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.

Knockdown Control of Summer Grasses in Fallow 2015-16

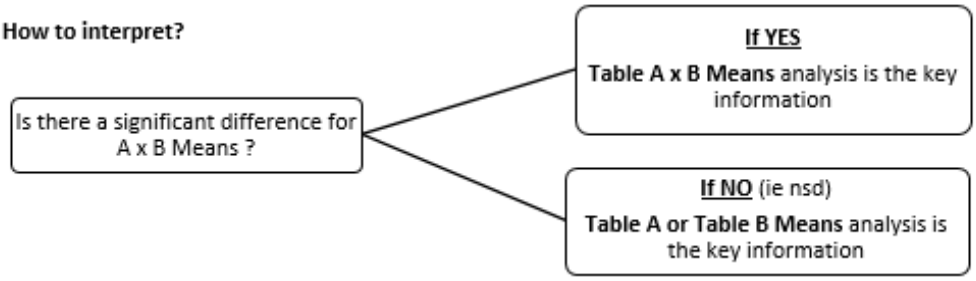
Trial ID: DK1507 **Location:** Goondiwindi **Trial Year:** 2016
Investigator: Denielle Kilby

Application Code:	**A**	**B**
Application Date:	**13/01/2016**	**19/01/2016**
Weed Stage Average :	**First Tiller**	**6 Days after Application A**
Weed Stage Range:	**First Tiller – Early Flower**	
Weed Density:	**38/m²**	

Trial designed and analysed as a Strip Plot

	In Simple Terms
Table of A Means:	Mean of 'first knock' performance with **ALL** 'second knock' treatments
Table of B Means:	Mean of 'second knock' performance with **ALL** 'first knock' treatments
Table of A x B Means:	'first knock' performance with **EACH** 'second knock' treatment

How to interpret?



Knockdown Control of Summer Grasses in Fallow 2015-16

Trial ID: DK1507 **Location:** Goondiwindi **Trial Year:** 2016

Trt No.	Treatment	Product Rate	Appln. Code			
Pest Scientific Name				*Dactyloctenium radulans*		
Pest Name				Button Grass		
Situation				Fallow		
Assessment Date				29/01/2016	9/02/2016	9/02/2016
Assessment Type				BURNDOWN	REGROWING	COUNT
Assessment Unit				%	%	/m^2
Treatment-Evaluation Interval				16 DAA	27 DAA	27 DAA
ARM Action Codes				AA	AL	AL
TABLE OF A x B MEANS (First Knock Herbicide without Second Knock)						
1	Glyphosate CT	1000ml/ha	A	73ef	4bc	13.6ab
2	Glyphosate CT	2000ml/ha	A	81def	3bc	3.5de
3	Glyphosate CT	4000ml/ha	A	99ab	0c	0.8fg
4	Gp A S Uptake Liase	375ml/ha 0.5% v/v 2% v/v	A	63fg	0c	11.5abc
5	Gp A S Uptake Liase	500ml/ha 0.5% v/v 2% v/v	A	33hi	4bc	10.4abc
6	Gp A V Uptake	100ml/ha 0.5% v/v	A	97abc	0c	2.8def
7	Gp A V Uptake	150ml/ha 0.5% v/v	A	97abc	0c	3.4de
8	Gp A V Uptake	300ml/ha 0.5% v/v	A	99ab	0c	5.3cde
9	Gp A E Uptake	250ml/ha 0.5% v/v	A	100a	0c	1.0fg
10	Gp A E Uptake	500ml/ha 0.5% v/v	A	100a	0c	0.0g
11	Nuquat	1600ml/ha	A	94bcd	0c	1.0fg
12	Nuquat	2400ml/ha	A	97abc	0c	0.8fg
13	Paratrooper	1600ml/ha	A	88cde	0c	2.0ef
14	Gp H B	100g/ha	A	18i	96a	19.7a
15	Nuquat Gp H B	1600ml/ha 50g/ha	A	25i	4bc	10.4abc
16	Nuquat Gp H B	1600ml/ha 100g/ha	A	50gh	20ab	6.1bcd

