

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

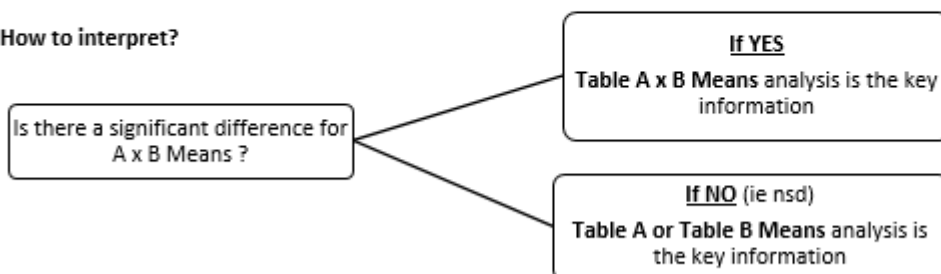
Trial ID: AM1543 Location: Gunnedah Trial Year: 2015
Investigator: Anthony Mitchell

Application Code:	A	B
Application Date:	25/11/2015	3/12/2015
Weed Stage Average:	90% - end of flowering	8 Days after Appln. A
Weed Stage Range:	6 leaf to late flowering	
Weed Size:	15cm diameter	
Weed Density:	20 m ²	

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>Chloris truncata</i>		
Pest Name	Windmill Grass		
Crop Name	Fallow		
Rating Date	11/12/2015	12/01/2016	12/01/2016
Rating Type	BROWN OUT	BIO REDN	COUNT
Rating Unit	%	%	m ²
Treatment-Evaluation Interval	16 DAA	48 DAA	48 DAA
Trt No.	Treatment	Product Rate	Appln. Code

TABLE OF A MEANS (First Knock)

1	Glyphosate CT	1000ml/ha	A	48ef	0f	11.2-
2	Glyphosate CT	2000ml/ha	A	46f	23de	14.2-
3	Glyphosate CT	4000ml/ha	A	52de	3ef	12.0-
4	Gp A S	375ml/ha	A	46f	0f	9.8-
	Uptake	0.5% v/v	A			
	Liase	2% v/v	A			
5	Gp A S	500ml/ha	A	47f	3ef	9.7-
	Uptake	0.5% v/v	A			
	Liase	2% v/v	A			
6	Gp A V	100ml/ha	A	46f	4ef	10.5-
	Uptake	0.5% v/v	A			
7	Gp A V	150ml/ha	A	45f	0f	10.3-
	Uptake	0.5% v/v	A			
8	Gp A V	300ml/ha	A	46f	2f	10.7-
	Uptake	0.5% v/v	A			
9	Elantra Xtreme	250ml/ha	A	47f	10ef	11.3-
	Uptake	0.5% v/v	A			
10	Elantra Xtreme	500ml/ha	A	55cd	49bc	8.8-
	Uptake	0.5% v/v	A			
11	Nuquat	1600ml/ha	A	58c	3ef	10.5-

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Pest Scientific Name Pest Name Crop Name Rating Date Rating Type Rating Unit Treatment-Evaluation Interval				<i>Chloris truncata</i> Windmill Grass Fallow		
				11/12/2015 BROWN OUT %	12/01/2016 BIO REDN %	12/01/2016 COUNT m ²
Trt No.	Treatment	Product Rate	Appln. Code	16 DAA	48 DAA	48 DAA
12	Nuquat	2400ml/ha	A	77a	3ef	9.3-
13	Paratrooper	1600ml/ha	A	65b	8ef	9.5-
14	Gp H B	100g/ha	A	48ef	63ab	10.3-
15	Nuquat	1600ml/ha	A	55cd	41cd	10.8-
	Gp H B	50g/ha	A			
16	Nuquat	1600ml/ha	A	67b	73a	7.2-
	Gp H B	100g/ha	A			

TABLE OF B MEANS (Second Knock)

1	Untreated	-	-	16b	10b	11.0-
2	Nuquat	1600ml/ha	B	90a	25a	9.8-

TABLE OF A x B MEANS

(First Knock Herbicide without Second Knock)

