

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.

Group A Plantbacks in Sorghum 2014

Trial ID: **LB1407** Location: **Bowenville** Trial Year: **2014**
 Protocol ID: **NGA1404** Investigator: **Linda Bailey**

Planting Date:	17/12/2014			
Planting Equipment:	Commercial MaxEmerge Planter			
Row Spacing:	76cm			
Application Code:	A	B	C	D
Application Date:	5/09/2014	18/09/2014	2/10/2014	20/12/2014
Target Stage:	Pre-plant			PSPE
Application Timing:	15 weeks prior plant	13 weeks prior plant	11 weeks prior plant	3 days post plant
NB: Planting was delayed due to lack of moisture				

Crop:				Sorghum MR43	
Rating Date:				5/01/2015	16/01/2015
Rating Type:				EMERGE	NDVI
Rating Unit:				/m ²	RATIO
Days After First/Last Application:				122 16	133 27
Plant-Evaluation Interval:				19 DP1	30 DP1
Trt No.	Treatment	Product Rate	Appln. Code		
1	Untreated	-	-	6.9a	0.44
2	Verdict	150ml/ha	A	5.8d-g	0.46
3	Elantra Xtreme	498ml/ha	A	6.1b-f	0.46
4	Shogun	900ml/ha	A	6.5a-d	0.45
5	Status	500ml/ha	A	6.3a-e	0.45
6	Topik	210ml/ha	A	6.0b-g	0.46
7	Verdict	150ml/ha	B	6.5abc	0.46
8	Elantra Xtreme	498ml/ha	B	6.5a-d	0.42
9	Shogun	900ml/ha	B	5.9c-g	0.43
10	Status	500ml/ha	B	6.7ab	0.50
11	Topik	210ml/ha	B	6.4a-e	0.45
12	Verdict	150ml/ha	C	6.4a-e	0.45
13	Elantra Xtreme	498ml/ha	C	5.8efg	0.44
14	Shogun	900ml/ha	C	6.4a-e	0.46
15	Status	500ml/ha	C	6.6abc	0.43
16	Topik	210ml/ha	C	6.1b-f	0.48
17	Verdict	150ml/ha	D	6.1b-f	0.44
18	Elantra Xtreme	498ml/ha	D	5.4fg	0.43
19	Shogun	900ml/ha	D	5.3g	0.41
20	Status	500ml/ha	D	6.3a-e	0.45
21	Topik	210ml/ha	D	6.0b-g	0.41
LSD				0.7	nsd
Treatment Prob.(F)				0.01	0.76

Rating Type

EMERGE = emergence

NDVI = normalized difference vegetation index

Rating Unit

/m² = per square meter

RATIO = ratio

Plant-Evaluation Interval

19 DP-1 = 1 SORVU 17/12/14

30 DP-1 = 1 SORVU 17/12/14

Means followed by same letter do not significantly differ (P=.05, LSD)

Application Description				
	A	B	C	D
Application Date:	5/09/2014	18/09/2014	2/10/2014	20/12/2014
Application Start Time:	9:20 AM	8:55 AM	10:35 AM	8:30 AM
Application Stop Time:	10:05 AM	9:40 AM	11:15 AM	9:25 AM
Application Method:	SPRAY			
Application Timing:	PREPLA			PSPE
Application Placement:	SOIL			
Applied By:	L Bailey			
Air Temperature, Unit:	18 C	19 C	23 C	24 C
% Relative Humidity:	38	31	43	52
Wind Velocity, Unit:	2 KPH	11 KPH	13 KPH	15 KPH
Wind Direction:	N	S	NE	NE
Dew Presence (Y/N):	N no			
% Cloud Cover:	30	0	5	0

Application Equipment				
	A	B	C	D
Application Equipment:	Quadbike			
Equipment Type:	SPRAYE			
Operation Pressure, Unit:	300 kPa			
Nozzle Type:	AIXR			
Nozzle Size:	110015			
Nozzle Spacing, Unit:	50 cm			
Ground Speed, Unit:	10.3 KPH			
Spray Volume, Unit:	70 L/ha			