

# s-Metolachlor 960 EC

Similar to: Dual Gold®

<b>Active Constituent</b>	s-Metolachlor 960g/L			<b>Formulation EC</b>		
<b>Typical Situations</b>	Wheat, barley, canola, oats, triticale and certain pastures (see registration section and label).					
<b>Chemical Group</b>	K	<b>Mode of Action</b>	Root (broadleaf only) and shoot (broadleaf and grass) uptake – inhibit VLC fatty acids, cell division and growth.			
<b>Price ex GST</b>	\$10.32		<b>Typical Pack Size</b>	20L, 110L, 1000L		
<b>Poison Schedule</b>	5	<b>Dangerous Goods Class</b>	-	<b>UN</b> -		
		<b>Harvest</b>	Not required when used as directed (broadacre crops).			
<b>Withholding Period</b>		<b>Grazing</b>	Do not graze or cut cereals for 8 weeks, canola for 10 weeks and all other crops including pastures for 13 weeks for stock food.			
<b>Plant Back</b>	6 months for crops not labelled.					
<b>Application Method</b>	Boom spray at least 60L/ha			<b>Rain fastness</b> N/A		
<b>Efficacy</b>	Sufficient rainfall is required within 10 days of application to move product 30-40mm into the soil profile, allowing contact and uptake through weed roots and shoots.					
<b>Adjuvants</b>	-					
<b>Compatibility</b>	Atrazine, Fluometuron, Glyphosate, Paraquat, Prometryn & Triasulfuron.					
<b>Incompatibility</b>	-					
<b>Water Quality</b>	-					
<b>Time to Effects and Symptoms</b>	Weeds will often not emerge as this product is a pre-emergent herbicide. If emergence is evident, weeds should be quite retarded and uncompetitive.					
<b>4F Broadacre Registrations</b>	Wheat, barley, canola, oats, triticale and certain pastures (extract listed).					
<b>4F Other Registrations</b>	Various irrigated and horticultural crops (see label).					
<b>Similar Product Registrations</b>	As above.					
Situation	Target Weed/s	Rate/ha	<b>Comments</b>			
Barley and Oats (pre-emergent)	Suppression of Annual Ryegrass (pre-emergent)	375 - 500ml	Post-sowing application must be before crop and weed emergence. Crop should be sown deeper than 40mm.			
Barley, Oats, Triticale, Wheat, Canola (pre-emergent)	Toad Rush	150 - 250ml	Can apply pre-sowing for incorporation by sowing (IBS) in min/no-till systems. Rain must fall within 10 days of application.			
Clover Pastures, Phalaris, Cocksfoot	Toad Rush	200 - 250ml	Apply prior to pasture emergence. Do not use in areas prone to water logging.			
<b>Comments</b>						
Do not apply to soils containing less than 5% clay in top 30cm of soil, or if soil exceeds 70% sand.						
Do not use more than once per year.						
<b>CARE:</b> Wheat is particularly sensitive to Metolachlor - separation of seed and chemical is very important to maximise crop safety.						
Use lower rates on lighter soils, and higher rate on heavier clay soils.						
Higher rates will provide longer residual control, and a higher level of control where heavy infestation is likely.						
Commonly mixed with Diuron (for Oat crops) or Trifluralin to increase efficacy and relieve some resistance pressure.						
Efficacy may be reduced in dryer conditions.						
s-Metolachlor 960 EC is comprised of a higher percentage of the more active s-Metolachlor active ingredient, and provides greater efficacy than Metolachlor.						
Approximately 0.5L s-Metolachlor 960 is equivalent to 0.75L Metolachlor 960 and 1L of Metolachlor 720.						
See Equivalent Product Rate Calculator in Appendix to assist with converting between Metolachlor 960 and s-Metolachlor 960 application rates.						