

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.

Late Application of Group A's to Chickpeas

Trial ID: LB1604

Location: Warra
Investigator: Linda Bailey

Trial Year: 2016

Planting Date:	20/05/2016	
Planting Equipment:	Small Plot Planter	
Row Spacing:	50cm	
Application Code:	A	B
Application Date:	8/08/2016	22/08/2016
Application Timing:	Flower Initiation	Full Flowering
Growth Stage at Application:	False Flowering (R0)	Full Flowering (R4)
Harvest Date:	15/11/2016	
Harvest Equipment:	Small Plot Header	

Trial designed as Randomised Complete Block and analysed as a Factorial

	In Simple Terms
Table of A Means:	Mean of 'Herbicide' performance with ALL 'Timing' treatments
Table of B Means:	Mean of 'Timing' performance with ALL 'Herbicide' treatments
Table of A x B Means:	'Herbicide' performance with EACH 'Timing' treatment

Is there a significant difference for
A x B Means ?

If YES

Table A x B Means analysis is the key
information

If NO (ie nsd)

Table A or Table B Means analysis is
the key information

Late Application of Group A's to Chickpeas

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Trial Year: 2016

Crop Name				Chickpea
Crop Variety				PBA Boundary
Assessment Date				15/11/2016
Assessment Type				YIELD
Assessment Unit				t/ha
Treatment-Evaluation Interval				105 DAA
CV %				4.9
ARM Action Codes				TY1
Trt No.	Treatment	Product Rate	Appln. Code	
	Untreated			2.87
TABLE OF A MEANS (Herbicide)				
1	Verdict 520 Uptake	50ml/ha 0.5% v/v		2.81-
2	Verdict 520 Uptake	100ml/ha 0.5% v/v		2.88-
3	Status Uptake	250ml/ha 0.5% v/v		2.86-
4	Status Uptake	500ml/ha 0.5% v/v		2.86-
5	Verdict 520 Status Uptake	50ml/ha 250ml/ha 0.5% v/v		2.90-
6	Verdict 520 Status Uptake	100ml/ha 500ml/ha 0.5% v/v		2.87-
7	Elantra Xtreme Uptake	125ml/ha 0.5% v/v		2.91-
8	Elantra Xtreme Uptake	190ml/ha 0.5% v/v		2.79-
TABLE OF B MEANS (Application Timing)				
1	Floral Initiation		A	2.86-
2	Full Flowering		B	2.86-

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Crop Name				Chickpea
Crop Variety				PBA Boundary
Assessment Date				15/11/2016
Assessment Type				YIELD
Assessment Unit				t/ha
Treatment-Evaluation Interval				105 DAA
CV %				4.9
ARM Action Codes				TY1
Trt No.	Treatment	Product Rate	Appln. Code	
Untreated				2.87
TABLE OF A x B MEANS (Herbicide x Application Timing)				
1	Verdict 520	50ml/ha	A	2.83-
	Uptake	0.5% v/v	A	
2	Verdict 520	100ml/ha	A	2.87-
	Uptake	0.5% v/v	A	
3	Status	250ml/ha	A	2.85-
	Uptake	0.5% v/v	A	
4	Status	500ml/ha	A	2.81-
	Uptake	0.5% v/v	A	
5	Verdict 520	50ml/ha	A	2.85-
	Status	250ml/ha	A	
	Uptake	0.5% v/v	A	
6	Verdict 520	100ml/ha	A	2.88-
	Status	500ml/ha	A	
	Uptake	0.5% v/v	A	
7	Elantra Xtreme	125ml/ha	A	2.93-
	Uptake	0.5% v/v	A	
8	Elantra Xtreme	190ml/ha	A	2.89-
	Uptake	0.5% v/v	A	
1a	Verdict 520	50ml/ha	B	2.78-
	Uptake	0.5% v/v	B	
2a	Verdict 520	100ml/ha	B	2.89-
	Uptake	0.5% v/v	B	
3a	Status	250ml/ha	B	2.88-
	Uptake	0.5% v/v	B	
4a	Status	500ml/ha	B	2.91-
	Uptake	0.5% v/v	B	
5a	Verdict 520	50ml/ha	B	2.94-
	Status	250ml/ha	B	
	Uptake	0.5% v/v	B	
6a	Verdict 520	100ml/ha	B	2.86-
	Status	500ml/ha	B	
	Uptake	0.5% v/v	B	
7a	Elantra Xtreme	125ml/ha	B	2.88-
	Uptake	0.5% v/v	B	
8a	Elantra Xtreme	190ml/ha	B	2.70-
	Uptake	0.5% v/v	B	

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

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

Late Application of Group A's to Chickpeas

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Location: Warra

Trial Year: 2016

FACTORIAL/POOLED ERROR AOV Chickpea - PBA Boundary 15/11/2016 YIELD t/ha 105DAA TY1 2						
Source	DF	Sum of Squares	Mean Square	F	Prob.(F)	LSD (.05)
Total	63	1.555555				
R	3	0.436703	0.145568	7.139	0.0005	
A	7	0.090347	0.012907	0.633	0.7261	0.14
B	1	0.000783	0.000783	0.038	0.8456	0.07
AB	7	0.110090	0.015727	0.771	0.6143	0.20
ERROR	45	0.917632	0.020392			

ARM Action Codes

$$TY1 = (10 / (1.9 * [1])) * [2]$$

DAA = Days after Application A

Application Description		
	A	B
Application Date:	2/08/2016	22/08/2016
Application Start Time:	1:30 PM	1:00 PM
Application Stop Time:	2:30 PM	2:10 PM
Application Method:	SPRAY	
Application Timing:	First Flower	Full Flowering
Air Temperature, Unit:	24 C	23 C
% Relative Humidity:	52	46
Wind Velocity, Unit:	6 km/h	10 km/h
Wind Direction:	N	
Dew Presence (Y/N):	No	
Soil Moisture:	DRY	
% Cloud Cover:	90	50
Next Moisture Occurred On:	3/08/2016	23/08/2016

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