

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: **AM1536** Location: **Mary's Mount** Trial Year: **2015**
 Investigator: **Anthony Mitchell**

Planting Date:	18/09/2015			
Row Spacing:	100cm			
Crop:	Grain Sorghum			
Variety:	G33			
Application Code:	A	B	C	D
Application Date:	21/08/2015	17/09/2015	Timing not applied (planting brought forward)	21/09/2015
Target Application Timing:	6 weeks pre-plant	4 weeks pre-plant	2 weeks pre-plant	PSPE
Actual Application Timing:	4 weeks pre-plant	At Planting	Timing not applied	PSPE

Pest Scientific Name				<i>Echinochloa colona</i>	
Pest Name				Awnless Barnyard Grass	
Rating Date				18/11/2015	18/12/2015
Rating Type				COUNT	COUNT
Rating Unit				/m ²	/m ²
Pest Stage Majority				13	14
Treatment-Evaluation Interval				89 DAA	119 DAA
ARM Action Codes				T1	AS T2
Trt No.	Treatment	Product Rate	Appln. Code		
1	Untreated	-	-	148.7a	364.6a
2	Dual Gold Herbicide	1000ml/ha	A	43.0b	161.4b
3	Dual Gold Herbicide	2000ml/ha	A	5.3c	102.2c
4	Dual Gold Herbicide	1000ml/ha	A	6.7c	73.7cd
	Dual Gold Herbicide	1000ml/ha	D		
5	Dual Gold Herbicide	1000ml/ha	B	10.0c	161.6b
6	Dual Gold Herbicide	2000ml/ha	B	3.3c	55.1de
7	Dual Gold Herbicide	1000ml/ha	B	0.0c	25.7ef
	Dual Gold Herbicide	1000ml/ha	D		
8	Not Applied	1000ml/ha	C		
9	Not Applied	2000ml/ha	C		
10	Not Applied	1000ml/ha	C		
	Not Applied	1000ml/ha	D		
11	Dual Gold Herbicide	1000ml/ha	D	6.7c	109.4bc
12	Dual Gold Herbicide	2000ml/ha	D	0.0c	9.2f
			LSD P=	15.30	2.42t
			Treatment Prob.(F)=	0.0001	0.0001

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.

Pest Stage Majority

13 = 3 true leaves, leaf pairs or whorls unfolded

14 = 4 true leaves, leaf pairs or whorls unfolded

ARM Action Codes

AS = Automatic square root transformation of X+0.5

T1 = [C1]/0.25

T2 = SQR([4] + .5)

DAA = Days after Application

Dual Gold Use Patterns 2015-16

Trial ID: AM1536 Location: Mary's Mount Trial Year: 2015

Application Description				
	A	B	C	D
Application Date:	21/08/2015	17/09/2015	Not applied	21/09/2015
Application Start Time:	10:30 AM	11.00 AM		2.00 PM
Application Stop Time:	11:00 AM	12:00 PM		3:00 PM
Application Method:	SPRAY			SPRAY
Application Timing:	PREPLA			PSPE
Air Temperature, Unit:	26.5 C	25 C		25 C
% Relative Humidity:	32	22		48.5
Wind Velocity, Unit:	10 km/h	14 km/h		2 km/h
Wind Direction:	NW	W		SW
% Cloud Cover:	40	20		0
Next Moisture Occurred On:	23/08/2015			

Application Equipment				
	A	B	C	D
Application Equipment:	Quad bike		Not applied	Quad bike
Equipment Type:	Boom			Boom
Operation Pressure, Unit:	300 kPa			300 kPa
Nozzle Type:	AIXR			AIXR
Nozzle Size:	110015			110015
Nozzle Spacing, Unit:	50 cm			50 cm
Boom Length, Unit:	4 m			4 m
Boom Height, Unit:	50 cm			50 cm
Ground Speed, Unit:	10.3 km/h			10.3 km/h
Spray Volume, Unit:	70 L/ha			70 L/ha