

Propiconazole 500 EC

Similar to: *Tilt*[®] and *Throttle*[®]

Active constituent	Propiconazole 500 g/L			Formulation	EC
Typical situations	Wheat, barley, oats, various orchard, horticultural and irrigated crops and turf (see registration section).				
Diseases controlled	Base rot, barley scald, black sigatoka, brown rot, cordana leaf spot, crown rust, leaf speckle, leaf spot, powdery mildew (barley and wheat), rust, septoria nodorum blotch, septoria tritici blotch, spot form net blotch, stem rust, stripe rust and yellow spot.				
Chemical group	3				
Mode of action	Upwardly systemic in plant—provides protectant, curative and eradicated activity.				
Typical pack size	20L, 110L, 1000L				
Poison schedule	6	Dangerous goods class	–	UN	–
Withholding period	Harvest Do not harvest cereals for 4 weeks post application (see label for all situations). Grazing Do not graze or cut cereals for stock food for 7 days post application.				
Application method	Boom spray, aerially 10–20L/ha.			Rain fastness	1 hr
Efficacy	Apply at recommended timing for specific situations (ideally protecting the top 3 leaves in cereals), ensuring thorough canopy penetration and foliage coverage to maximise efficacy. Fungicidal activity only occurs within treated foliage—new foliage is not protected.				
Adjuvants	N/A				
Compatibility	Azinphos-methyl, Chlorothalonil, Copper Oxychloride, Demeton-s-methyl, Diazinon, Dimethoate, Mancozeb, Metalaxyl, Parathion, Propargite, Zineb and Triasulfuron.				
Incompatibility	Poor compatibility with concentrated fertiliser (e.g. UAN, trace elements) and many herbicides—can cause crop damage.				
Water quality	Hard water can cause flocculation (clumping)—perform jar test prior to use.				
4F Broadacre registrations	Wheat, barley and oats (extract listed).				
4F Other registrations	Various orchard, horticultural and irrigated crops and turf (see label).				
Similar product registrations	As above.				
Situation	Target diseases	Rate/ha	Comments		
Barley (Z21–29)	Powdery mildew, barley scald	75–250 ml	Higher rates provide longer protection. Apply the full rate for scald. A repeat spray may be required after 28 days.		
	Spot form net blotch	125–250 ml	Apply at 70% flag leaf emergence (Z38).		
Oats (Z39)	Stem rust	250 ml	Apply before average coverage exceeds 2 pustules per tiller.		
	Crown rust (also suppression of septoria leaf blotch)	125–250 ml	Ensure good coverage, higher rates supply longer protection, increase with disease risk.		
Wheat (Z30–69)	Stripe rust, septoria tritici blotch, yellow spot	125–250 ml	Some situations may require a follow up spray 21–28 days after the first application.		
	Powdery mildew, leaf rust	75–250 ml	Higher rates ensure prolonged protection.		
	Stem rust	250 ml	Ensure good coverage.		
Comments					
<ul style="list-style-type: none"> • Apply no more than 2 sprays to a cereal crop per season (important anti-resistance strategy). • Dangerous to aquatic organisms. • Can be detrimental to beneficial soil fungi (short term). 					
					