

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 grass control in wheat 2014

Trial ID: **AM1407** Location: **Baradine** Trial Year: **2014**
 Protocol ID: **NGA1401** Investigator: **Anthony Mitchell**

Planting Date:	7/05/2014
Planting Equipment:	Commercial Disc Planter
Row Spacing:	33cm
Application Date:	7/5/2014
Application Timing:	Pre-plant IBS

Pest Name: Scientific Pest Name: Crop Variety: Rating Date: Rating Type: Rating Unit: Crop Stage Majority: Plant-Evaluation Interval: ARM Action Codes:					Sunstate		Windmill grass <i>Chloris truncata</i>	
					10/06/2014 EMERGE m2 12 34 DP-1	28/07/2014 NDVI NDVI 30-32 82 DP-1	21/09/2014 COUNT m2 30-32 137 DP-1 AS T1	07/10/2014 RATING % Cover 153 DP-1
Trt No.	Treatment Name	Product Rate	Active Rate	Application Timing	1	2	4	5
1	Untreated	-	-	-	44.2ab	0.351-	8.6-	46.3-
2	Sakura 850 WG	118g/ha	100g ai/ha	Preplant	46.7a	0.336-	4.9-	37.5-
3	Sakura 850 WG Tackle 750 WG	118g/ha 20g/ha	100g ai/ha 15g ai/ha	Preplant	44.8ab	0.312-	5.0-	42.5-
4	Boxer Gold	2500ml/ha	2300g ai/ha	Preplant	39.3bc	0.323-	5.7-	40.0-
5	Avadex Xtend	1300ml/ha	780g ai/ha	Preplant	45.1ab	0.342-	7.9-	43.8-
6	Triflurx	2000ml/ha	960g ai/ha	Preplant	30.1d	0.325-	4.7-	41.3-
7	Stomp 440	1400ml/ha	616g ai/ha	Preplant	31.4d	0.340-	5.5-	33.8-
8	Triflurx Avadex Xtend	1500ml/ha 1300ml/ha	720g ai/ha 780g ai/ha	Preplant	32.2d	0.350-	6.3-	41.3-
9	Tackle 750 WG	20g/ha	15g ai/ha	Preplant	39.7bc	0.342-	4.9-	46.3-
10	Dual Gold	250ml/ha	240g ai/ha	Preplant	35.9cd	0.338-	8.5-	45.0-
11	Terbyne Xtreme 875 WG Avadex Xtend	860g/ha 1300ml/ha	750g ai/ha 780g ai/ha	Preplant	41.6abc	0.277-	4.3-	37.5-
LSD (P=.05)					6.90	0.0536	0.80t	13.86
Treatment Prob.(F)					0.0001	0.2736	0.3348	0.7303

<u>Pest Code</u> CHRTR, Chloris truncata,	<u>Plant-Evaluation Interval</u> 34 DP-1 = 1 TRZAS May-7-2014 82 DP-1 = 1 TRZAS May-7-2014 137 DP-1 = 1 TRZAS May-7-2014 153 DP-1 = 1 TRZAS May-7-2014
<u>Part Rated</u> SEEDLI = seedling C = Crop is Part Rated	<u>ARM Action Codes</u> AS = Automatic square root transformation of X+0.5 T1 = SQR ([4] + .5)
<u>Rating Type</u> EMERGE = emergence NDVI = normalized difference vegetation index COUNT = count	
<u>Rating Unit</u> m2 = square meter	
<u>Crop Stage Majority</u> 12 = 2 leaves unfolded	

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.

Application Description			
	A	B	C
Application Date:	7/5/14	7/5/14	20/7/14
Application Start Time:	10.00am	10.00am	11.00AM
Application Stop Time:	1:00 PM	1:00 AM	12:00 PM
Application Method:	SPRAY	SPRAY	SPRAY
Application Timing:	PREPLA	PREPLA	POEMCR
Air Temperature, Unit:	15 C	15 C	18 C
% Relative Humidity:	62	62	45
Wind Velocity, Unit:	10 KPH	10 KPH	5 KPH
Wind Direction:	SW	SW	W
% Cloud Cover:	30	30	0

Application Equipment			
	A	B	C
Application 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:	75 cm	75 cm	75 cm
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