

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: **LB1528** Location: **St Ruth** Trial Year: **2015**
 Investigator: **Linda Bailey**

Planting Date:	24/09/2015			
Planting Equipment:	Commercial Double Disc Planter			
Row Spacing:	90cm			
Application Code:	A	B	C	D
Application Date:	5/08/2015	21/08/2015	16/09/2015	28/09/2015
Application Timing:	7 Weeks Pre-Plant	5 Weeks Pre-Plant	1 Week Pre-Plant	PSPE

Pest Scientific Name				Grain Sorghum MR 43		<i>Urochloa panicoides</i> Liverseed Grass	
Pest Name							
Crop Name							
Crop Variety							
Rating Date				14/10/2015	26/11/2015	4/09/2015	14/10/2015
Rating Type				EMERGENCE	NDVI	COUNT	COUNT
Rating Unit				/m ²	Ratio	/m ²	/m ²
Crop Stage Majority				14	17	12	14
Pest Stage Majority							
Treatment-Evaluation Interval				70 DAA	113 DAA	30 DAA	70 DAA
ARM Action Codes				T2	ET8	AL T1	AA T3
Trt No.	Treatment	Product Rate	Appl. Code				
1	Untreated	-	-	6.6-	0.764-	77.8a	7.1a
2	Dual Gold	1000ml/ha	A	6.7-	0.786-	2.3b	2.2b
3	Dual Gold	2000ml/ha	A	6.7-	0.749-	0.4c	1.1bc
4	Dual Gold	1000ml/ha	A	6.6-	0.770-	2.5b	1.9bc
	Dual Gold	1000ml/ha	D				
5	Dual Gold	1000ml/ha	B	7.3-	0.764-	0.5c	1.4bc
6	Dual Gold	2000ml/ha	B	6.5-	0.776-	0.0c	0.2c
7	Dual Gold	1000ml/ha	B	6.6-	0.785-	0.6c	0.6bc
	Dual Gold	1000ml/ha	D				
8	Dual Gold	1000ml/ha	C	6.6-	0.741		1.0bc
9	Dual Gold	2000ml/ha	C	6.4-	0.779-		2.5b
10	Dual Gold	1000ml/ha	C	6.2-	0.749-		0.5bc
	Dual Gold	1000ml/ha	D				
11	Dual Gold	1000ml/ha	D	6.6-	0.779-		2.1b
12	Dual Gold	2000ml/ha	D	6.5-	0.787-		1.4bc
			LSD P=	nsd	nsd	nsd	5.73t
			Treatment Prob.(F)=	0.8526	0.1974	0.0001	0.0124

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

Pest Stage Majority

12 = 2 true leaves, leaf pairs or whorls unfolded

14 = 4 true leaves, leaf pairs or whorls unfolded

ARM Action Codes

ET8 = Excluded treatment 8

AL = Automatic log transformation of X+1

AA = Automatic arcsine square root % transformation

T2 = [C3]/3.6

T1 = LOG ([2] + 1)

T3 = Arcsine square root percent ([6])

DAA = Days after Application

Dual Gold Use Patterns 2015-16

Trial ID: LB1528

Location: St Ruth

Trial Year: 2015

Application Description				
	A	B	C	D
Application Date:	5/08/2015	21/08/2015	16/09/2015	28/09/2015
Application Start Time:	10:35 AM	10:30 AM	11:15 AM	10:50 AM
Application Stop Time:	10:45 AM	10:40 AM	11:25 AM	11:05 AM
Application Method:	SPRAY			
Application Timing:	PRE-PLANT			
Air Temperature, Unit:	12 C	20 C	24 C	21 C
% Relative Humidity:	41	60	47	47
Wind Velocity, Unit:	8 km/h	15 km/h	16 km/h	6 km/h
Wind Direction:	S	E	NW	NW
Dew Presence (Y/N):	No			
Soil Moisture:	DRY			
% Cloud Cover:	0	95	0	50
Next Moisture Occurred On:	25/08/2015	25/08/2015	17/09/2015	28/09/2015

Application Equipment				
	A	B	C	D
Application Equipment:	Quad Mounted			
Equipment Type:	Boom			
Operation Pressure, Unit:	310 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			