

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 Herbicides for Awnless Barnyard Grass Control in Chickpea 2015

Trial ID: **AM1529** Location: **Mullaley** Trial Year: **2015**
Investigator: **Anthony Mitchell**

Planting Date:	20/05/2015	
Planting Equipment:	Commercial Tyne Planter	
Row Spacing:	40cm	
Application Code:	A	B
Application Date:	18/05/2015	20/05/2015
Target/Stage:	Pre-plant IBS	PSPE

Pest Scientific Name				<i>Echinochloa colona</i> Awnless Barnyard Grass	
Pest Name					
Crop Name				Chickpea	
Crop Variety				PBA HatTrick	
Rating Date				17/06/2015	
Rating Type				EMERGENCE	
Rating Unit				/m ²	
Crop Stage Majority				3 leaf	
Pest Stage Majority				2-6 leaf	
Plant-Evaluation Interval				184 DP1	
ARM Action Codes				AS T1	
Trt No.	Treatment	Product Rate	Appl. Code		
1	Untreated	-	-	28-	254a
2	Untreated	-	-		224a-e
	Balance	100g/ha	B		
3	Sakura	118g/ha	A	33-	111ef
4	Sakura	118g/ha	A		131b-f
	Balance	100g/ha	B		
5	Outlook	1000ml/ha	A	36-	213a-e
6	Outlook	1000ml/ha	A		125b-f
	Balance	100g/ha	B		
7	Outlook	1000ml/ha	A	36-	230abc
	Gp G S	75g/ha	A		
8	Outlook	1000ml/ha	A		218a-e
	Gp G S	75g/ha	A		
	Balance	100g/ha	B		
9	Boxer Gold	2500ml/ha	A	33-	226a-d
10	Boxer Gold	2500ml/ha	A		221a-e
	Balance	100g/ha	B		
11	Triflurx	1700ml/ha	A	30-	187a-e
12	Triflurx	1700ml/ha	A		115def
	Balance	100g/ha	B		
13	Rifle	2250ml/ha	A	33-	31g
14	Rifle	2250ml/ha	A		16g
	Balance	100g/ha	B		
15	Untreated	-	A	35-	261a
16	Untreated	-	A		237ab
	Balance	100g/ha	B		
17	Terbyne Xtreme	1000g/ha	A	32-	222a-e
	Avadex Xtra	1600ml/ha	A		
18	Terbyne Xtreme	1000g/ha	A		173a-e
	Avadex Xtra	1600ml/ha	A		
	Balance	100g/ha	B		
19	Terbyne Xtreme	1000g/ha	A	33-	115c-f
	Triflurx	1700ml/ha	A		
20	Terbyne Xtreme	1000g/ha	A		63fg
	Triflurx	1700ml/ha	A		
	Balance	100g/ha	B		
21	Simagranz	1500g/ha	B	34-	183a-e
22	Simagranz	1500g/ha	B		229a-d
	Balance	100g/ha	B		

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Rating Type				EMERGENCE	COUNT
Rating Unit				/m ²	/m ²
Crop Stage Majority				3 leaf	
Pest Stage Majority					2-6 leaf
Plant-Evaluation Interval				28 DP1	184 DP1
ARM Action Codes					AS T1
Trt No.	Treatment	Product Rate	Appln. Code		
23	Terbyne Xtreme	1200g/ha	B	35-	198a-e
24	Terbyne Xtreme	1200g/ha	B		196a-e
	Balance	100g/ha	B		
25	Gp D R	1000ml/ha	B	32-	182a-e
26	Gp D R	1000ml/ha	B		159a-e
	Balance	100g/ha	B		
27	Rifle	1500ml/ha	B	33-	121b-f
	Balance	100g/ha	B		
LSD P=				nsd	4.45t
Treatment Prob.(F)=				0.3985	0.0001

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.

nsd = No significant difference

ARM Action Codes

AS = Automatic square root transformation of X+0.5

DP1 = Days after Planting

Application Description		
	A	B
Application Date:	18/05/2015	20/05/2015
Application Start Time:	10:00 AM	1:00 PM
Application Stop Time:	12:00 PM	3:00 PM
Application Timing:	Pre-Plant	PSPE
Air Temperature, Unit:	24.6 C	28 C
% Relative Humidity:	45	37.7
Wind Velocity, Unit:	5 km/h	15 km/h
Wind Direction:	NE	NW
% Cloud Cover:	0	90
Next Moisture Occurred On:	21/05/2015	

Application Equipment		
	A	B
Application Equipment:	Quadbike	
Equipment Type:	BOOM	
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