

# Atrazine 600 SC

Similar to: Gesaprim®

Active constituent	Atrazine 600g/L		Formulation	SC
Typical situations	TT canola, lupins, sorghum, maize, grass pasture, fallow and other (see registration section).			
Chemical group	5 (C)			
Mode of action	Root and some foliar uptake, upward translocation—disrupts photosynthesis, destroys cells.			
Typical pack size	20L, 110L, 1000L			
Poison schedule 5	Dangerous goods class –	UN –	Packing code –	
Withholding period	Harvest –			
	Grazing Do not graze or cut canola for hay for 15 weeks when applied pre-emergent and 6 weeks when applied post emergent. Do not graze or cut other crops for hay for 28 days.			
Plant back	6 months for rates up to 2L/ha, 18 months for rates above 2L/ha for all non-label crops.			
Application method	Boom spray 50–200L/ha, aerially 20–30L/ha (not TT canola).	Rain fastness 6hrs		
Efficacy	Pre-emergent applications require rainfall to move chemical to root zone. The addition of crop oil will enhance post-emergent activity (canola and maize only).			
Adjuvants	Non-ionic surfactant (Wetter 1000) for sorghum, crop oil (Turbo Charge or Speedy Spray) for maize and canola (post emergent).			
Compatibility	2, 4-D, Clopyralid, Diuron, Paraquat, Pendimethalin, Tri-Allate, Trifluralin, and most fungicides and pesticides. Use ammonium sulphate with Haloxyfop and Clethodim.			
Incompatibility	Slight antagonism with Glyphosate and Bipirydyls (Paraquat and Diquat).			
Water quality	Hard (>200ppm calcium carbonate), alkaline and saline water can reduce efficacy.			
Time to effects and symptoms	1–7 days—chlorosis.			
	14–21 days—death.			
4F Broadacre registrations	TT canola, lupins, sorghum, maize, grass pasture, fallow and other (extract listed).			
4F Other registrations	Plantations, roadside and rights of way (see label).			
Similar product registrations	As above.			

Situation	Target Weed/s	Rate/ha	Comments
TT Canola	<b>Apply only pre-sowing or post-sowing/pre-emergent:</b> Capeweed, charlock, clover, doublegee, fumitories, geranium, London rocket, mustards, turnips, Paterson's curse, silver grass <b>Suppression:</b> Annual ryegrass, barley grass, brome grass, wild oats, wild radish	1.7–3.3L	20–30mm of rain needs to fall 2–3 weeks post application for product to reach root zone. Apply on weeds up to 40mm high. 1% crop oil will enhance post-emergent activity.
	<b>Post-emergent:</b> Ryegrass (1–2-leaf), mustard, wild radish, turnip	830ml–1.7L	
Lupins (pre-sowing)	Capeweed, clovers, medics, doublegee, mustard, turnip, wild radish, wireweed, suppression of annual grass weeds	420–830 ml + 280–560 g Simazine 900WG	<b>Do not</b> use on whitish or grey sands. Reduce rates to 625ml/h 4Farmers Atrazine 600 SC plus 415g/ha of Simazine 900g/L on yellow sands.

## Comments

- **Do not** apply more than 3.3L/ha of 4Farmers Atrazine 600 SC in one year.
- When using water colder than 10°C use Speedy Spray crop oil.
- Atrazine uptake occurs through roots and foliage while Simazine uptake occurs mainly through roots.
- Atrazine is often used in a fire break tank mix to provide residual control.
- See Equivalent Product Rate Calculator in Appendix to assist with converting between Atrazine 600 SC and Atrazine 900 WG application rates.

