	Use with adjuvants, higher water rates and small to medium droplets to maximise coverage and optimise efficacy. Application in low light or late afternoon will assist weed control as active ingredient is rapidly degraded by sunlight.			
<b>Adjuvants</b>	Crop oil and Ammonium sulphate.			
<b>Compatibility</b>	Grass selective herbicides and insecticides (Alpha-Cypermethrin, Omethoate).			
<b>Incompatibility</b>	Acifluorfen, Bentazone, Diflufenican and MCPA.			
<b>Water Quality</b>	Hard and saline water can reduce efficacy.			
<b>Time to Effects and Symptoms</b>	7-10 days - purpling and yellowing on shoots followed by death.			
<b>4F Broadacre Registrations</b>	Canola, chickpeas, faba beans, field peas, lentils, lupins and others (extract listed).			
<b>4F Other Registrations</b>	Various horticultural crops and forestry situations (see label).			
<b>Similar Product Registrations</b>	As above.			
<b>Situation</b>	<b>Target Weed/s</b>	<b>Rate/ha</b>	<b>Comments</b>	
Canola, Chickpeas, Field Peas, Faba Beans, Lentils, Lupins	Annual Ryegrass, Barley grass, Volunteer Barley, Volunteer Wheat, Brome grass, Wild oats, Silver grass Application from 2 leaf stage	175-500ml	Always apply with Speedy Spray (Hasten) at 1% (1L/100L) or Turbo Charge at 0.5% (500ml/100L). Volunteer cereals require 500ml/ha.	
<b>Comments</b>				
<b>CARE:</b> Application rates above 500ml/ha can cause damage to Canola crops.				
<b>CARE: Do not apply to the following crops after the growth stages listed</b> (crop damage and yield loss will occur):				
Canola: First visible buds (green)				
Chickpeas: Full flowering				
Faba beans: Full flowering				
Field peas: Full flowering				
Lentils: 7 <sup>th</sup> node/early branching				
Lupins: 80% of flowers opened				
<b>Do not</b> apply more than once to a crop in a single season.				
<b>Do not</b> apply to weeds stressed by water or temperature.				
Atrazine can antagonise Clethodim (up to 20% reduction in efficacy, possible crop damage); the use of Ammonium sulphate can reduce the impact.				
Commonly mixed with other grass herbicides for increased ryegrass control.				