Problem Weed Control in Chickpeas

Trial ID:	DK1709	Location:	North Star	Trial Year:	2017
		Investigator:	Denielle Kilby		

Objective:	To compare efficacy of chickpea pre-emergent herbicides against paradoxa grass	
Application Code:	**A**	**B**
Application Date:	**17/05/2017**	**17/05/2017**
Application Timing:	**Incorporated by Sowing**	**Post Sowing, Pre-Emergence**
Planting Date:	**17/05/2017**	
Planting Equipment:	**Commercial Single Disc Planter**	
Keywords:	**Chickpeas, residual**	
NB:	There was no weed emergence at this site. Only crop safety data was generated.	

Crop Name			**Chickpea**	
Crop Variety			**PBA HatTrick**	
Assessment Date			**7/06/2017**	
Assessment Type			**EMERGENCE**	
Assessment Unit			**/m²**	
Crop Stage Majority			**25**	
Plant-Evaluation Interval			**21 DP1**	
ARM Action Codes			**T1 ET9**	
Trt No.	**Treatment**	**Product Rate**	**Appln. Code**	
1	Untreated	-	-	20.4-
2	Sakura	118g/ha	A	26.3-
3	Boxer Gold	2500ml/ha	A	21.7-
4	Experimental 1	1800ml/ha	A	20.7-
5	Avadex Xtra	1600ml/ha	A	22.2-
6	TriflurX	1700ml/ha	A	19.7-
7	Avadex Xtra TriflurX	1600ml/ha 1700ml/ha	A	22.5-
8	Outlook	1000ml/ha	A	19.9-
10	Experimental 2	1000ml/ha	A	22.9-
11	Bladex	2200g/ha	A	22.4-
12	Rifle 440	2500ml/ha	A	25.5-
13	Terbyne Xtreme	700g/ha	B	25.5-
14	Terbyne Xtreme	1000g/ha	B	20.6-
15	Balance Simazine 900 DF	100g/ha 1000g/ha	B	26.5-
		LSD P=		nsd
		Treatment Prob.(F)=		0.2552

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.
Missing data estimates are included in columns: Average=2
nsd = No Significant Difference

Crop Stage Majority
25 = 5 side shoots visible
Plant-Evaluation Interval
21 DP1 = 1 CIEAR 17/05/2017
ARM Action Codes
T1 = ([C1]/4)/.38
ET9 = Excluded treatment 9
DP1 = Days after Planting

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Application Description	A	B
Application Date:	17/05/2017	17/05/2017
Application Start Time:	11:55 AM	2:00 PM
Application Stop Time:	1:00 PM	3:00 PM
Application Method:	SPRAY	SPRAY
Application Timing:	IBS	PSPE
Application Placement:	SOIL	
Air Temperature, Unit:	25 C	
% Relative Humidity:	21	
Wind Velocity, Unit:	2 m/s	
Wind Direction:	NE	ENE
Dew Presence (Y/N):	No	
Soil Moisture:	GOOD	
% Cloud Cover:	0	
Next Moisture Occurred On:	19/05/2017	19/05/2017

Application Equipment	A	B
Operation Pressure, Unit:	300 kPa	
Nozzle Type:	AIXR	
Nozzle Size:	110015	
Nozzle Spacing, Unit:	50 cm	
Nozzles/Row:	4	
Boom Length, Unit:	4 m	
Boom Height, Unit:	50 cm	
Ground Speed, Unit:	7.2 kph	
Carrier:	WATER	
Spray Volume, Unit:	100 L/ha	