1	Glyphosate CT	1000ml/ha	A	6g	0h	11.3c-h
	Untreated	-	-			
2	Glyphosate CT	2000ml/ha	A	1g	17d-g	14.3a
	Untreated	-	-			
3	Glyphosate CT	4000ml/ha	A	13ef	0h	12.3b-e
	Untreated	-	-			
4	Gp A S	375ml/ha	A	2g	0h	9.7hij
	Uptake	0.5% v/v	A			
	Liase	2% v/v	A			
	Untreated	-	-			
5	Gp A S	500ml/ha	A	3g	0h	10.3f-i
	Uptake	0.5% v/v	A			
	Liase	2% v/v	A			
	Untreated	-	-			
6	Gp A V	100ml/ha	A	2g	0h	12.0c-f
	Uptake	0.5% v/v	A			
	Untreated	-	-			
7	Gp A V	150ml/ha	A	1g	0h	10.7e-i
	Uptake	0.5% v/v	A			
	Untreated	-	-			
8	Gp A V	300ml/ha	A	2g	0h	11.0d-h
	Uptake	0.5% v/v	A			
	Untreated	-	-			
9	Elantra Xtreme	250ml/ha	A	3g	0h	12.7a-d
	Uptake	0.5% v/v	A			
	Untreated	-	-			
10	Elantra Xtreme	500ml/ha	A	20de	27de	11.0d-h
	Uptake	0.5% v/v	A			
	Untreated	-	-			
11	Nuquat	1600ml/ha	A	27d	0h	10.7e-i
	Untreated	-	-			
12	Nuquat	2400ml/ha	A	63b	0h	9.7hij
	Untreated	-	-			
13	Paratrooper	1600ml/ha	A	40c	3gh	10.0ghi
	Untreated	-	-			
14	Gp H B	100g/ha	A	7fg	50c	13.0abc
	Untreated	-	-			

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Pest Scientific Name Pest Name Crop Name Rating Date Rating Type Rating Unit Treatment-Evaluation Interval				<i>Chloris truncata</i> Windmill Grass Fallow		
				11/12/2015 BROWN OUT %	12/01/2016 BIO REDN %	12/01/2016 COUNT m ²
Trt No.	Treatment	Product Rate	Appln. Code	16 DAA	48 DAA	48 DAA
15	Nuquat	1600ml/ha	A	20de	7fgh	9.7hij
	Gp H B	50g/ha	A			
	Untreated	-	-			
16	Nuquat	1600ml/ha	A	43c	62bc	8.0jkl
	Gp H B	100g/ha	A			
	Untreated	-	-			
(First Knock Herbicide followed by Second Knock)						
1a	Glyphosate CT	1000ml/ha	A	90a	0h	11.0d-h
	Nuquat	1600ml/ha	B			
2a	Glyphosate CT	2000ml/ha	A	90a	30d	14.0ab
	Nuquat	1600ml/ha	B			
3a	Glyphosate CT	4000ml/ha	A	90a	7fgh	11.7c-g
	Nuquat	1600ml/ha	B			
4a	Gp A S	375ml/ha	A	90a	0h	10.0ghi
	Uptake	0.5% v/v	A			
	Liase	2% v/v	A			
	Nuquat	1600ml/ha	B			
5a	Gp A S	500ml/ha	A	90a	7fgh	9.0ijk
	Uptake	0.5% v/v	A			
	Liase	2% v/v	A			
	Nuquat	1600ml/ha	B			
6a	Gp A V	100ml/ha	A	90a	7fgh	9.0ijk
	Uptake	0.5% v/v	A			
	Nuquat	1600ml/ha	B			
7a	Gp A V	150ml/ha	A	90a	0h	10.0ghi
	Uptake	0.5% v/v	A			
	Nuquat	1600ml/ha	B			
8a	Gp A V	300ml/ha	A	90a	3gh	10.3f-i
	Uptake	0.5% v/v	A			
	Nuquat	1600ml/ha	B			
9a	Elantra Xtreme	250ml/ha	A	90a	20def	10.0ghi
	Uptake	0.5% v/v	A			
	Nuquat	1600ml/ha	B			
10a	Elantra Xtreme	500ml/ha	A	90a	72ab	6.7l
	Uptake	0.5% v/v	A			
	Nuquat	1600ml/ha	B			
11a	Nuquat	1600ml/ha	A	90a	6fgh	10.3f-i
	Nuquat	1600ml/ha	B			
12a	Nuquat	2400ml/ha	A	90a	7fgh	9.0ijk
	Nuquat	1600ml/ha	B			
13a	Paratrooper	1600ml/ha	A	90a	12e-h	9.0ijk
	Nuquat	1600ml/ha	B			
14a	Gp H B	100g/ha	A	90a	77ab	7.7kl
	Nuquat	1600ml/ha	B			
15a	Nuquat	1600ml/ha	A	90a	75ab	12.0c-f
	Gp H B	50g/ha	A			
	Nuquat	1600ml/ha	B			
16a	Nuquat	1600ml/ha	A	90a	83a	6.3l
	Gp H B	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: AM1543

