

Project: Residual grass control in chickpea
Trial ID: RN1412
Location: Mungindi
Planted: May 14 2014
Planting Equipment: Tyne planter
Row Spacing: 75cm
Variety: PBA HatTrick

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.

Application Code	Date	Crop stage
A	13/05/2014	Pre-plant
B	28/05/2014	PSPE

Trt No.	Herbicides	Rate (g or ml/ha)	Application Code	Chickpea Emergence/m ²	Wild Oats Count/m ²
				18/06/2014	
1	Untreated	-	-	11.8	8.5
2	Balance	100	B		5.4
3	Sakura	118	A	12.2	5.7
4	Sakura fb Balance	118 fb 100	A, B		2.8
5	Outlook	1000	A	11.1	2.5
6	Outlook fb Balance	1000 fb 100	A, B		3.1
7	Boxer Gold	2500	A	12.7	3.0
8	Boxer Gold fb Balance	2500 fb 100	A, B		2.4
9	Avadex Xtend	1330	A	13.6	2.2
10	Avadex Xtend fb Balance	1330 fb 100	A, B		3.4
11	Triflurx	1700	A	14.7	1.2
12	Triflurx fb Balance	1700 fb 100	A, B		2.9
13	Triflurx + Avadex Xtend	1500 + 1330	A	11.8	4.2
14	Triflurx + Avadex Xtend fb Balance	1500 + 1330 fb 100	A, B		3.0
15	Stomp 440	2250	A	12.2	3.4
16	Stomp 440 fb Balance	2250 fb 100	A, B		2.6
17	Experimental	1000	A	12.2	4.5
18	Experimental fb Balance	1000 fb 100	A, B		1.9
19	Terbyne Xtreme + Avadex Xtend	860 + 1330	A	13.3	3.7
20	Terbyne Xtreme + Avadex Xtend fb Balance	860 + 1330 fb 100	A, B		2.0
LSD (P=.05)				2.5	0.37t
Treatment Prob(F)				0.21	0.28

NB: 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.

Comments: A lot of variability in wild oat distribution and counts

Application Description		
	A	B
Application Date:	12/05/2014	19/05/2014
Appl. Start Time:	9.30am	11.30am
Appl. Stop Time:	10:30 AM	11:45 AM
Application Method:	SPRAY	SPRAY
Application Timing:	PREPLA	PSPE
Application Placement:	SOIL	SOIL
Applied By:	RN	RN
Air Temperature, Unit:	24 c	22.9 C
% Relative Humidity:	48.2	45
Wind Velocity, Unit:	7.6 kmh	9.5 kmh
Wind Direction:	NE	NNE
Dew Presence (Y/N):	N no	N no
Soil Moisture:	dry	Very Dry
% Cloud Cover:	0	0

Application Equipment	
	A and B
Application Equipment:	Quadbike
Equipment Type:	SPRAYE
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 KPH
Carrier:	WATER
Spray Volume, Unit:	70 L/ha