

Project:	Chloris Double Knock Timing
Trial:	RH1223
District:	Moree
Application Timing:	
Application Date:	
Equipment:	
Nozzles:	
Nozzle Pressure (kPa):	
Speed (km/hr):	
Volume (L/Ha):	
Target:	Feathertop Rhodes grass (<i>Chloris virgata</i>)
Weed Population at spraying:	1-2/m²
Weed Size at spraying:	3-4 tiller

T1	T2	T3
4/01/2013	8/01/2013	15/01/2013
4m Quad-bike mounted boom		
AIXR110015		
300		
10.3	7.2	
70	100	

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 Jan 4 (T1).

Trt No.	Treatment	Rate ml or g/ha	Adjuvant	Nuquat 2.4 L/ha Double Knock Timing	Feathertop Rhodes Grass		Awnless Barnyard Grass
					21/01/2013 17 DAT1 % Control (Visual)	5/02/2013 32 DAT1 Weeds/m ²	5/02/2013 32 DAT1 Weeds/m ²
1	Untreated	-	-		1 i	4.7 abc	10.4 a
2	Verdict 520	150	0.5% Uptake		65 cde	1.4 cdefgh	3.4 abcdefg
3	Verdict 520	300	0.5% Uptake		90 abc	0.8 efgh	0.7 fghij
4	Gp A T	500	1% Hasten		50 efg	0.9 efgh	5.8 abcd
5	Gp A T	1000	1% Hasten	-	80 abcd	0.1 gh	5.1 abcde
6	Shogun	500	0.5% Hasten		60 def	1.1 cdefgh	4.4 abcde
7	Gp A W	400	1% Hasten		24 ghi	4.2 abcd	9.1 ab
8	Glyphosate 450	2000	-		35 fgh	1.1 defgh	7.4 abc
9	Roundup Attack	1579	-		18 hi	10.0 a	2.3 cdefghij

Treatments 1a - 9a are where the original application at T1 was followed by a double knock of Nuquat, 4 days later (T2).

Trt No.	Treatment	Rate ml or g/ha	Adjuvant	Nuquat 2.4 L/ha Double Knock Timing	Feathertop Rhodes Grass		Awnless Barnyard Grass
					21/01/2013 17 DAT1 % Control (Visual)	5/02/2013 32 DAT1 Weeds/m ²	5/02/2013 32 DAT1 Weeds/m ²
1a	Untreated	-	-	4DAT1	59 def	3.7 abcde	3.9 abcdef
2a	Verdict 520	150	0.5% Uptake		98 a	0.4 fgh	0.2 ij
3a	Verdict 520	300	0.5% Uptake		100 a	0.0 h	0.1 j
4a	Gp A T	500	1% Hasten		91 abc	0.7 fgh	1.5 defghij
5a	Gp A T	1000	1% Hasten		95 ab	0.2 fgh	0.5 ghij
6a	Shogun	500	0.5% Hasten		95 ab	0.7 fgh	1.7 defghij
7a	Gp A W	400	1% Hasten		85 abcd	1.7 bcdefg	2.7 bcdefgh
8a	Glyphosate 450	2000	-		86 abcd	1.4 cdefgh	0.4 hij
9a	Roundup Attack	1579	-		68 bcde	5.9 ab	0.3 hij

Treatments 1b - 9b are where the original application at T1 was followed by a double knock of Nuquat, 11 days later (T3).

Trt No.	Treatment	Rate ml or g/ha	Adjuvant	Nuquat 2.4 L/ha Double Knock Timing	Feathertop Rhodes Grass		Awnless Barnyard Grass
					21/01/2013 17 DAT1 % Control (Visual)	5/02/2013 32 DAT1 Weeds/m ²	5/02/2013 32 DAT1 Weeds/m ²
1b	Untreated	-	-	11DAT1	18 hi	7.5 a	7.5 abc
2b	Verdict 520	150	0.5% Uptake		90 abc	0.4 fgh	1.1 efghij
3b	Verdict 520	300	0.5% Uptake		100 a	2.1 bcdef	0.1 j
4b	Gp A T	500	1% Hasten		73 abcde	1.0 defgh	4.3 abcde
5b	Gp A T	1000	1% Hasten		90 abc	1.2 cdefgh	2.3 cdefghi
6b	Shogun	500	0.5% Hasten		90 abc	1.2 cdefgh	1.8 defghij
7b	Gp A W	400	1% Hasten		73 abcde	2.0 bcdef	3.9 abcdef
8b	Glyphosate 450	2000	-		75 abcde	2.0 bcdef	2.1 cdefghij
9b	Roundup Attack	1579	-		50 efg	5.6 ab	2.0 cdefghij
P =					<0.01	<0.01	<0.01
LSD =					29	Log Detransformed	Log Detransformed

Treatment means followed by the same letter are not significantly different at P = 0.05

DAT1 = Days After Timing 1

NB No interaction between main treatment and double knock timing for any assessment. RCB analysis used.