

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 to Sorghum 2015

Trial ID: DK1503 Location: North Star Trial Year: 2015
Investigator: Denielle Kilby

Planting Date:	22/09/2015			
Planting Equipment:	Commercial Disc Planter			
Row Spacing:	150cm			
Application Code:	A	B	C	D
Application Date:	12/08/2015	24/08/2015	8/09/2015	23/09/2015
Application Timing:	6weeks Pre-plant	4weeks Pre-plant	2weeks Pre-plant	PSPE

Crop Name				Grain Sorghum		
Crop Variety				MR Taurus		
Description						Head Emergence
Rating Date				8/10/2015	17/11/2015	3/12/2015
Rating Type				EMERGENCE	NDVI	COUNT
Rating Unit				/m ²	Ratio	/m ²
Crop Stage Majority				13	24	65
Treatment-Evaluation Interval				57 DAA	97 DAA	113 DAA
ARM Action Codes				T1	ET5	
Trt No.	Treatment	Product Rate	Appl. Code			
1	Untreated	-	-	4.2-	0.826-	10.0-
2	Verdict	150ml/ha	A	4.1-	0.815-	
3	Gp A E	375ml/ha	A	4.0-	0.841-	
4	Shogun	900ml/ha	A	4.2-	0.839-	
5	Status	500ml/ha	A	3.9-	0.765	
6	Verdict	150ml/ha	B	4.3-	0.837-	
7	Gp A E	375ml/ha	B	5.1-	0.847-	
8	Shogun	900ml/ha	B	4.1-	0.817-	
9	Status	500ml/ha	B	4.6-	0.854-	
10	Verdict	150ml/ha	C	3.6-	0.833-	
11	Gp A E	375ml/ha	C	4.0-	0.876-	
12	Shogun	900ml/ha	C	3.9-	0.811-	
13	Status	500ml/ha	C	3.7-	0.811-	
14	Verdict	150ml/ha	D	4.0-	0.833-	9.9-
15	Gp A E	375ml/ha	D	4.7-	0.859-	8.7-
16	Shogun	900ml/ha	D	4.3-	0.820-	8.0-
17	Status	500ml/ha	D	4.1-	0.849-	10.0-
LSD P= Treatment Prob.(F)=				nsd 0.6672	nsd 0.7535	nsd 0.1754

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

Mean comparisons performed only when AOV Treatment P (F) is significant at mean comparison OSL.

nsd = No significant difference

Rating Type

NDVI = normalized difference vegetation index

HEAD EMERGENCE = no. heads /m²

Rating Unit

/m² = per square metre

Crop Stage Majority

13 = 3 leaves unfolded

24 = 4 tillers visible

65 = Full flowering: 50% of flowers open or 50% of plants in bloom

ARM Action Codes

ET5 = Excluded treatment 5

T1 = ([C1]/4)/1.5

DAA = Days after Application

Group A Plantback to Sorghum 2015
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Trial ID: DK1503	Location: North Star	Trial Year: 2015
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Application Description				
	A	B	C	D
Application Date:	12/08/2015	24/08/2015	8/09/2015	23/09/2015
Application Start Time:	8:30 AM	8:15 AM	7:30 AM	7:45 AM
Application Stop Time:	9:40 AM	9:45 AM	8:15 AM	8:30 AM
Application Method:	SPRAY			
Application Timing:	6WK PREPLANT	4WK PREPLANT	2WK PREPLANT	PSPE
Application Placement:	SOIL			
Air Temperature, Unit:	19.6 C	18.7 C	10 C	12.4 C
% Relative Humidity:	46	72	69	42
Wind Velocity, Unit:	23 km/h	25 km/h	17 km/h	21 km/h
Wind Direction:	NNW	N	SSW	SW
Soil Moisture:	DRY			
% Cloud Cover:	25	25	0	0

Application Equipment				
	A	B	C	D
Application Equipment:	Quad Bike			
Equipment Type:	BOOM			
Operation Pressure, Unit:	300 kPa			
Nozzle Type:	AIXR			
Nozzle Size:	015			
Nozzle Spacing, Unit:	50 cm			
Nozzles/Row:	8			
Boom Length, Unit:	4 m			
Boom Height, Unit:	50 cm			
Ground Speed, Unit:	10.3 km/h			
Carrier:	WATER			
Spray Volume, Unit:	70 L/ha			