

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.

Dual Gold Use Patterns 2015-16

Trial ID: **DK1502** Location: **North Star** Trial Year: **2015**
 Investigator: **Denielle Kilby**

Planting Date:	19/09/2015			
Planting Equipment:	Commercial Double Disc Planter			
Row Spacing:	100cm Single Skip configuration			
Application Code:	A	B	C	D
Application Date:	13/08/2015	31/08/2015	18/09/2015	21/09/2015
Target Application Timing:	6weeks Pre-plant	4weeks Pre-plant	2 weeks Pre-plant	PSPE
Actual Application Timing:	5 weeks Pre-plant	2 weeks Pre-plant	At Planting	PSPE

Pest Scientific Name				<i>Echinochloa colona</i>			
Pest Name				Awnless Barnyard grass			
Crop Name				Grain Sorghum	Grain Sorghum		
Crop Variety				MR Buster	MR Buster		
Rating Date				12/10/2015	13/11/2015	15/10/2015	19/11/2015
Rating Type				EMERGENCE	NDVI	COUNT	COUNT
Rating Unit				/m ²	Ratio	/m ²	/m ²
Crop Stage Majority				16	24	16	24
Treatment-Evaluation Interval				60 DAA	92 DAA	63 DAA	98 DAA
ARM Action Codes							
Trt No.	Treatment	Product Rate	Appl. Code				
1	Untreated	-	-	6.6-	0.849-	4-	603
2	Dual Gold	1000ml/ha	A	4.7-	0.742-	0-	203-
3	Dual Gold	2000ml/ha	A	5.8-	0.805-	0-	58-
4	Dual Gold	1000ml/ha	A	3.7-	0.837-	0-	69-
	Dual Gold	1000ml/ha	D				
5	Dual Gold	1000ml/ha	B	4.2-	0.756-	0-	84-
6	Dual Gold	2000ml/ha	B	5.8-	0.849-	2-	44-
7	Dual Gold	1000ml/ha	B	3.6-	0.813-	0-	67-
	Dual Gold	1000ml/ha	D				
8	Dual Gold	1000ml/ha	C	5.1-	0.783-	1-	96-
9	Dual Gold	2000ml/ha	C	6.6-	0.832-	1-	58-
10	Dual Gold	1000ml/ha	C	4.9-	0.793-	1-	82-
	Dual Gold	1000ml/ha	D				
11	Dual Gold	1000ml/ha	D	5.3-	0.827-	0-	112-
12	Dual Gold	2000ml/ha	D	4.4-	0.849-	1-	86-
			LSD P=	nsd	nsd	nsd t	nsd t
			Treatment Prob.(F)=	0.0697	0.0955	0.1442	0.6471

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

Rating Type

NDVI = normalized difference vegetation index

Rating Unit

/m² = per square meter

Crop Stage Majority

16 = 6 leaves unfolded

24 = 4 tillers visible

ARM Action Codes

AA = Automatic arcsine square root % transformation

AS = Automatic square root transformation of X+0.5

EC = Do not analyze untreated check, while still reporting treatment mean on AOV Means Table

DAA = Days after Application

Dual Gold Use Patterns 2015-16

Trial ID: DK1502

Location: North Star

Trial Year: 2015

Application Description				
	A	B	C	D
Application Date:	13/08/2015	31/08/2015	18/09/2015	21/09/2015
Application Start Time:	8:15 AM	9:25 AM	8:30 AM	9:30 AM
Application Stop Time:	9:00 AM	9:55 AM	9:00 AM	10:15 AM
Application Method:	SPRAY			
Application Timing:	PREPLA			PSPE
Air Temperature, Unit:	9.9 C	10.5 C	17.2 C	21.2 C
% Relative Humidity:	65	73	68	50
Wind Velocity, Unit:	20 km/h	10 km/h	15 km/h	20 km/h
Wind Direction:	SW	WSW	SW	NNE
Dew Presence (Y/N):	No			
Soil Moisture:	DRY			
% Cloud Cover:	0			
Next Moisture Occurred On:	25/08/2015	14/10/2015		

Application Equipment				
	A	B	C	D
Application Equipment:	Quadbike			
Equipment Type:	SPRAYER			
Operation Pressure, Unit:	300 kPa			
Nozzle Type:	AIXR			
Nozzle Size:	110015			
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			
Spray Volume, Unit:	70 L/ha			