

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 wild oats control in chickpea 2014

Trial ID: LB1405 **Location:** Bowenville **Trial Year:** 2014
Protocol ID: NGA1402&3 **Investigator:** Linda Bailey

Planting Date:	17/06/2014	
Planting Equipment:	Commercial Disc Planter	
Row Spacing:	70cm	
Application Code:	A	B
Application Date:	12/6/2014	18/6/2014
Application Timing:	Pre-plant	PSPE

Pest Name:		Wild Oats		Volunteer
Scientific Pest Name:		<i>Avena sterilis ludoviciana</i>		Sorghum
Crop Name:		Chickpea		
Crop Variety:		PBA HatTrick		
Rating Date:		10/07/2014	08/08/2014	01/09/2014
Rating Type:		EMERGE	COUNT	COUNT
Rating Unit:		/m²	/m²	/m²
Crop Stage Majority:		2-4 leaf		
Days After First/Last Application:		28 22	57 51	81 75
Plant-Evaluation Interval:		23 DP-1	52 DP-1	76 DP-1
ARM Action Codes:			AL	AA

Trt No.	Treatment	Product Rate	Active Rate	Growth Stage	Appl. Code	1	2	3	4
1	Untreated	-	-	-	-	13 -	0.7 -	1.3 -	1.2 -
2	Untreated	-	-	-	-	14 -	0.8 -	1.2 -	0.3 -
3	Balance 750 WG	100 g/ha	75 g ai/ha	PSPE	B	13 -	0.3 -	0.2 -	0.9 -
4	Sakura 850 WG	118 g/ha	100 g ai/ha	PREPLA	A	14 -	0.2 -	0.3 -	0.8 -
5	Outlook	1000 ml/ha	720 g ai/ha	PREPLA	A	13 -	0.9 -	0.7 -	0.4 -
6	Outlook	1000 ml/ha	720 g ai/ha	PREPLA	A	14 -	0.7 -	1.3 -	0.2 -
7	Boxer Gold	2500 ml/ha	2300 g ai/ha	PREPLA	A	12 -	0.4 -	0.9 -	0.2 -
8	Boxer Gold	2500 ml/ha	2300 g ai/ha	PREPLA	A	14 -	0.6 -	0.8 -	0.5 -
9	Avadex Xtend	1300 ml/ha	780 g ai/ha	PREPLA	A	12 -	0.3 -	0.7 -	1.4 -
10	Avadex Xtend	1300 ml/ha	780 g ai/ha	PREPLA	A	13 -	0.6 -	2.1 -	0.6 -
11	Triflurx	1700 ml/ha	820 g ai/ha	PREPLA	A	14 -	0.5 -	0.5 -	0.0 -
12	Triflurx	1700 ml/ha	820 g ai/ha	PREPLA	A	14 -	1.0 -	1.7 -	0.1 -
13	Triflurx	1500 ml/ha	720 g ai/ha	PREPLA	A	13 -	0.4 -	0.6 -	0.1 -
14	Triflurx	1500 ml/ha	720 g ai/ha	PREPLA	A	15 -	1.0 -	2.5 -	0.1 -
15	Stomp 440	2250 ml/ha	990 g ai/ha	PREPLA	A	13 -	0.6 -	0.5 -	0.1 -
16	Stomp 440	2250 ml/ha	990 g ai/ha	PREPLA	A	15 -	0.4 -	0.4 -	0.0 -
17	Farmoz Exp	1000 ml/ha	500 g ai/ha	PREPLA	A	13 -	0.5 -	0.9 -	0.7 -
18	Farmoz Exp	1000 ml/ha	500 g ai/ha	PREPLA	A	13 -	0.3 -	0.6 -	0.7 -
19	Simagranz 900 DF	833 g/ha	750 g ai/ha	PSPE	B	13 -	0.5 -	0.8 -	0.5 -
20	Simagranz 900 DF	833 g/ha	750 g ai/ha	PSPE	B	15 -	1.1 -	1.9 -	0.4 -
21	Terbyne Xtreme 875 WG	860 g/ha	750 g ai/ha	PSPE	B	12 -	0.4 -	0.7 -	0.9 -
22	Terbyne Xtreme 875 WG	860 g/ha	750 g ai/ha	PSPE	B	14 -	0.7 -	1.2 -	1.0 -
23	Terbyne Xtreme 875 WG	860 g/ha	750 g ai/ha	PREPLA	A	12 -	0.2 -	0.1 -	2.2 -

Means followed by same letter do not significantly differ (P=0.05, 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.

Residual wild oats control in chickpea at Bowenville, 2014

Trial ID: LB1405H
Protocol ID: NGA1402&3

Location: Bowenville
Investigator: Linda Bailey

Trial Year: 2014

						Wild Oats			Sorghum
						<i>Avena sterilis ludoviciana</i>			
Pest Name:						Chickpea			
Scientific Pest Name:						HatTrick			
Crop Name:						10/07/2014	08/08/2014	01/09/2014	01/09/2014
Crop Variety:						EMERGE	COUNT	COUNT	COUNT
Rating Date:						/m ²	/m ²	/m ²	/m ²
Rating Type:						2-4 leaf			
Rating Unit:						28 22	57 51	81 75	81 75
Crop Stage Majority:						23 DP-1	52 DP-1	76 DP-1	76 DP-1
Days After First/Last Application:						AL	AA		
Plant-Evaluation Interval:									
ARM Action Codes:									
Trt No.	Treatment	Product Rate	Application Rate	Growth Stage	Appln Code	1	2	3	4
24	Terbyne Xtreme 875 WG	860 g/ha	750 g ai/ha	PREPLA	A	14 -	0.5 -	0.6 -	0.2 -
	Avadex Xtend	1300 ml/ha	780 g ai/ha	PREPLA	A				
	Balance 750 WG	100 g/ha	75 g ai/ha	PSPE	B				
LSD						NSD	NSD	NSD	NSD
Treatment Prob.(F)						0.0755	0.2761	0.4192	0.3884

Rating Type

EMERGE = emergence

COUNT = count

Rating Unit

/m² = per square meter

Plant-Evaluation Interval

23 DP-1 = 1 CIEAR Jun-17-2014

52 DP-1 = 1 CIEAR Jun-17-2014

76 DP-1 = 1 CIEAR Jun-17-2014

ARM Action Codes

AL = Automatic log transformation of X+1

AA = Automatic arcsine square root % transformation

Application Description

	A	B
Application Date:	12/6/14	18/6/14
Appl. Start Time:	12:45 PM	10:40 AM
Appl. Stop Time:	2:30 PM	11:00 AM
Application Method:	SPRAY	SPRAY
Application Timing:	PREPLA	PSPE
Applied By:	L Bailey	L Bailey
Air Temperature, Unit:	23 C	21 C
% Relative Humidity:	52	46
Wind Velocity, Unit:	5 KPH	6 KPH
Wind Direction:	N	S
Dew Presence (Y/N):	N no	N no
% Cloud Cover:	98	0
Next Moisture Occurred On:	15/6/14	20/6/14

Application Equipment

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