## Considerations for the Control of Blackberry Species in Missouri



#### Blackberry Species in Missouri

#### **Upright, Cane-type (Blackberries)**

- Rubus allegheniensis, Common Blackberry
- Rubus argutus, Smooth Blackberry
- Rubus occidentalis, Black Raspberry
- Rubus pensilvanicus, Penn. Blackberry
- Rubus armeniacus, Himalaya Blackberry

#### Prostrate, Creeping-type (Dewberries)

- Rubus flagellaris, Dewberry
- Rubus trivialis, Southern Dewberry

## Himalaya Blackberry (*Rubus armeniacus* Focke)

- Native to western Europe, probably introduced as a cultivated variety
- Forms distinctly angled canes that may reach as much as 10 ft in height
- Leaves usually 5-foliate and without hairs
- White flowers, usually blooming a bit later than native blackberries









#### Influence of Herbicides and Application Timings on Himalaya Blackberry Control

		Application Timing		
Treatments	Rate	Mid-flowr	Post-frt	
	Product/A	% Contr	ol 1 YAT	
<b>PastureGard</b>	4 pts	77	42	
Surmount	4 pts	46	39	
Remedy Ultra	2 pts	67	36	
Garlon EV	6 pts	56	51	
2,4-D Ester + Remedy Ultra	1 qt 1 pt	71	33	
Grazon P+D + Remedy Ultra	2 pts 1 pt	47	41	
Cimarron	0.5 oz	58	85	
Cimarrron Max	Rate II	47	39	
LSD (0.05) Treatments: LSD (0.05) Timings:				

<sup>\*</sup>Mid-flower apps made 2 May, Post fruit-drop applications made 17 Aug

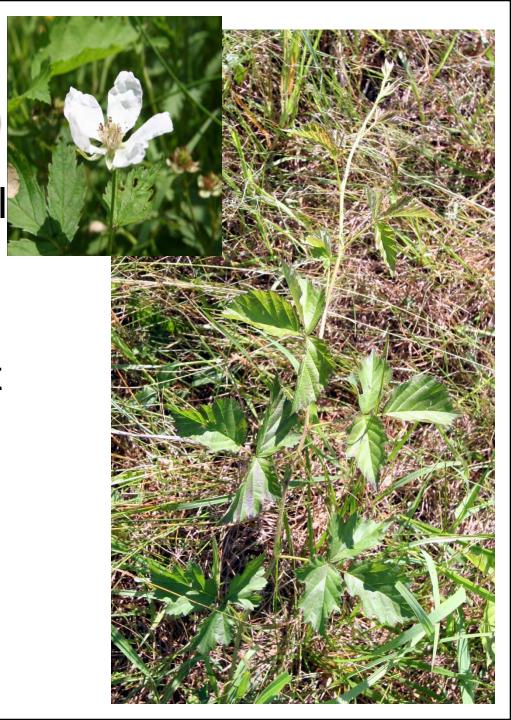
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## Northern Dewberry (*Rubus flagellaris* Willd.)

 A creeping perennial with trailing vines

- Usually grows less than 60-cm in height
- Blooms in early summer
- Commonly found in many hay fields and pastures in Missouri



# Investigations Into the Control of Dewberry in Missouri



	Dewberry Control		
<b>Application</b>	Across All Herbicid		
Timing	<b>Treatments</b>		
	# Stems/Plot 1 YAT		

Full Bloom 76 Fall 27

<b>《人</b> 多页集页集》			Dewberry Control	
	Treatment	Rate	Full Bloom Application	Fall Application (October)
		product/A	# Stems/Plot 1 Year After Trtmt	
	Pasturegard	4 pts	73	24
	Surmount	4 pts	49	32
<b>《外读</b> 》	Remedy Ultra	2 pts	63	26
	Grazon P+D Remedy Ultra	2 pts 1 pt	61	42
	Cimarron	0.4 oz	89	16
	Cimarron Max	Rate 1	83	20
	Cimarron Max	Rate 2	85	13
	Chaparral	2 ozs	90	24
	Chaparral 2,4-D Ester	2 ozs 1 qt	64	22
	Chaparral	3 ozs	79	19
	Forefront R&P	2 2/3 pts	82	61
	Remedy Ultra 2,4-D Ester	1 pt 1 qt	84	37
	DPX-MAT28	1 oz	90	14
	Untreated		96	81
	LSD(0.05) within timings (Columns): LSD(0.05) across timings (Rows):		24	
			27	







Untreated
96 Stems/Plot

0.4 ozs Cimarron/Acre
Full Bloom Application Timing
89 Stems/Plot

0.4 ozs Cimarron/Acre Fall Application Timing 16 Stems/Plot







Untreated
96 Stems/Plot

3 ozs Chapparal/Acre Full Bloom Application Timing 79 Stems/Plot

3 ozs Chapparal/Acre Fall Application Timing 19 Stems/Plot



Untreated
96 Stems/Plot

4 pts Pasturegard/Acre
Full Bloom Application Timing
73 Stems/Plot

4 pts Pasturegard/Acre Fall Application Timing 24 Stems/Plot