

Project: Fleabane Management with Alternative Products
Trial: AM1217
District: Breeza
Soil Type: Hard setting red soil

	T1	T2	T3
Application Timing:			
Application Date:	13/12/2012	19/12/2012	15/01/2013
Equipment:	4m Quad-bike mounted boom		
Nozzles:	AIXR100015		
Nozzle Pressure (kPa):	300		
Speed (km/hr):	10.4 or 7.3	7.3	7.3
Volume (L/Ha):	70 or 100	100	100

Weed Population at spraying: Flaxleaf fleabane 1 - 5/sq.m.
Weed Size at spraying: 10-40cm tall to flowering and branched

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 - 13 are where a single spray mix was applied on Dec 13 (T1).

Trt No.	Treatment	Rate ml or g/ha	Adjuvant	Volume	Nuquat 2 L/ha Double Knock Timing	Flaxleaf Fleabane (<i>Conyza bonariensis</i>)		
						5/02/2013 54DAT1 % Biomass Reduction	5/02/2013 54DAT1 % Control (Counts)	5/02/2013 54DAT1 Live Plants/m ²
1	Nil	-	-	-		0 o	0 k	0.6 abcdefg
2	Amicide 625 + Glyphosate CT	1200 + 1500	1% Hasten	70 L/ha		100 ab	86 ab	0.1 fgh
3	Experimental + Glyphosate CT	4500 + 1500	1% Hasten	70 L/ha		14 klmno	6 jk	0.5 bcdefgh
4	Velocity + Glyphosate CT	670 + 1500	1% Hasten	70 L/ha		37 fghijklmn	1 k	0.8 abcdef
5	Nutrazine + Glyphosate CT	2000 + 1500	1% Hasten	70 L/ha		8 mno	0 k	1.0 abcd
6	Amitrole T + Glyphosate CT	2000 + 1500	1% Hasten	70 L/ha		28 hijklmn	0 k	0.7 abcdefg
7	Sharpen + Glyphosate CT	34 + 1500	1% Bonza	70 L/ha	-	16 jklmno	0 k	0.8 abcde
8	Basta + Glyphosate CT	3750 + 1500	1% Hasten	100 L/ha		5 no	1 k	0.9 abcde
9	Alliance	4000	-	100 L/ha		21 ijklmn	7 ijk	0.8 abcde
10	Nuquat	2000	-	100 L/ha		17 jklmno	13 ghijk	0.6 bcdefgh
11	Nuquat + Balance	2000 + 100	-	100 L/ha		36 fghijklmn	22 efghij	0.5 bcdefgh
12	Nuquat + Balance + Gp C D	2000 + 100 + 1000	-	100 L/ha		45 defghijklm	23 efghij	0.7 abcdefg
13	Gp G V + Glyphosate CT	90 + 1500	1% Hasten	70 L/ha		20 *	0 *	0.4 *

Treatments 1a - 13a are where the original application at T1 was followed by a double knock of Nuquat, 6 days later (T2).

