

Table 11. Canada thistle control with various herbicide treatments. Treatments were applied in mid-July when Canada thistle was in the flower budding stage.

Treatment*	Rate oz/A	Control (%)									
		8 DAT		15 DAT		22 DAT		35 DAT		57 DAT	
Roundup PowerMax 3	26.7	73	ab	89	bc	93	bc	97	ab	99	a
Roundup PowerMax 3	26.7	65	bcd	88	bc	94	ab	99	ab	100	a
Roundup PowerMax 3	26.7	72	b	92	ab	99	a	99	a	99	a
Milestone	7	55	d	80	de	80	de	91	cd	97	ab
Tordon	32	67	bc	78	def	81	de	90	d	97	ab
Method	8	55	d	75	f	80	de	89	d	97	ab
Method	12	67	bc	81	de	82	d	95	bc	100	a
Dicamba	32	57	cd	77	ef	76	e	83	e	88	c
Roundup PowerMax 3+ Method	26.7 8	84	a	94	a	95	ab	99	a	97	ab
Roundup PowerMax 3+ Method+	26.7 8	75	ab	88	c	88	c	98	ab	100	a
2,4-D LV6	16										
Roundup PowerMax 3+ Milestone	26.7 7	83	a	91	abc	96	ab	99	ab	99	a
Tordon	16	58	cd	79	def	79	de	89	d	94	b
Dicamba	16										
Method	8	58	cd	82	d	82	d	90	d	95	b
Dicamba	16										
LSD P=.10		10.87		4.41		5.10		4.15		4.17	
CV		11.63		3.75		4.22		3.18		3.08	
Treatment Prob(F)		0.0004		0.0001		0.0001		0.0001		0.0018	

*AMS (8.5 lb/100 gal) was included with all Roundup PowerMAX 3 treatments.

**Abbreviations: DAT, days after treatment

Application Description		Application Equipment	
Application Date	Jul-14-2022	Equipment Type	SPRBAC
Appl. Start Time	10:30 AM	Operation Pressure	25 PSI
Appl. Stop Time	11:30 AM	Nozzle Model	11015
Application Method	SPRAY	Nozzle Type	FLATFAN
Application Timing	POST	Nozzle Tip Size, Color	19 IN
Application Placement	BROADC	% Coverage	100
Applied By	DGA/CDD	Boom Length	76 IN
Appl. Entry Date	Jul-20-2022	Boom Height	43 IN
Air Temperature Start, Stop	79, 81 F	Ground Speed	2.56 MPH
% Relative Humidity Start, Stop	73, 70	Carrier	WATER
Wind Velocity+Dir. Start	3.9 MPH, NW	Application Amount	20 GAL/AC
Wind Velocity+Dir. Stop	4.2 MPH, NW	Mix Size	3 L
Wind Velocity+Dir. Max	11 MPH, NW	Propellant	CO2
Wet Leaves (Y/N)	N, no	Tank Mix (Y/N)	Y, yes
Soil Temperature	70 F		
Soil Moisture	GOOD		
% Cloud Cover	0		

*Abbreviations: POST, postemergence; BROADC, broadcast; SPRBAC, backpack sprayer