

Project:	Chloris Double Knock Timing
Trial:	RD1215
District:	Bowenville
Application Timing:	
Application Date:	
Equipment:	
Nozzles:	
Nozzle Pressure (kPa):	
Speed (km/hr):	
Volume (L/ha):	
Weed Population at spraying (weeds/m²)	~285
Weed Size at spraying:	Various growth stages. Majority at mid-tillering.

T1	T2	T3
21/11/2012	24/11/2012	10/12/2012
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 Nov 21 (T1).

Trt No.	Treatment	Rate ml or g/ha	Adjuvant	Nuquat 2.4 L/ha Double Knock Timing	Feathertop Rhodes Grass (<i>Chloris virgata</i>)				
					12/12/2012 21 DAT1	10/01/2013 50 DAT1			
					% Control (Visual)	Plants/m ² #	% Control (Visual)	% Biomass Reduction (Visual)	% Regrowth (Visual)
1	Untreated	-	-	-	1 f	91 a	1 j	16 jk	99 a
2	Verdict 520	150	0.5% Uptake	-	25 de	50 a	58 fgh	66 cdefg	56 cdefg
3	Verdict 520	300	0.5% Uptake	-	41 cd	9 bcd	69 cdef	71 bcdef	43 efgh
4	Gp A T	500	1% Hasten	-	19 ef	53 a	31 i	44 ghi	82 bc
5	Gp A T	1000	1% Hasten	-	49 bc	11 bc	64 defg	73 bcdef	59 cdef
6	Shogun	500	0.5% Hasten	-	33 cde	36 ab	39 hi	57 defgh	66 bcde
7	Gp A W	400	1% Hasten	-	14 ef	69 a	8 j	6 k	88 ab
8	Glyphosate 450	2000	-	-	50 bc	39 ab	39 hi	28 ijk	75 bcd
9	Roundup Attack	1579	-	-	46 c	31 ab	34 i	35 hij	80 bc

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 or g/ha	Adjuvant	Nuquat 2.4 L/ha Double Knock Timing	Feathertop Rhodes Grass (<i>Chloris virgata</i>)				
					12/12/2012 21 DAT1 % Control (Visual)	10/01/2013 50 DAT1			
						Plants/m ²	% Control (Visual)	% Biomass Reduction (Visual)	% Regrowth (Visual)
1a	Untreated	-	-		67 b	5 cdef	77 abcdef	80 abcd	27 ghij
2a	Verdict 520	150	0.5% Uptake		98 a	0 f	96 a	98 a	2 m
3a	Verdict 520	300	0.5% Uptake		100 a	1 ef	98 a	97 a	1 m
4a	Gp A T	500	1% Hasten		100 a	3 cdef	84 abcd	89 abc	13 ijklm
5a	Gp A T	1000	1% Hasten	3DAT1	100 a	2 cdef	91 ab	90 abc	4 lm
6a	Shogun	500	0.5% Hasten		100 a	3 cdef	89 abc	94 ab	6 klm
7a	Gp A W	400	1% Hasten		97 a	4 cdef	63 defg	66 cdefg	28 ghij
8a	Glyphosate 450	2000	-		97 a	4 cdef	79 abcdef	74 abcde	27 ghij
9a	Roundup Attack	1579	-		97 a	4 cdef	79 abcdef	75 abcde	13 ijklm

Treatments 1b - 9b are where the original application at T1 was followed by a double knock of Nuquat, 10 days later (T3).

Trt No.	Treatment	Rate ml or g/ha	Adjuvant	Nuquat 2.4 L/ha Double Knock Timing	Feathertop Rhodes Grass (<i>Chloris virgata</i>)				
					12/12/2012 21 DAT1 % Control (Visual)	10/01/2013 50 DAT1			
						Plants/m ²	% Control (Visual)	% Biomass Reduction (Visual)	% Regrowth (Visual)
1b	Untreated	-	-			4 cdef	45 ghi	41 hi	37 efghi
2b	Verdict 520	150	0.5% Uptake			2 def	81 abcde	85 abc	9 jklm
3b	Verdict 520	300	0.5% Uptake			2 def	90 abc	93 ab	2 m
4b	Gp A T	500	1% Hasten			3 cdef	72 bcdef	71 bcdef	26 hijk
5b	Gp A T	1000	1% Hasten	10DAT1	Not assessed	4 cdef	73 bcdef	83 abc	11 jklm
6b	Shogun	500	0.5% Hasten			4 cdef	73 bcdef	75 abcde	14 ijklm
7b	Gp A W	400	1% Hasten			6 cde	45 ghi	54 efgh	31 fghij
8b	Glyphosate 450	2000	-			5 cdef	43 ghi	49 fghi	51 defgh
9b	Roundup Attack	1579	-			5 cdef	60 efgh	66 cdefg	22 hijkl
				P =	<0.01	<0.01	0.03	<0.01	<0.01
				LSD =	19	Log Detransformed	10.3-10.6	24	Arcsin 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 double knock timing and main treatment for all assessments except % control (visual). AOV results from RCB analysis for all except strip plot for % control (visual)