Trt No.	Treatment	Rate ml or g/ha	Adjuvant	Volume	Nuquat 2 L/ha Double Knock Timing	Flaxleaf Fleabane (<i>Conyza bonariensis</i>)		
						5/02/2013 54DAT1 % Biomass Reduction	5/02/2013 54DAT1 % Control (Counts)	5/02/2013 54DAT1 Live Plants/m ²
1a	Nil	-	-	-	6DAT1	9 lmno	19 efghij	0.7 abcdefg
2a	Amicide 625 + Glyphosate CT	1200 + 1500	1% Hasten	70 L/ha		100 a	100 a	0.0 h
3a	Experimental+ Glyphosate CT	4500 + 1500	1% Hasten	70 L/ha		35 ghijklmn	35 cdefghi	0.4 cdefgh
4a	Velocity + Glyphosate CT	670 + 1500	1% Hasten	70 L/ha		75 cdefg	68 abcd	0.1 gh
5a	Nutrazine + Glyphosate CT	2000 + 1500	1% Hasten	70 L/ha		37 efghijklmn	25 defghij	0.4 cdefgh
6a	Amitrole T + Glyphosate CT	2000 + 1500	1% Hasten	70 L/ha		41 defghijklm	18 efghij	0.7 abcdefg
7a	Sharpen + Glyphosate CT	34 + 1500	1% Bonza	70 L/ha		64 cdefghi	50 abcdef	0.4 cdefgh
8a	Basta + Glyphosate CT	3750 + 1500	1% Hasten	100 L/ha		18 jklmno	9 ijk	0.6 abcdefg
9a	Alliance	4000	-	100 L/ha		58 cdefghij	42 bcdefgh	0.4 cdefgh
10a	Nuquat	2000	-	100 L/ha		79 bcdefg	43 bcdefg	0.2 efgh
11a	Nuquat + Balance	2000 + 100	-	100 L/ha		65 cdefghi	54 abcde	0.3 defgh
12a	Nuquat + Balance + Gp C D	2000 + 100 + 1000	-	100 L/ha		100 a	100 a	0.0 h
13a	Gp G V + Glyphosate CT	90 + 1500	1% Hasten	70 L/ha		88 *	78 *	0.1 *

Treatments 1b - 13b are where the original application at T1 was followed by a double knock of Nuquat, 33 days later (T3).

Trt No.	Treatment	Rate ml or g/ha	Adjuvant	Volume	Nuquat 2 L/ha Double Knock Timing	Flaxleaf Fleabane (<i>Conyza bonariensis</i>)		
						5/02/2013 54DAT1 % Biomass Reduction	5/02/2013 54DAT1 % Control (Counts)	5/02/2013 54DAT1 Live Plants/m ²
1b	Nil	-	-	-	33DAT1	48 defghijkl	14 fghijk	0.9 abcde
2b	Amicide 625 + Glyphosate CT	1200 + 1500	1% Hasten	70 L/ha		100 a	100 a	0.0 h
3b	Experimental + Glyphosate CT	4500 + 1500	1% Hasten	70 L/ha		49 defghijk	11 hijk	1.1 abc
4b	Velocity + Glyphosate CT	670 + 1500	1% Hasten	70 L/ha		82 abcd	53 abcde	1.0 abcd
5b	Nutrazine + Glyphosate CT	2000 + 1500	1% Hasten	70 L/ha		90 abc	76 abc	0.4 cdefgh
6b	Amitrole T + Glyphosate CT	2000 + 1500	1% Hasten	70 L/ha		53 cdefghijk	14 ghijk	1.5 a
7b	Sharpen + Glyphosate CT	34 + 1500	1% Bonza	70 L/ha		82 abcd	27 defghij	1.4 ab
8b	Basta + Glyphosate CT	3750 + 1500	1% Hasten	100 L/ha		55 cdefghijk	29 defghij	0.8 abcde
9b	Alliance	4000	-	100 L/ha		68 cdefgh	25 defghij	0.8 abcde
10b	Nuquat	2000	-	100 L/ha		80 bcdef	52 abcde	0.5 bcdefgh
11b	Nuquat + Balance	2000 + 100	-	100 L/ha		82 abcd	53 abcde	0.7 abcdefg
12b	Nuquat + Balance + Gp C D	2000 + 100 + 1000	-	100 L/ha		81 abcde	35 cdefghi	0.6 abcdefg
13b	Gp G V + Glyphosate CT	90 + 1500	1% Hasten	70 L/ha		38 *	8 *	0.8 *
					P = LSD =	<0.01 Arcsin (sqrt(x/100)) transformation	<0.01 sqrt (x+0.5) transformation	<0.01 log+1 transformation

Treatment means followed by the same letter are not significantly different at P = 0.05 * Treatment not included in analysis - only mean value presented DAT1=days after Timing 1