



Table 4. Palmer amaranth (AMAPA) response to weed control programs in Fort Cobb, Oklahoma 2020.

Trt No.	Treatment Name	Rate	Rate Unit	Appl Code	AMAPA Control	AMAPA Control	AMAPA Control	AMAPA Control	AMAPA Control	AMAPA Control	
					5/19 %	6/4 %	6/17 %	7/2 %	7/21 %	8/4 %	8/21 %
1	Untreated				0	0	0	0	0	0	
2	Valor®	2	oz/A	PRE	100	99	99	98	99	99	
	Gramoxone®	16	floz/A	AC							
3	Outlook®	12.8	floz/A	PRE	100	75	94	68	90	82	
	Gramoxone®	16	floz/A	AC							
4	Pursuit®	4	floz/A	PRE	100	82	96	58	80	64	
	Gramoxone®	16	floz/A	AC							
5	Pursuit®	2	floz/A	PRE	100	69	83	55	77	66	
	Pursuit®	2	floz/A	AC							
	Gramoxone®	16	floz/A	AC							
6	Valor®	2	oz/A	PRE	100	100	100	99	98	98	
	Pursuit®	4	floz/A	PRE							
	Gramoxone®	16	floz/A	AC							
7	Valor®	2	oz/A	PRE	100	99	100	99	100	99	
	Pursuit®	2	floz/A	PRE							
	Pursuit®	2	floz/A	AC							
	Gramoxone®	16	floz/A	AC							
8	Outlook®	12.8	floz/A	PRE	100	96	99	90	94	98	
	Pursuit®	4	floz/A	PRE							
	Gramoxone®	16	floz/A	AC							
9	Outlook®	12.8	floz/A	PRE	100	95	96	71	89	86	
	Pursuit®	2	floz/A	PRE							
	Pursuit®	2	floz/A	AC							
	Gramoxone®	16	floz/A	AC							
10	Valor®	2	oz/A	PRE	100	100	100	99	100	100	
	Outlook®	12.8	floz/A	PRE							
	Pursuit®	4	floz/A	PRE							
	Gramoxone®	16	floz/A	AC							
11	Valor®	2	oz/A	PRE	100	100	100	100	98	98	
	Outlook®	12.8	floz/A	PRE							
	Pursuit®	2	floz/A	PRE							
	Pursuit®	2	floz/A	AC							
	Gramoxone®	16	floz/A	AC							
12	Valor®	3	oz/A	PRE	100	100	85	98	91	92	
	Cadre®	4	floz/A	POST1							
	Dual Magnum®	16	floz/A	POST1							
	2,4-DB	21	floz/A	POST1							
	Agridex®	1%	v/v	POST1							
LSD P=.10					NS	11	7	15	11	16	21
Standard Deviation					0	9	6	12	9	14	18
CV					0	11	6	16	11	17	23
Treatment Prob (F)					1.0000	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001

Treatments 1-11 included Prowl H2O PRE (32 fl oz/A) and were followed by a a POST application of:
 Cobra (12.5 floz/A) + 2,4-DB (21 fl oz/A) + Agridex (1% v/v) - POST2
 Select Max (16 fl oz/A) + Agridex (1% v/v) - POST3
 All Gramoxone® POST treatments included Zidua® (1.75 fl oz/A) + Agridex (1% v/v)