

MIMOSA BUSH TRIALS - YETMAN COMMON - 2007-2010 on										
Trial plots each approx 20m wide x 40m deep - trial plots separated by strip cleared with front-end loader										
On-going herbicide trials conducted by Inverell Shire Council to determine most cost-effective control for <i>Vachellia farnesiana</i> ...										
Treatment date 11/12/2007		Operator	Qty spray applied	Area treated M2	Time (mins)	Assessments - rating out of 10				
part Yetman Common - western side of Bruxner Highway						18/12/09	17/3/10	8/3/11	05/12/2011	30/4/13
1	Grazon Ex 500 mL + DC Trate spray oil 250 mL+ wetter per 100 litres of water(50 L mix left over from previous	Geoff Riley Rural Spr	80 L	200		7.0	5.0	?	4.00	5.0
2	Grazon Extra 500mL per 100 litres of water + wetter - high vol	Geoff Riley Rural Spr	400 L	1200		10.0	9.9	10.0	7.00	9.0
3	Lontrel 500 mL per 100 litres of water + wetter - high vol	Geoff Riley Rural Spr	400 L	1200		9.5	10.0	10.0	9.50	9.5
4	Lontrel 300 mL + 10 g metsulfuron methyl per 100 litres of water + wetter - high vol	Geoff Riley Rural Spr	400 L	1200		9.5	10.0	10.0	10.00	10.0
5	Graslan pellets 20 kg/ha	Geoff Riley Rural Spr	2 kg	1200		10.0	9.9	10.0	9.00	8.5
Treatment date 1/04/2008		Operator	Qty spray applied	Area treated M2	Time (mins)	Assessments - rating out of 10				
part Yetman Common - old Highway adjacent to and west of Yetman ISC Depot									05/12/2011	30/4/13
1a	Grazon Extra 500mL per 100 litres of water + wetter - high vol	John Hall	400 L	1200		7.0	5.0		6.0	No check
2b	Lontrel 500 mL per 100 litres of water + wetter - high vol	John Hall	2 kg	1200		8.0	9.0		9.5	No check
Treatment date 16/04/2010		Operator	Qty spray applied	Area treated M2	Time (mins)	Assessments - rating out of 10				
part Yetman Common - western side of Bruxner Highway								8/3/11	05/12/2011	30/4/13
6	Grazon Extra 500mL+ 10g metsulf/100L water + wetter - high vol	Southwell P/Ship	290 L	1200	35			7.0	5.00	5.0
7	Velpar L @ 4ml/spot (1 spot/metre height) - Spotgun	Geoff (Du Pont)	?	1200	20			10.0	10.00	10.0
8	Graslan Pellets 2 g/sq m (28 plants pellets, 48 liquid 72 shots @ 4mL) - rear 30m treated with liquid option	Chris Love (Dow)	140 g 288 mL	1400	12			10.0	9.50	9.0

MIMOSA BUSH TRIALS - YETMAN COMMON - 2007-2010 on									
Treatment date 16/04/2010 (cont)		Operator	Qty spray applied	Area treated M2	Time (mins)	Assessments - rating out of 10			
Part Yetman Common - eastern side of Bruxner Highway									
						8/3/11	05/12/2011	30/4/13	
9	CRF secret formula - Cobby Hobbs	Cobby	Not carried out						
10	Glyphosate 2L + 20g metsulfuron methyl + wetter per 100L water high vol (small plot OK)	Southwell P/Ship	200 L	1200	25	4.0	Too wet to access	1.0	
11	Lontrel 500 ml/100 L water + wetter – high vol	Southwell P/Ship	220 L	1200	22	8.0	Too wet to access	10.0	
12	Lontrel 300 ml/100 L water + 10 g metsulfuron methyl + wetter – high vol	Southwell P/Ship	270 L	1200	37	8.0	Too wet to access	10.0	
Treatment date 11/05/2010		Operator	Qty spray applied	Area treated M2	Time (mins)	Assessments - rating out of 10			
Part Yetman Common - eastern side of Bruxner Highway - plots mulched and treated (cut stump - chemical through blades) simultaneously by Wetblade machine - John Moloney of MRL Australia									
						8/3/11	05/12/2011	30/4/13	
13	Tordon DS - 2 litres to 5 litres of water plus 100 mL Pulse - WETBLADE CLEAR/CUT STUMP TREATMENT	John Moloney	5 L	1200	15	10*	Too wet to access	9.0	
14*	Grazon Extra 1.5 L plus Sickle (glyphosate 540 g/L) 1.5.L to 3.0 litres of water plus 100 mL Pulse W/BLADE	John Moloney	6 L	16m x 10 = 160	15	10*	Too wet to access	9.0	
15	Starane 2.5 litres to 2.5 litres of water plus 100 mL Pulse - WETBLADE CLEAR/CUT STUMP TREATMENT	John Moloney	5 L	35m x 10 = 350	15	10*	Too wet to access	9.5	
16	Metsulfuron 300 g to 5 litres of water plus 100 mL Pulse - WETBLADE CLEAR/CUT STUMP TREATMENT (plot includes 1.5 strip inside fence and in front of plots 13, 14)	John Moloney	5 L	80 x 1.5 + 7 x 8.5 = 180	15	10*	Too wet to access	9.5	
17	Graslan Pellets 2 g/sq m 20M X 10M solid patch treated with 400g product	Chris Love (Dow)	400 g	200	10	5.0	Too wet to access	3.0	
* First 2 runs plot 14 failed to switch on herbicide ie 3m strip nearest Plot 15 not treated						*No regrowth seen but very heavy grass cover - unable to make accurate assessment at this time			
						LR Tanner 17 May 2010			
						Updated 4 April 2011			
						Updated 5 April 2013			