2008
MACARTNEY ROSE CONTROL
Victoria County

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Macartney rose (*Rosa bracteata*) is an invasive perennial shrub that is present on large acreages of pasture and rangeland in Victoria County. The purpose of this study is to evaluate various herbicides and application rates for control of Macartney rose.

A heavily infested area of Macartney rose was treated with various rates of pasture and experimental herbicides on October 31, 2008. Individual plot sizes were 32' x 100' and each treatment was replicated four times. The applications were made with a tractor mounted 16' spray boom and applied at 25 gallons of water/acre and 3 mph using 11003 DG TeeJet tips. Non-ionic surfactant was used with all treatments at a rate of 0.25% by volume. The Macartney rose was approximately 40" in height at treatment. Plots were evaluated at 30 days after treatment, with additional assessments planned for 2009.

Macartney Rose Control – 30 days after treatment

Trt. #	Treatment	Rate	Brown Out Percent	Defoliation Percent
1	GF-2050	2.5 OZ/A	85	35
2	GF-2050	3.3 OZ/A	93	28
3	GF-2050 Remedy Ultra	2.5 OZ/A 1 PT/A	96	26
4	GrazonNext Remedy Ultra	2 PT/A 1 PT/A	92	33
5	GrazonNext	2.6 PT/A	94	36
6	Milestone	7 FL OZ/A	93	28
7	Surmount	4 PT/A	94	30
8	Surmount Milestone	1.5 PT/A 5 FL OZ/A	93	35
9	Surmount Milestone	3 PT/A 3 FL OZ/A	94	39
10	Grazon P+D	8 PT/A	97	35
11	Crossbow	8 PT/A	91	30
12	GrazonNext Vista	2.6 PT/A 1.8 PT/A	93	39
13	Untreated		0	0

All treatments show expected foliage brown out and defoliation for the 30 day evaluation. Evaluations will continue in 2009, with an assessment of total plant kill being made at 1 year after herbicide application.