

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.**

Residual weed control in chickpea 2014

Trial ID: LB1404 Location: Condamine Trial Year: 2014
 Protocol ID: NGA1402 Investigator: Linda Bailey

Planting Date:	21/05/2014		
Planting Equipment:	Commercial Tyne Planter		
Row Spacing:	70cm		
Application Code:	A	B	C
Application Date:	15/5/2014	23/5/2014	23/05/2014
Application Timing:	Pre-plant	PSPE	PSPE
	Very delayed planting		Double knock Balance Trt

Pest Name:						Liverseed Grass	
Scientific Pest Name:						<i>Urochloa panicoides</i>	
Crop Name:						Chickpea	
Crop Variety:						PBA HatTrick	
Rating Date:						16/06/2014	11/09/2014
Rating Type:						EMERGE	COUNT
Rating Unit:						/m ²	/m ²
Crop Stage Majority:						17	Podding
Days After First/Last Application:						32 24	119 111
Plant-Evaluation Interval:						26 DP-1	113 DP-1
ARM Action Codes:							AS
Trt No.	Treatment	Product Rate	Active Rate	Growth Stage	Appln Code	1	2
1	Untreated	-	-	-	-	18 d	32.3 bcd
2	Untreated	-	-	-	-	21 abc	81.2 ab
	Balance 750 WG	100 g/ha	75 g ai/ha	PSPE	C		
3	Sakura 850 WG	118 g/ha	100g ai/ha	PREPLA	A	19 cd	29.1 bcd
	Untreated	-	-	-	-		
4	Sakura 850 WG	118 g/ha	100g ai/ha	PREPLA	A	23 a	37.9 a-d
	Balance 750 WG	100 g/ha	75 g ai/ha	PSPE	C		
5	Outlook Herbicide	1000 ml/ha	720g ai/ha	PREPLA	A	20 bcd	40.2 a-d
	Untreated	-	-	-	-		
6	Outlook	1000 ml/ha	720g ai/ha	PREPLA	A	21 abc	48.6 abc
	Balance 750 WG	100 g/ha	75 g ai/ha	PSPE	C		
7	Boxer Gold	2500 ml/ha	2300g ai/ha	PREPLA	A	20 bcd	36.1 a-d
	Untreated	-	-	-	-		
8	Boxer Gold	2500 ml/ha	2300g ai/ha	PREPLA	A	20 a-d	37.0 a-d
	Balance 750 WG	100 g/ha	75 g ai/ha	PSPE	C		
9	Triflurx	1700 ml/ha	820g ai/ha	PREPLA	A	20 bcd	5.4 d
	Untreated	-	-	-	-		
10	Triflurx	1700 ml/ha	820g ai/ha	PREPLA	A	23 ab	31.4 bcd
	Balance 750 WG	100 g/ha	75 g ai/ha	PSPE	C		
11	Stomp 440	2250 ml/ha	990g ai/ha	PREPLA	A	19 cd	5.3 d
	Untreated	-	-	-	-		
12	Stomp 440	2250 ml/ha	990g ai/ha	PREPLA	A	21 abc	13.3 cd
	Balance 750 WG	100 g/ha	75 g ai/ha	PSPE	C		
13	Farmoz Exp	1000 ml/ha	500g ai/ha	PREPLA	A	21 abc	6.6 d
	Untreated	-	-	-	-		
14	Farmoz Exp	1000 ml/ha	500g ai/ha	PREPLA	A	23 a	31.7 bcd
	Balance 750 WG	100 g/ha	75 g ai/ha	PSPE	C		
15	Simagranz 900 DF	833 g/ha	750 g ai/ha	PSPE	B	20 bcd	72.5 ab
	Untreated	-	-	-	-		
16	Simagranz 900 DF	833 g/ha	750g ai/ha	PSPE	B	20 bcd	84.0 ab
	Balance 750 WG	100 g/ha	75 g ai/ha	PSPE	C		
17	Terbyne Xtreme 875 WG	860 g/ha	750g ai/ha	PSPE	B	18 cd	37.5 a-d
	Untreated	-	-	-	-		
18	Terbyne Xtreme 875 WG	860 g/ha	750g ai/ha	PSPE	B	19 cd	97.1 a
	Balance 750 WG	100 g/ha	75 g ai/ha	PSPE	C		
LSD						3.0	4.08t
Treatment Prob.(F)						0.0239	0.0082

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.

ARM Action Codes

AS = Automatic square root transformation of X+0.5

Rating Type

EMERGE = emergence

COU/m2 = count per square meter

Rating Unit /m2 = per square meterCrop Stage Majority

17 = 7 true leaves, leaf pairs or whorls unfolded

Plant-Evaluation Interval

26 DP-1 = 1 CIEAR May-21-2014

113 DP-1 = 1 CIEAR May-21-2014

Application Description

	A	B	C
Application Date:	15/5/14	23/5/14	23/5/14
Appl. Start Time:	12:40 PM	11:15 AM	11:30 AM
Appl. Stop Time:	1:40 PM	11:30 AM	12:00 PM
Application Method:	SPRAY	SPRAY	SPRAY
Application Timing:	PREPLA	PSPE	PSPE
Applied By:	L Bailey	L Bailey	L Bailey
Air Temperature, Unit:	24 C	20 C	24 C
% Relative Humidity:	42	74	64
Wind Velocity, Unit:	11.5 KPH	9.5 KPH	6 KPH
Wind Direction:	NE	NE	NE
Dew Presence (Y/N):	N no	N no	N no
Soil Moisture:	SLIWET	SLIDRY	SLIDRY
% Cloud Cover:	60	100	98
Next Moisture Occurred On:	23/5/14	24/5/14	24/5/14

Application Equipment

	A	B	C
Appl. Equipment:	Quadbike	Quadbike	Quadbike
Equipment Type:	SPRAYE	SPRAYE	SPRAYE
Operation Pressure, Unit:	300 kPa	300 kPa	300 kPa
Nozzle Type:	AIXR	AIXR	AIXR
Nozzle Size:	110015	110015	110015
Nozzle Spacing, Unit:	50 cm	50 cm	50 cm
Boom Length, Unit:	4 M	4 M	4 M
Boom Height, Unit:	0.5 M	0.5 M	0.5 M
Ground Speed, Unit:	10.3 KPH	10.3 KPH	10.3 KPH
Carrier:	WATER	WATER	WATER
Spray Volume, Unit:	70 L/ha	70 L/ha	70 L/ha