

Disclaimer:

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Knockdown Control of Summer Grasses in Fallow 2015-16 - Gunnedah

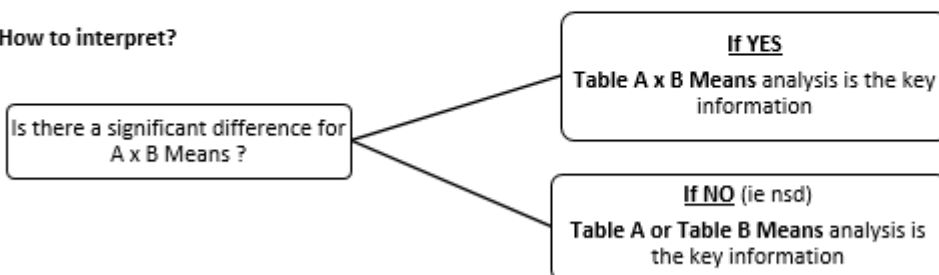
Trial ID: AM1542 Location: Gunnedah Trial Year: 2015
 Investigator: Anthony Mitchell

Application Code:	A	B
Application Date:	25/11/2015	3/12/2015
Weed Stage:	2-5 leaf	8 Days after Appln. A

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?



Pest Scientific Name				<i>Urochloa panicoides</i>	
Pest Name				Liverseed Grass	
Situation				Fallow	
Rating Date				11/12/2015	12/01/2016
Rating Type				BIO REDN	COUNT
Rating Unit				%	/m ²
Treatment-Evaluation Interval				16 DAA	48 DAA
ARM Action Codes					T1
Trt No.	Treatment	Product Rate	Appln. Code		
TABLE OF A MEANS (First Knock)					
1	Glyphosate CT	1000ml/ha	A	53cd	117a-e
2	Glyphosate CT	2000ml/ha	A	60c	110b-e
3	Glyphosate CT	4000ml/ha	A	78b	75e
4	Gp A S	375ml/ha	A	52cd	167a
	Uptake	0.5% v/v	A		
	Liase	2% v/v	A		
5	Gp A S	500ml/ha	A	52cd	148abc
	Uptake	0.5% v/v	A		
	Liase	2% v/v	A		
6	Gp A V	100ml/ha	A	52cd	139a-d
	Uptake	0.5% v/v	A		
7	Gp A V	150ml/ha	A	51cd	131a-d
	Uptake	0.5% v/v	A		
8	Gp A V	300ml/ha	A	51d	136a-d
	Uptake	0.5% v/v	A		
9	Gp E	250ml/ha	A	51d	149ab
	Uptake	0.5% v/v	A		
10	Gp A E	500ml/ha	A	51cd	125a-e
	Uptake	0.5% v/v	A		
11	Nuquat	1600ml/ha	A	80b	97de
12	Nuquat	2400ml/ha	A	97a	78e
13	Paratrooper	1600ml/ha	A	93a	97cde

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Crop Name				Fallow	
Rating Date				11/12/2015	12/01/2016
Rating Type				BIO REDN	COUNT
Rating Unit				%	/m ²
Treatment-Evaluation Interval				16 DAA	48 DAA
Trt No.	Treatment	Product Rate	Appln. Code		
14	Balance	100g/ha	A	50d	125a-e
15	Nuquat	1600ml/ha	A	93a	137a-d
	Balance	50g/ha	A		
16	Nuquat	1600ml/ha	A	94a	96de
	Balance	100g/ha	A		
TABLE OF B MEANS (Second Knock)					
1	Untreated	-	-	32b	175a
2	Nuquat	1600ml/ha	B	100a	66b
TABLE OF A x B MEANS (First Knock Herbicide without Second Knock)					
1	Glyphosate CT	1000ml/ha	A	7e	173-
	Untreated	-	-		
2	Glyphosate CT	2000ml/ha	A	20d	160-
	Untreated	-	-		
3	Glyphosate CT	4000ml/ha	A	57c	105-
	Untreated	-	-		
4	Gp A S	375ml/ha	A	3e	220-
	Uptake	0.5% v/v	A		
	Liase	2% v/v	A		
	Untreated	-	-		
5	Gp A S	500ml/ha	A	3e	207-
	Uptake	0.5% v/v	A		
	Liase	2% v/v	A		
	Untreated	-	-		
6	Gp A V	100ml/ha	A	4e	207-
	Uptake	0.5% v/v	A		
	Untreated	-	-		
7	Gp A V	150ml/ha	A	2e	193-
	Uptake	0.5% v/v	A		
	Untreated	-	-		
8	Gp A V	300ml/ha	A	2e	207-
	Uptake	0.5% v/v	A		
	Untreated	-	-		
9	Gp A E	250ml/ha	A	1e	213-
	Uptake	0.5% v/v	A		
	Untreated	-	-		
10	Gp A E	500ml/ha	A	3e	173-
	Uptake	0.5% v/v	A		
	Untreated	-	-		
11	Nuquat	1600ml/ha	A	60c	155-
	Untreated	-	-		
12	Nuquat	2400ml/ha	A	93ab	97-
	Untreated	-	-		
13	Paratrooper	1600ml/ha	A	85b	140-
	Untreated	-	-		
14	Balance	100g/ha	A	0e	195-
	Untreated	-	-		
15	Nuquat	1600ml/ha	A	85b	200-
	Balance	50g/ha	A		
	Untreated	-	-		

