

Disclaimer:

This document is based on the results from an individual trial and may contain experimental use patterns that are currently off-label. **This document does not provide any interpretation and should not be taken as an endorsement of any unregistered use pattern.**

Professional advice should be sought for specific recommendations to ensure access to the most up to date information and knowledge.

Any product referred to in this document must be used strictly as directed, and in accordance with all label or permit instructions. Always consult the label prior to use.

The Impact of Foliar Fungicide Timing on Stripe Rust Management

Trial ID: RD1010

Location: Ducklo
Investigator: Rob Duncan

Trial Year: 2010

Objective:	To evaluate the impact of fungicide timing on stripe rust management in southern Qld	
Crop:	Wheat cv. EGA Wylie	
Planting Date:	12/07/2010	
Application:	T1	T2
Application Date:	9/09/2010	23/09/2010
Crop Stage at Application:	GS31/32	~GS49 (14 day delay)
Disease at Application:	Trace levels on 3rd or 4 th leaf from top of plant	~1% of leaf area on top 3 leaves
Volume:	70 L/ha	
Nozzles:	TT11001	
Keywords:	Stripe rust, wheat	

Trt No	Product & Rate	Application Timing	% Leaf Area Affected with Stripe Rust				
			23/09/2010 14 DAT1 Flag	23/09/2010 14 DAT1 Flag-1	23/09/2010 14 DAT1 Flag-2	23/09/2010 14 DAT1 Flag-3	20/10/2010 41 DAT1 27 DAT2 Flag
1	Untreated	-	1.1a	1.4 a	0.7 a	0.0	18.3a
2	Folicur 145 ml/ha	T1	0.0b	0.0 b	0.0 b	0.0	6.1bc
3	Folicur 290 ml/ha	T1	0.0b	0.0 b	0.0 b	0.0	9.2b
4	Folicur 145 ml/ha	T2					5.0cd
5	Folicur 290 ml/ha	T2					3.1de
6	Folicur 145 ml/ha x 2	T1 & T2					2.6ef
		P = LSD =	0.0082 arcs detransf	0.0001 arcs detransf	0.0409 arcs detransf	Not Analysed	0.0000 Log detransf

Treatment means followed by the same letter are not significantly different at P = 0.05

DAT1 = Days after Timing 1

DAT2 = Days after Timing 2

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Trt No	Product & Rate	Application Timing	Yield 16/11/2010 t/ha	Grain Quality					
				1000 Grain Weight g	Test Weight kg/hL	Screenings %	Moisture %	Protein %	Blackpoint %
1	Untreated	-	3.64 d	41	79.5bc	2.6a	13.0	11.9	1.2ab
2	Folicur 145 ml/ha	T1	3.73 cd	42	79.3c	2.4a	12.9	11.7	0.9bc
3	Folicur 290 ml/ha	T1	3.92 bc	44	80.4ab	1.9bc	12.9	11.5	0.6c
4	Folicur 145 ml/ha	T2	3.95 abc	43	80.7a	2.2ab	12.9	11.9	0.8bc
5	Folicur 290 ml/ha	T2	3.89 c	44	80.2abc	1.6c	13.1	11.9	0.7c
6	Folicur 145 ml/ha x 2	T1 & T2	4.16 a	44	80.6a	1.7c	12.9	11.9	0.9bc
		P =	0.0012	0.6095	0.0283	0.0007	0.2878	0.5705	0.0187
		LSD =	0.23	nsd	0.9	Log detransf	nsd	nsd	0.5

Yield cv 3.9%

nsd = No significant difference