

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.**

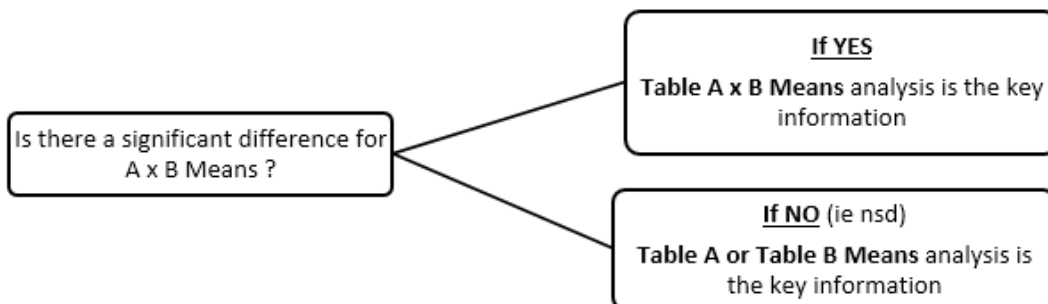
Late Application of Group A's to Chickpeas

Trial ID: AM1608	Location: Mullaley	Trial Year: 2016
	Investigator: Anthony Mitchell	

Planting Date:	17/06/2016	
Planting Equipment:	Commercial Planter	
Application Code:	A	B
Application Date:	11/09/2016	15/10/2016
Application Timing:	Flower Initiation	Full Flowering
Growth Stage Application:	RO (Prior to Flowering after Vegetative Growth Finishes)	R5 (Flower Collapses and Petal Senesce)
Harvest Date:	15/12/2016	
Harvested Plot:	14m x 2m	
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



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Location: Mullaley

Trial Year: 2016

Crop Name				Chickpea
Crop Variety				PBA HatTrick
Assessment Date				15/12/2016
Assessment Type				YIELD
Assessment Unit				t/ha
Treatment-Evaluation Interval				95 DAA
CV %				8.6
ARM Action Codes				TY1
Trt No.	Treatment	Product Rate	Appln. Code	
	Untreated			2.10
TABLE OF A MEANS (Herbicide)				
1	Verdict 520 Uptake	50ml/ha 0.5% v/v		2.02-
2	Verdict 520 Uptake	100ml/ha 0.5% v/v		2.08-
3	Status Uptake	250ml/ha 0.5% v/v		2.06-
4	Status Uptake	500ml/ha 0.5% v/v		1.93-
5	Verdict 520 Status Uptake	50ml/ha 250ml/ha 0.5% v/v		2.09-
6	Verdict 520 Status Uptake	100ml/ha 500ml/ha 0.5% v/v		1.94-
7	Elantra Xtreme Uptake	190ml/ha 0.5% v/v		2.01-
8	Uptake	0.5% v/v		1.95-
TABLE OF B MEANS (Timing)				
1	Floral Initiation		A	2.08a
2	Full Flower		B	1.95b

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Crop Name				Chickpea
Crop Variety				PBA HatTrick
Assessment Date				15/12/2016
Assessment Type				YIELD
Assessment Unit				t/ha
Treatment-Evaluation Interval				95 DAA
CV %				8.6
ARM Action Codes				TY1
Trt No.	Treatment	Product Rate	Appln. Code	
	Untreated			2.10
TABLE OF A x B MEANS (Herbicide x Timing)				
1	Verdict 520	50ml/ha	A	2.17-
	Uptake	0.5% v/v	A	
2	Verdict 520	100ml/ha	A	2.07-
	Uptake	0.5% v/v	A	
3	Status	250ml/ha	A	2.12-
	Uptake	0.5% v/v	A	
4	Status	500ml/ha	A	1.93-
	Uptake	0.5% v/v	A	
5	Verdict 520	50ml/ha	A	2.09-
	Status	250ml/ha	A	
	Uptake	0.5% v/v	A	
6	Verdict 520	100ml/ha	A	2.13-
	Status	500ml/ha	A	
	Uptake	0.5% v/v	A	
7	Elantra Xtreme	190ml/ha	A	2.06-
	Uptake	0.5% v/v	A	
8	Uptake	0.5% v/v	A	2.04-
1a	Verdict 520	50ml/ha	B	1.88-
	Uptake	0.5% v/v	B	
2a	Verdict 520	100ml/ha	B	2.09-
	Uptake	0.5% v/v	B	
3a	Status	250ml/ha	B	2.00-
	Uptake	0.5% v/v	B	
4a	Status	500ml/ha	B	1.93-
	Uptake	0.5% v/v	B	
5a	Verdict 520	50ml/ha	B	2.10-
	Status	250ml/ha	B	
	Uptake	0.5% v/v	B	
6a	Verdict 520	100ml/ha	B	1.75-
	Status	500ml/ha	B	
	Uptake	0.5% v/v	B	
7a	Elantra Xtreme	190ml/ha	B	1.97-
	Uptake	0.5% v/v	B	
8a	Uptake	0.5% v/v	B	1.86-

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.

ARM Action Codes

TY1 = 0.3401361*[1]

DAA = Days after Application A

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FACTORIAL/POOLED ERROR AOV Chickpea - PBA HatTrick 15/12/2016 YIELD t/ha 95 DAA TY1 2						
Source	DF	Sum of Squares	Mean Square	F	Prob.(F)	LSD (.05)
Total	63	3.164190				
R	3	0.879139	0.293046	8.880	0.0001	
A	7	0.225310	0.032187	0.975	0.4607	0.18
B	1	0.264271	0.264271	8.008	0.0069	0.09
AB	7	0.310514	0.044359	1.344	0.2523	0.26
ERROR	45	1.484957	0.032999			

Application Description		
	A	B
Application Date:	11/09/2016	5/10/2016
Application Start Time:	10:30 AM	7:30 AM
Application Stop Time:	12:30 PM	10:00 AM
Application Method:	SPRAY	
Application Timing:	AT START FLOWERING	FULL FLOWERING
Air Temperature, Unit:	20.3 C	15 C
% Relative Humidity:	43.5	43
Wind Velocity, Unit:	1.5 km/h	8 km/h
Wind Direction:	NW	SW
Soil Moisture:	SLIWET	DRY
% Cloud Cover:	80	0
Next Moisture Occurred On:	14/09/2016	

Application Equipment		
	A	B
Application Equipment:	Quad Bike	
Equipment Type:	BOOM SPRAY	
Operation Pressure, Unit:	300 kPa	
Nozzle Type:	AIXR	
Nozzle Size:	110015	
Nozzle Spacing, Unit:	50 cm	
Boom Length, Unit:	4 m	
Boom Height, Unit:	50 cm	
Ground Speed, Unit:	10.3 km/h	
Spray Volume, Unit:	70 L/ha	