Location:

Gunnedah

Trial Year: 2015

Rating Type

BIO REDN = biomass reduction

ARM Action Codes

T1 = [2]/8

DAA = Days after Application

COMPLETE STRIP-BLOCK AOV
Chloris truncata - Windmill Grass
 Fallow 11/12/2015
 BROWN OUT % 16 DAA

Source	DF	Sum of Squares	Mean Square	F	Prob.(F)	LSD (.05)
Total	95	149073.333333				
R	2	50.083333	25.041667	1.335	0.2783	
A	15	7915.666667	527.711111	28.140	0.0001	5
RA	30	562.583333	18.752778			
B	1	132016.666667	132016.666667	5271.880	0.0002	4
RB	2	50.083333	25.041667			
AB	15	7915.666667	527.711111	28.140	0.0001	7
RAB	30	562.583333	18.752778			

COMPLETE STRIP-BLOCK AOV
Chloris truncata - Windmill Grass
 Fallow 12/01/2016
 BIO REDN % 48 DAA

Source	DF	Sum of Squares	Mean Square	F	Prob.(F)	LSD (.05)
Total	95	79759.239583				
R	2	96.583333	48.291667	0.585	0.5633	
A	15	54238.406250	3615.893750	11.146	0.0001	21
RA	30	9732.750000	324.425000			
B	1	5385.010417	5385.010417	124.389	0.0079	6
RB	2	86.583333	43.291667			
AB	15	7743.822917	516.254861	6.255	0.0001	15
RAB	30	2476.083333	82.536111			

COMPLETE STRIP-BLOCK AOV
Chloris truncata - Windmill Grass
 Fallow Live Plants 12/01/2016
 COUNT m² 48 DAA T1

Source	DF	Sum of Squares	Mean Square	F	Prob.(F)	LSD (.05)
Total	95	1662.739583				
R	2	554.083333	277.041667	216.815	0.0001	
A	15	205.239583	13.682639	0.550	0.8888	5.9
RA	30	745.916667	24.863889			
B	1	38.760417	38.760417	17.889	0.0516	1.3
RB	2	4.333333	2.166667			
AB	15	76.072917	5.071528	3.969	0.0006	1.9
RAB	30	38.333333	1.277778			

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Trial ID: AM1543

Location:

Gunnedah

Trial Year: 2015

Application Description		
	A	B
Application Date:	25/11/2015	3/12/2015
Application Start Time:	6:00 AM	
Application Stop Time:	10:00 AM	
Application Method:	SPRAY	
Application Timing:	Early Post-Em	7-10 DAA
Air Temperature, Unit:	25 C	
% Relative Humidity:	31.5	
Wind Velocity, Unit:	5 km/h	
Wind Direction:	NW	
% Cloud Cover:	0	
Next Moisture Occurred On:	9/12/2015	

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/h	
Spray Volume, Unit:	100 L/ha	