Project:	**Fungicides for Powdery Mildew in Mungbean**
Trial:	**AM1304**
District:	**Mary's Mount**
Paddock History:	**Barley 2012**
Crop:	**Mungbean**
Variety:	**Crystal**
Harvest Date:	**11/04/2013**
Rowing Spacing (cm):	**100**

Application:	**T1**	**T2**	**T3**
Application date:	**28/02/2013**	**18/03/2013**	**Not applied**
Equipment:	**4m Quad-bike mounted boom**		
Nozzles:	**AIXR110015**		
Nozzle Pressure (kPa):	**300**		
Speed (km/hr):	**10.4**		
Volume (L/ha):	**70**		

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.

No powdery mildew was evident at T1 application

Trt No.	Treatment	Rate ml or g/ha	Adjuvant	Timing	Powdery Mildew 18/03/2013 18 DAT1				
					Severity Overall % leaf area affected	Incidence Overall % of leaves infected	Incidence Lower canopy % of leaves infected	Incidence Mid canopy % of leaves infected	Incidence Upper canopy % of leaves infected
1	Untreated	-	-	-	1	14	4	9	0
2	Gp 1 SF	500	-	T1	2	3	3	2	0
3	Gp 3 Ti	250	-	"	1	4	4	0	0
4	Gp 3/11 AX	200	-	"	0	1	0	0	0
5	Gp 3/11 AX	200	2% Adigor	"	0	2	1	2	0
6	Gp 11 Ca	500	-	"	1	3	2	1	0
7	Gp 1 SF x 2	500 x 2	-	T1 & T2					
8	Gp 3 Ti x 2	250 x 2	-	"					
9	Gp 3/11 AX x 2	200 x 2	2% Adigor	"					
10	Gp 11 Ca x 2	500 x 2	-	"					
11	Gp 3 Ti x 3	250 x 2	-	T1 & T2					
				P =	0.7	0.6	0.7	0.3	Not Analysed
				LSD =	nsd	nsd	nsd	nsd	

Trt No.	Treatment	Rate ml or g/ha	Adjuvant	Timing	Powdery Mildew 26/03/2013 26 DAT1					Mungbeans 11/04/2013 42 DAT1
					Severity Overall % leaf area affected	Incidence Overall % of leaves infected	Incidence Lower canopy % of leaves infected	Incidence Mid canopy % of leaves infected	Incidence Upper canopy % of leaves infected	Yield t/ha
1	Untreated	-	-	-	6.8 abc	33.9 a	19.5 a	14.7 a	0.3 b	1.09
2	Gp 1 SF	500	-	T1	9.8 a	43.7 a	19.5 a	18.4 a	2.9 a	1.34
3	Gp 3 Ti	250	-	"	8.3 ab	37.1 a	21.5 a	15.7 a	0.3 b	1.19
4	Gp 3/11 AX	200	-	"	3.0 abcd	10.9 b	9.0 bc	0.9 bc	0.3 b	1.16
5	Gp 3/11 AX	200	2% Adigor	"	0.3 de	0.9 cd	1.0 bcd	0.1 bc	0.0 b	1.18
6	Gp 11 Ca	500	-	"	4.7 abc	41.2 a	20.0 a	15.6 a	4.4 a	1.26
7	Gp 1 SF x 2	500 x 2	-	T1 & T2	1.8 bcde	11.0 b	9.5 b	3.8 b	0.0 b	1.30
8	Gp 3 Ti x 2	250 x 2	-	"	0.0 e	0.6 cd	0.5 cd	0.0 c	0.3 b	1.17
9	Gp 3/11 AX x 2	200 x 2	2% Adigor	"	0.0 e	0.0 d	0.0 d	0.0 c	0.0 b	1.27
10	Gp 11 Ca x 2	500 x 2	-	"	1.3 cde	7.3 bc	6.0 bcd	3.2 b	0.0 b	1.24
11	Gp 3 Ti x 3	250 x 2	-	T1 & T2	0.0 e	0.6 cd	0.5 cd	0.0 c	0.3 b	1.12
				P =	<0.01	<0.01	<0.01	<0.01	<0.01	0.10
				LSD =	log +1 transformation	sqrt(x+0.5) transformation	9	Arcsin(sqrt(x/100)) transformation	log +1 transformation	nsd
				CV=						9.3

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

Disease evident at application was bacterial blight. No evidence of powdery mildew. T1 applied before major rain event

nsd= No significant difference