

2006 Corn Herbicide Evaluation - Waseca Common Cocklebur Site

Herbicide	Rate	Giant foxtail	Common cocklebur	Common ragweed	H2O	Yield	Cost	Returns
<u>Preemergence</u>	(product/A)		(% control)		(%)	(bu/A)		(\$/A)
1 Keystone LA + Hornet WDG	2.2 qt + 4oz	99	71	98	18.85	186	42.65	413
<u>Preemergence/POST III (V4 corn)</u>								
2 Surpass / Hornet + Callisto + atrazine + COC + AMS	2.75 pt / 3 oz + 0.75 oz + 8 oz + 1% + 3 qt	98	90	91	18.18	206	50.16	461
3 Outlook / Status + atrazine + NIS + AMS	21 oz / 5 oz + 16 oz + 0.25% + 2.5 lb	99	86	99	18.18	209	53.69	
4 Define SC/ Liberty+atrazine+AMS	12 oz / 32 oz + 16 oz + 3.5 qt	98	85	97	19.1	204	47.69	463
5 Define SC/ Option+Distinct+MSO+28%	12 oz / 1.5 oz + 2 oz + 1.5 pt + 3 pt	99	91	97	19.13	194	49.90	448
6 Define SC/ Laudis+MSO+28%	12 oz / 3 oz + 1.5 pt + 3 pt	99	86	99	18.75	207		422
7 Cinch/ Steadfast+Callisto+atrazine+COC+AMS	1 pt / 0.75 oz + 2 oz + 16 oz +1% + 3 qt	97	95	99	18.38	199	58.35	434
8 Dual II Magnum/ Callisto+atrazine+COC+28%N	1 pt / 3 oz + 16 oz + 1% + 2.5%	99	89	88	16.88	202	60.07	450
9 Outlook / Aim+atrazine+Clarity+NIS	21 oz / 0.5 oz + 16 oz + 3 oz + 0.25%	99	96	97	18.5	194	44.28	433
10 Harness / Roundup WeatherMax+AMS	1.25 pt / 22 oz + 3 qt	99	93	98	19.15	190	50.75	410
11 Lumax / Touchdown Total+AMS	3 pt / 24 oz + 3 qt	99	97	99	19.28	192	54.89	409
12 Lumax / Liberty+AMS	3 pt / 24 oz + 3 qt	99	88	91	19.3	199	45.72	436
13 Keystone LA/ GlyphomaxXRT+AMS	1.1 qt / 24 oz + 3 qt	99	93	97	18.98	186	48.95	404
14 Outlook / Roundup WeatherMax+Status+AMS	12 oz / 14 oz+2.5 oz +3 qt	99	93	98	19.13	195	46.95	427
15 Dual II Magnum / Touchdown Total + Callisto + AMS	1 pt / 24 oz + 3 oz + 3 qt	99	94	99	19.23	210	63.32	447
16 Resolve / Atrazine + Roundup OriginalMax + NIS + AMS	1 oz / 16 oz + 22 oz + 0.25% + 3qt	98	96	96	18.65	187	44.31	415
17 GF 1834 / Glyphomax XRT + AMS	1.75 pt / 24 oz + 3 qt	99	94	98	18.98	190		
<u>Checks</u>								
18 Weedy Check	-	0	0	0	18.58	31	0.00	76
19 Weed-Free Check	-	100	100	100	18.25	189	0.00	467
<u>POST I (V2 corn)</u>								
20 Stout + Lumax + NIS	0.5 oz + 2 pt + 0.25%	81	82	95	19	188	29.42	430
21 Lumax + Touchdown Total + AMS	3 pt + 24oz + 3 qt	78	95	98	16.73	187	47.89	428
22 Lumax + Liberty + AMS	3 pt + 20oz + 3 qt	71	86	99	17.57	179	38.72	408
<u>POST III (V4 corn)</u>								
23 Steadfast+Callisto+atrazine+COC+AMS	0.75 oz + 2 oz + 16 oz +1% + 3 qt	94	98	99	18.15	195	37.40	444
24 Resolve + atrazine + Roundup OriginalMax + NIS + AMS	1 oz + 16 oz + 22 oz + 0.25% + 3 qt	97	90	91	19.63	191	37.31	422
LSD (P=0.10)		8	15	8	1.5	23		57