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Crop Name				Fallow	
Rating Date				11/12/2015	12/01/2016
Rating Type				BIO REDN	COUNT
Rating Unit				%	/m ²
Treatment-Evaluation Interval				16 DAA	48 DAA
Trt No.	Treatment	Product Rate	Appln. Code		
16	Nuquat	1600ml/ha	A	88ab	156-
	Balance	100g/ha	A		
	Untreated	-	-		
(First Knock Herbicide followed by Second Knock)					
1a	Glyphosate CT	1000ml/ha	A	100a	60-
	Nuquat	1600ml/ha	B		
2a	Glyphosate CT	2000ml/ha	A	100a	60-
	Nuquat	1600ml/ha	B		
3a	Glyphosate CT	4000ml/ha	A	100a	45-
	Nuquat	1600ml/ha	B		
4a	Gp A S	375ml/ha	A	100a	115-
	Uptake	0.5% v/v	A		
	Liase	2% v/v	A		
	Nuquat	1600ml/ha	B		
5a	Gp A S	500ml/ha	A	100a	89-
	Uptake	0.5% v/v	A		
	Liase	2% v/v	A		
	Nuquat	1600ml/ha	B		
6a	Gp A V	100ml/ha	A	100a	71-
	Uptake	0.5% v/v	A		
	Nuquat	1600ml/ha	B		
7a	Gp A V	150ml/ha	A	100a	68-
	Uptake	0.5% v/v	A		
	Nuquat	1600ml/ha	B		
8a	Gp A V	300ml/ha	A	100a	66-
	Uptake	0.5% v/v	A		
	Nuquat	1600ml/ha	B		
9a	Gp A E	250ml/ha	A	100a	85-
	Uptake	0.5% v/v	A		
	Nuquat	1600ml/ha	B		
10a	Gp A E	500ml/ha	A	100a	77-
	Uptake	0.5% v/v	A		
	Nuquat	1600ml/ha	B		
11a	Nuquat	1600ml/ha	A	100a	39-
	Nuquat	1600ml/ha	B		
12a	Nuquat	2400ml/ha	A	100a	59-
	Nuquat	1600ml/ha	B		
13a	Paratrooper	1600ml/ha	A	100a	55-
	Nuquat	1600ml/ha	B		
14a	Balance	100g/ha	A	100a	56-
	Nuquat	1600ml/ha	B		
15a	Nuquat	1600ml/ha	A	100a	75-
	Balance	50g/ha	A		
	Nuquat	1600ml/ha	B		
16a	Nuquat	1600ml/ha	A	100a	36-
	Balance	100g/ha	A		
	Nuquat	1600ml/ha	B		

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

Knockdown Control of Summer Grasses in Fallow 2015-16

Trial ID: AM1542

Location: Gunnedah

Trial Year: 2015

Rating Type

BIO REDN = biomass reduction

ARM Action Codes

T1 = [2]/0.25

DAA = Days after Application

COMPLETE STRIP-BLOCK AOV <i>Urochloa panicoides</i> - Liverseed Grass 11/12/2015 BIO REDN % 16 DAA						
Source	DF	Sum of Squares	Mean Square	F	Prob.(F)	LSD (.05)
Total	95	180228.906250				
R	2	244.562500	122.281250	2.092	0.1411	
A	15	32730.072917	2182.004861	37.325	0.0001	9
RA	30	1753.770833	58.459028			
B	1	110772.093750	110772.093750	905.880	0.0011	10
RB	2	244.562500	122.281250			
AB	15	32730.072917	2182.004861	37.325	0.0001	13
RAB	30	1753.770833	58.459028			

COMPLETE STRIP-BLOCK AOV <i>Urochloa panicoides</i> - Liverseed Grass 12/01/2016 COUNT /m ² 48 DAA T1						
Source	DF	Sum of Squares	Mean Square	F	Prob.(F)	LSD (.05)
Total	95	492833.703704				
R	2	48766.370370	24383.185185	36.012	0.0001	
A	15	62904.814815	4193.654321	2.244	0.0291	51
RA	30	56076.296296	1869.209877			
B	1	285725.629630	285725.629630	494.272	0.0020	21
RB	2	1156.148148	578.074074			
AB	15	17892.148148	1192.809877	1.762	0.0911	43
RAB	30	20312.296296	677.076543			

Application Description		
	A	B
Application Date:	25/11/2015	3/12/2015
Application Start Time:	6:00 AM	6:00 PM
Application Stop Time:	10:00 AM	8:00 PM
Application Method:	SPRAY	
Application Timing:	Early Post-Em	7-10 DAA
Air Temperature, Unit:	25 C	24 C
% Relative Humidity:	31.5	45
Wind Velocity, Unit:	5 km/h	15 km/h
Wind Direction:	NW	E
% Cloud Cover:	0	
Next Moisture Occurred On:	10/12/2015	
Time to Next Moisture, Unit:	16 DAY	7 DAY

Application Equipment		
	A	B
Application Equipment:	Quad Bike	
Operation Pressure, Unit:	300 kPa	
Nozzle Type:	AIXR	
Nozzle Size:	110015	
Nozzle Spacing, Unit:	50 cm	
Boom Length, Unit:	4 m	
Boom Height, Unit:	70 cm	
Ground Speed, Unit:	7.2 km/hr	
Spray Volume, Unit:	100 L/ha	