

# Amitrole 250

Similar to: *Amitrole T<sup>®</sup>*

Active constituent	Amitrole 250g/L, ammonium thiocyanate 220g/L		Formulation SL
Typical situations	Wheat, barley, vineyard, orchard, plantation and other (see registration section).		
Chemical group	30		
Mode of action	Foliar uptake, minimally translocated – inhibits carotenoid synthesis, disrupts chlorophyll production and photosynthesis.		
Typical pack size	20L		
Poison schedule 5	Dangerous goods class –	UN –	Packing code –
Withholding period	Harvest Do not apply to orchards/vines later than 56 days prior to harvest.		
	Grazing N/A		
Plant back	5 days for cereals.		
Application method	Boom spray 100L/ha	Rain fastness 6 hours	
Efficacy	Good coverage is essential to maximise efficacy. High rates may provide some soil residual.		
Adjuvants	Farmpro 700 is recommended at 0.1%.		
Compatibility	Glyphosate, 2, 4-D Amine, Simazine, Diuron, Sulfometuron-methyl, Fluroxypyr, Atrazine, Paraquat, Oxyfluorfen.		
Incompatibility	–		
Water quality	–		
Time to effects and symptoms	14–21 days—bleaching and chlorosis followed by brown out and loss of photosynthetic areas.		
4F Broadacre registrations	Wheat and barley pre-planting (extract listed).		
4F Other registrations	Vineyard, orchard, plantation, commercial, industrial and other (see label).		
Similar product registrations	<i>Amitrole T<sup>®</sup></i> is registered for pre-plant applications in oats, canola, faba beans, field peas, lupins and summer fallow.		

Situation	Target Weed/s	Rate/ha	Comments
Wheat and Barley – pre-sowing (not sandy soils)	Ryegrass, Wild oats	2.8–5.6L	Spray a <b>minimum of 5 days</b> prior to seeding. Seed at a depth of 50mm. Apply to grasses from 2–6 leaf stage.
Vineyards, Orchards (plants must be at least 3 years in age)	Broadleaf weeds and grasses (small and actively growing)	4–12L	Repeat application may be needed at 6–8 weeks.
		4–8L + Glyphosate @ label rate	Do not allow drift to come into contact with green stem/bark, suckers, fresh wounds or fruit.
Plantations	Ryegrass, Wild oats, Yorkshire Fog grass, Silver grass, Sand Brome, Capeweed, Clovers, Mouse Ear, Chickweed, Sowthistle, Spear thistle seedlings	5.6–8L + 1.6–2.2kg Atrazine 900WG	<b>Pre-planting</b> , apply no more than 2 weeks prior to planting, add Glyphosate if grasses are problematic. <b>Post-planting</b> , apply immediately after planting or within a month at the latest. <b>Do not apply</b> to pine seedlings.
Non-crop, Commercial and Industrial, etc. (see label)	Onion weed, Khaki weed, Docks, Heliotrope, Oxalis (Sour sob), Couch, Kikuyu, Fog grass, Sorrel and others (see label)	1.1L/100L water	Apply when weeds are actively growing, immediately prior to flowering. Respraying may be necessary.

## Comments

- Adjuvants are not required when mixing with Glyphosate.
- Corrosive to aluminium, copper and iron.
- Sandy soils or high rainfall immediately post-application may incur some crop damage, however effects will be scattered and not impact overall vigour.
- Commonly used with Glyphosate, Paraquat or soil residual herbicides (e.g. Atrazine) to increase control of ryegrass and broadleaf weeds.