

Summary of Multiflora Rose Control
From Plots Evaluated One Year After Application in Iowa County, Iowa in 2004

Treatment	Rate (per 100 Gal)	Evaluation	Chemical Cost/100 Gallons of Solution*	% Control
Grazon P + D	2 Gal	Excellent	\$59	99
Surmount	1 Gal	Excellent	\$59	99
PastureGard	1 Gal	Excellent	\$53	95
Crossbow	1 Gal	Excellent	\$65	93
Weathermax	1 Gal	Excellent	\$49	90
2,4-D	1 Gal	Good	\$20	85
Surmount	1.5 Gal	Good	\$88	82
Grazon P + D	1.5 Gal	Good	\$44	80
Cimarron	1 oz	Fair	\$26	60

*Approximate cost in the spring of 2007. Does not include adjuvants or application costs. All treatments included a non-ionic surfactant at 0.25% except 2,4-D and Weathermax.

All treatments applied on 6/5/03 to 3 randomly selected bushes that were 4 to 8 feet tall and in full bloom; air temperature 73°F. Evaluated 7/06/04.

Grazon P + D contains picloram, the active ingredient in Tordon, and 2,4-D.

Surmount contains triclopyr (found in Crossbow) + fluroxypyr.

Grazon and Surmount are restricted use products.

PastureGard also contains triclopyr + fluroxypyr with a greater proportion of triclopyr than Surmount

Crossbow contains triclopyr + 2,4-D.

Weathermax (glyphosate) will kill all contacted vegetation in pasture.

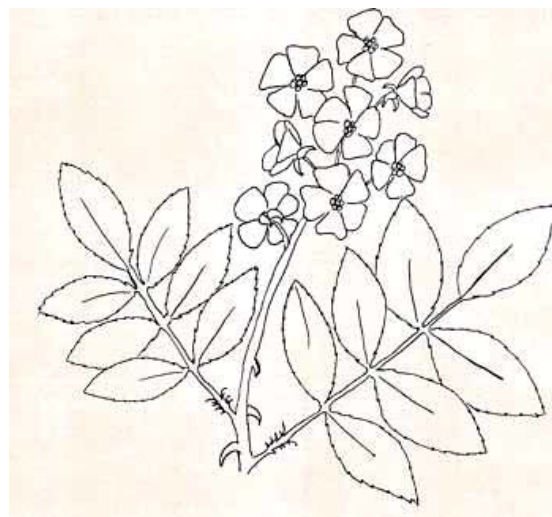
Grazon P + D is a restricted use product because of risk of injury to desirable plants.

Trial Conducted by Jim Fawcett, ISU Extension Crop Specialist.

... and justice for all

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Cooperative Extension Service, Iowa State University of Science and Technology, and the United States Department of Agriculture cooperating.



SUGGESTED GENERAL USE HERBICIDES FOR CONTROL OF MULTIFLORA ROSE IN CRP & PASTURES

CHEMICAL*	TIME OF APPLICATION	RATE	HOW TO APPLY	COMMENTS
Cimarron	May - July	1 oz. Cimarron + 1 pint non-ionic surfactant in 100 gal. water	Spray foliage.	May stunt grass. No grazing restriction.
Banvel + 2,4-D	May - July	1 gal. Banvel + 1 gal. 2,4-D Ester in 98 gal. water	Spray foliage.	Drift may damage nearby trees & shrubs. 7 day grazing restriction. 3 day slaughter withdrawal.
Banvel**	February - April	.25 oz. - 5' dia. Shrub 1 oz. - 10' dia. Shrub 2.25 oz.-15' dia. Shrub (undiluted spot concentrate)	Spot apply within 6" to 8" of crown.	Do not use if ground is ice covered. Can damage nearby trees & shrubs. No grazing restriction for non-dairy. Slaughter: 30 day removal.
Crossbow***	May - July	1 gal. Crossbow in 99 gal. water	Spray foliage.	Lactating dairy: 14 day – 1 year grazing restriction. Other livestock: 0 – 14 day grazing restriction. Slaughter: 3 day withdrawal.
Roundup	June - August	1 gal. Roundup in 99 gal. water	Spray foliage.	Kills all surrounding plants sprayed. 14 day grazing restriction.
Spike 20P	When ground not frozen	.25 oz. Spike per 22 square feet	Apply around crown.	Long residual soil life. Can damage nearby vegetation. No grazing restriction.
2,4-D Ester + oil	February - April	1 pint 2,4-D in 3 gal. oil	Spray crown.	7 day grazing restriction 3 day slaughter withdrawal
Tordon RTU	March - October	Full strength	Treat freshly cut stems.	Potential to damage nearby trees & shrubs. No grazing restriction.

* Completely read and follow label directions. **Note haying, grazing, and environmental restrictions.** These are all "general use" pesticides; a Private Pesticide Applicator's Certificate is not required. The restricted use herbicides of Tordon 22K, Grazon P + D, and Surmount also provide Multiflora Rose control, but applicators must be certified.

** Banvel can be applied February - April as a dormant lo-oil basal bark treatment.

*** Crossbow concentrate can also be applied February - April as a thin-line basal treatment.

Prepared by Dr. James A. Fawcett, and Virgil Schmitt, East Central Area Crop Production Specialists, December 4, 1991, revised May 30, 2007. Revision of an earlier publication by John Creswell and Dick Freeman.

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