Knockdown Control of Summer Grasses in Fallow 2015-16

Trial ID: DK1507 **Location:** Goondiwindi **Trial Year:** 2016

Pest Scientific Name				*Dactyloctenium radulans*		
Pest Name				Button Grass		
Situation				Fallow		
Assessment Date				29/01/2016	9/02/2016	9/02/2016
Assessment Type				BURNDOWN	REGROWING	COUNT
Assessment Unit				%	%	/m^2
Treatment-Evaluation Interval				16 DAA	27 DAA	27 DAA
ARM Action Codes				AA	AL	AL
Trt No.	**Treatment**	**Product Rate**	**Appln. Code**			
TABLE OF A x B MEANS (First Knock Herbicide followed by Second Knock)						
1a	Glyphosate CT	1000ml/ha	A	100a	0c	0.0g
	Nuquat	1600ml/ha	B			
2a	Glyphosate CT	2000ml/ha	A	100a	1c	0.0g
	Nuquat	1600ml/ha	B			
3a	Glyphosate CT	4000ml/ha	A	100a	0c	0.0g
	Nuquat	1600ml/ha	B			
4a	Gp A S	375ml/ha	A	99ab	1c	0.0g
	Uptake	0.5% v/v	A			
	Liase	2% v/v	A			
	Nuquat	1600ml/ha	B			
5a	Gp A S	500ml/ha	A	99ab	2c	0.0g
	Uptake	0.5% v/v	A			
	Liase	2% v/v	A			
	Nuquat	1600ml/ha	B			
6a	Gp A V	100ml/ha	A	100a	0c	0.0g
	Uptake	0.5% v/v	A			
	Nuquat	1600ml/ha	B			
7a	Gp A V	150ml/ha	A	100a	0c	0.0g
	Uptake	0.5% v/v	A			
	Nuquat	1600ml/ha	B			
8a	Gp A V	300ml/ha	A	100a	0c	0.0g
	Uptake	0.5% v/v	A			
	Nuquat	1600ml/ha	B			
9a	Gp A E	250ml/ha	A	100a	0c	0.0g
	Uptake	0.5% v/v	A			
	Nuquat	1600ml/ha	B			
10a	Gp A E	500ml/ha	A	100a	0c	0.0g
	Uptake	0.5% v/v	A			
	Nuquat	1600ml/ha	B			
11a	Nuquat	1600ml/ha	A	100a	1c	0.0g
	Nuquat	1600ml/ha	B			
12a	Nuquat	2400ml/ha	A	100a	0c	0.0g
	Nuquat	1600ml/ha	B			
13a	Paratrooper	1600ml/ha	A	100a	0c	0.3g
	Nuquat	1600ml/ha	B			
14a	Gp H B	100g/ha	A	100a	0c	0.0g
	Nuquat	1600ml/ha	B			
15a	Nuquat	1600ml/ha	A	99ab	1c	0.0g
	Gp H B	50g/ha	A			
	Nuquat	1600ml/ha	B			
16a	Nuquat	1600ml/ha	A	99ab	1c	0.0g
	Gp H B	100g/ha	A			
	Nuquat	1600ml/ha	B			
TABLE OF B MEANS (Second Knock)						
1	Untreated	-	-	83-	1-	3.7-
2	Nuquat	1600ml/ha	B	100-	0-	0.0-

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

Knockdown Control of Summer Grasses in Fallow 2015-16

Trial ID: **DK1507** **Location:** **Goondiwindi** **Trial Year:** **2016**

Assessment Type
BURNDOWN = % burndown/brownout
REGROWING = % weeds regrowing
ARM Action Codes
AA = Automatic arcsine square root % transformation
AL = Automatic log transformation of X+1
DAA = Days after Application

COMPLETE STRIP-BLOCK AOV
***Dactyloctenium radulans* – Button Grass**
Fallow 29/01/2016
BURNDOWN % 16 DAA AA

Source	DF	Sum of Squares	Mean Square	F	Prob.(F)	LSD (.05)
Total	95	46949.584112				
R	2	4064.032145	2032.016072	32.272	0.0001	
A	15	12186.237922	812.415861	7.213	0.0001	12.5
RA	30	3378.830558	112.627685			
B	1	13288.032161	13288.032161	10.546	0.0832	31.2
RB	2	2519.967343	1259.983671			
AB	15	9623.547703	641.569847	10.189	0.0001	13.2
RAB	30	1888.936282	62.964543			

COMPLETE STRIP-BLOCK AOV For
***Dactyloctenium radulans* – Button Grass**
Fallow 9/02/2016
REGROWTH % 27 DAA AL

Source	DF	Sum of Squares	Mean Square	F	Prob.(F)	LSD (.05)
Total	95	34.814825				
R	2	1.301688	0.650844	3.722	0.0360	
A	15	9.223805	0.614920	1.932	0.0609	0.665
RA	30	9.548111	0.318270			
B	1	1.630299	1.630299	8.805	0.0973	0.378
RB	2	0.370293	0.185146			
AB	15	7.494277	0.499618	2.857	0.0070	0.697
RAB	30	5.246352	0.174878			

COMPLETE STRIP-BLOCK AOV
***Dactyloctenium radulans* – Button Grass**
Fallow 9/02/2016
COUNT /m^2 27 DAA AL

Source	DF	Sum of Squares	Mean Square	F	Prob.(F)	LSD (.05)
Total	95	24.212739				
R	2	2.089531	1.044765	25.601	0.0001	
A	15	3.397903	0.226527	5.133	0.0001	0.2
RA	30	1.324010	0.044134			
B	1	10.757507	10.757507	11.312	0.0782	0.9
RB	2	1.902017	0.951008			
AB	15	3.517502	0.234500	5.746	0.0001	0.3
RAB	30	1.224269	0.040809			

Knockdown Control of Summer Grasses in Fallow 2015-16

Trial ID: DK1507 **Location:** Goondiwindi **Trial Year:** 2016

Application Equipment		
	A	B
Application Equipment:	Quad Bike	
Equipment Type:	BOOM	
Operation Pressure, Unit:	300 kPa	
Nozzle Type:	AIXR	
Nozzle Size:	110015	
Nozzle Spacing, Unit:	50 cm	
Nozzles/Row:	4	
Boom Length, Unit:	4 m	
Boom Height, Unit:	50 cm	
Ground Speed, Unit:	7.2 km/h	
Carrier:	WATER	
Spray Volume, Unit:	100 L/ha	

Application Description		
	A	B
Application Date:	13/01/2016	19/01/2016
Application Start Time:	6:05 AM	8:30 AM
Application Stop Time:	8:20 AM	8:55 AM
Application Method:	SPRAY	
Application Timing:	Early Post-Em	6 DAA
Air Temperature, Unit:	27 C	24.5 C
% Relative Humidity:	57.5	54.9
Wind Velocity, Unit:	6.0 km/h	6.7 km/h
Wind Direction:	NNE	
Dew Presence (Y/N):	No	
Soil Moisture:	FAIR	
% Cloud Cover:	0	5
Next Moisture Occurred On:	16/01/2016	23/01/2016
Time to Next Moisture, Unit:	4 DAY	5 DAY