

Project: Chloris Double Knock Timing
Trial: AM1212
Trial Design: Strip Plot
Spray Timing:
Spray date(s):
Equipment:
Nozzles:
Nozzle Pressure (kPa):
Speed (km/hr):
Volume (L/ha):
Target:
Weed Size at spraying:

T1	T2	T3
12/11/2012	15/11/2012	21/11/2012
4m Quad-bike mounted boom		
AIXR110015		
300		
10.4	7.3	7.3
70	100	100

Windmill Grass

Tussocks

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.

Treatments 1 - 9 are where a single spray mix was applied on Nov 12 (T1).

Trt No.	Treatment	Rate ml/ha	Adjuvant	Volume L/ha	Nuquat 2.4 L/ha Double Knock Timing	Windmill Grass (<i>Chloris truncata</i>)		
						12/02/2013 92 DAT1 NDVI	21/02/2013 101 DAT1 Live Plants/m ² *	20/03/2013 128 DAT1 Live Plants/m ² ##
1	Untreated	-	-	-	-	0.33	51	2.8
2	Gp A 1	150	0.5% Uptake	70	-	0.33	39	2.4
3	Gp A 1	300	0.5% Uptake	70	-	0.33	43	2.6
4	Targa	500	1% Hasten	70	-	0.32	41	2.5
5	Targa	1000	1% Hasten	70	-	0.34	48	2.4
6	Gp A 2	500	0.5% Hasten	70	-	0.34	48	2.4
7	Gp A 3	400	1% Hasten	70	-	0.31	47	2.8
8	Glyphosate 450	2000	-	70	-	0.33	42	2.3
9	Roundup Attack	1579	-	70	-	0.31	40	2.4

Treatments 1a - 9a are where the original application at T1 was followed by a double knock of Nuquat, 3 days later (T2).

Trt No.	Treatment	Rate ml/ha	Adjuvant	Volume L/ha	Nuquat 2.4 L/ha Double Knock Timing	Windmill Grass (<i>Chloris truncata</i>)		
						12/02/2013 92 DAT1 NDVI	21/02/2013 101 DAT1 Live Plants/m ² *	20/03/2013 128 DAT1 Live Plants/m ² ##
1a	Untreated	-	-	-	-	0.31	22	1.8
2a	Gp A 1	150	0.5% Uptake	70	-	0.31	29	2.2
3a	Gp A 1	300	0.5% Uptake	70	-	0.32	16	1.4
4a	Targa	500	1% Hasten	70	-	0.31	19	2.3
5a	Targa	1000	1% Hasten	70	3DAT1	0.32	17	1.9
6a	Gp A 2	500	0.5% Hasten	70	-	0.31	19	1.7
7a	Gp A 3	400	1% Hasten	70	-	0.31	21	1.7
8a	Glyphosate 450	2000	-	70	-	0.28	12	1.8
9a	Roundup Attack	1579	-	70	-	0.30	18	2.2

Treatments 1b - 9b are where the original application at T1 was followed by a double knock of Nuquat, 9 days later (T3).

Trt No.	Treatment	Rate ml/ha	Adjuvant	Volume L/ha	Nuquat 2.4 L/ha Double Knock Timing	Windmill Grass (<i>Chloris truncata</i>)		
						12/02/2013 92 DAT1 NDVI	21/02/2013 101 DAT1 Live Plants/m ² *	20/03/2013 128 DAT1 Live Plants/m ² ##
1b	Untreated	-	-	-		0.30	20	1.9
2b	Gp A 1	150	0.5% Uptake	70		0.31	19	1.8
3b	Gp A 1	300	0.5% Uptake	70		0.30	8	1.1
4b	Targa	500	1% Hasten	70		0.31	19	1.6
5b	Targa	1000	1% Hasten	70	9DAT1	0.30	12	1.6
6b	Gp A 2	500	0.5% Hasten	70		0.32	18	1.2
7b	Gp A 3	400	1% Hasten	70		0.30	12	1.3
8b	Glyphosate 450	2000	-	70		0.31	11	0.9
9b	Roundup Attack	1579	-	70		0.32	13	0.7
P =						0.07	0.12	0.32
LSD =						nsd	nsd	nsd

DAT1 = Days After Timing 1

nsd= No significant difference

*21/2/2013: Live plants were those showing any sign of green leaf(s) and/or with the plant crown still firmly attached to the soil

20/3/2013: Live plants were those with obvious green leaves and/or panicle development

NB The only treatments to significantly suppress Windmill grass were the paraquat applications at T2 or T3