

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.**

Powdery Mildew in Canola 2015 – Gatton

Trial ID: LB1525 **Location:** Gatton **Trial Year:** 2015
Investigator: Linda Bailey

Planting Date:	21/05/2015			
Application Code:	A	B	C	D
Application Date:	22/06/2015	31/07/2015	10/09/2015	21/09/2015
Crop Stage:	6 leaf	20% flowering	First sign of disease	2 weeks after Appln. C
Harvest Date:	2/11/2015			

Pest Name				Powdery Mildew		
Crop Name				Canola		
Crop Variety				Hyola 575CL		
Rating Date				21/09/2015	2/11/2015	
Rating Type				CANOPY HEIGHT	YIELD	OIL
Rating Unit				DISEASED	t/ha	%
Crop Stage Majority				%		
Plant-Evaluation Interval				60% Pods fully developed		
ARM Action Codes				123 DP1	165 DP1	
				AS	TY1	
Trt No.	Treatment	Product Rate	Appln. Code			
1	Untreated	-	-	76a	1.61-	43.0-
2	Prosaro	450ml/ha	A	69ab	2.01-	43.4-
3	Prosaro	450ml/ha	B	21c	2.14-	43.6-
4	Sumisclex	1000ml/ha	B	65ab	1.96-	43.3-
5	Prosaro	450ml/ha	A	28c	1.90-	43.3-
	Prosaro	450ml/ha	B			
6	Prosaro	450ml/ha	C	52b	1.87-	43.4-
7	Prosaro	450ml/ha	C	72a	1.97-	43.4-
	Prosaro	450ml/ha	D*			
8	Prosaro	450ml/ha	C	62ab	1.95-	43.4-
9	Prosaro	450ml/ha	D*	77a	1.60-	43.3-
LSD =				1.2t	nsd	nsd
CV =					13.1	
Treatment Prob.(F) =				0.0001	0.0857	0.9099

NB * Application D only made after disease assessment on 21/9/2015

Means followed by same letter do not significantly differ (P=.05, LSD)

t=Mean descriptions are reported in transformed data units, and are not de-transformed.

Mean comparisons performed only when AOV Treatment P (F) is significant at mean comparison OSL.

Missing data estimates are included in columns: Average=3, 5

nsd = No significant difference

ARM Action Codes

AS = Automatic square root transformation of X+0.5

TY1 = 1.0*[C2]

DP1 = Days after Planting

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Trial ID: LB1525

Location: Gatton

Trial Year: 2015

	A	B	C	D
Application Date:	22/06/2015	31/07/2015	10/09/2015	21/09/2015
Application Start Time:	10:30 AM	10:20 AM	11:30 AM	12:00 PM
Application Stop Time:	10:35 AM	10:30 AM	11:40 AM	12:10 PM
Application Method:	SPRAY			
Application Timing:	6 Leaf	20% Flowering	First sign of Disease	2 weeks after C
Air Temperature, Unit:	14 C	17 C	23 C	25 C
% Relative Humidity:	49	47	41	41
Wind Velocity, Unit:	2 km/h	2 km/h	7 km/h	10 km/h
Wind Direction:	E	E	E/NE	NW
Dew Presence (Y/N):	N no			
Soil Moisture:	DRY			
% Cloud Cover:	20	10	30	40
Next Moisture Occurred On:	24/06/2015	13/08/2015	17/09/2015	21/09/2015

Application Equipment				
	A	B	C	D
Application Equipment:	Quad mounted			
Equipment Type:	Boom			
Operation Pressure, Unit:	310 kPa			
Nozzle Type:	AIXR			
Nozzle Size:	110015			
Nozzle Spacing, Unit:	50 c m			
Nozzles/Row:	8			
Boom Length, Unit:	4 m			
Boom Height, Unit:	50 cm			
Ground Speed, Unit:	10.3 km/hr			
Spray Volume, Unit:	70 L/ha			