

## 2006 Corn Herbicide Evaluation - Waseca Giant Ragweed Site

Herbicide	Rate	Giant foxtail	Giant ragweed	H2O	Yield	Cost	Returns
<u>Preemergence</u>	(product/A)	(% control)	(%)	(bu/A)	(\$/A)		
1 Keystone LA + Hornet WDG	2.2 qt + 4oz	99	53	20.0	50	42.65	78
<b><u>Preemergence/POST III (V4 corn)</u></b>							
2 Surpass / Hornet + Callisto + atrazine + COC + AMS	2.75 pt / 3 oz + 0.75 oz + 8 oz + 1% + 3 qt	99	97	20.8	143	50.16	286
3 Outlook / Status + atrazine + NIS + AMS	21 oz / 5 oz + 16 oz + 0.25% + 2.5 lb	89	89	20.4	116	53.69	222
4 Define SC/ Liberty+atrazine+AMS	12 oz / 32 oz + 16 oz + 3.5 qt	97	81	19.5	108	47.69	212
5 Define SC/ Option+Distinct+MSO+28%	12 oz / 1.5 oz + 2 oz + 1.5 pt + 3 pt	96	81	20.1	97	49.90	180
6 Define SC/ Laudis+MSO+28%	12 oz / 3 oz + 1.5 pt + 3 pt	99	86	19.9	119		
7 Cinch/ Steadfast+Callisto+atrazine+COC+AMS	1 pt / 0.75 oz + 2 oz + 16 oz +1% + 3 qt	99	84	19.9	118	58.35	221
8 Dual II Magnum/ Callisto+atrazine+COC+28%N	1 pt / 3 oz + 16 oz + 1% + 2.5%	90	88	19.8	115	60.07	216
9 Outlook / Aim+atrazine+Clarity+NIS	21 oz / 0.5 oz + 16 oz + 3 oz + 0.25%	92	67	19.4	41	44.28	57
10 Harness / Roundup WeatherMax+AMS	1.25 pt / 22 oz + 3 qt	99	85	19.9	124	50.75	246
11 Lumax / Touchdown Total+AMS	3 pt / 24 oz + 3 qt	97	92	20.4	150	54.89	301
12 Lumax / Liberty+AMS	3 pt / 24 oz + 3 qt	92	89	18.6	126	45.72	263
13 Keystone LA/ GlyphomaxXRT+AMS	1.1 qt / 24 oz + 3 qt	93	79	19.7	124	48.95	247
14 Outlook / Roundup WeatherMax+Status+AMS	12 oz / 14 oz+2.5 oz +3 qt	99	84	20.4	142	46.95	288
15 Dual II Magnum / Touchdown Total + Callisto + AMS	1 pt / 24 oz + 3 oz + 3 qt	96	92	20.0	140	63.32	272
16 Resolve / Atrazine + Roundup OriginalMax + NIS + AMS	1 oz / 16 oz + 22 oz + 0.25% + 3qt	92	86	20.7	128	44.31	259
17 GF 1834 / Glyphomax XRT + AMS	1.75 pt / 24 oz + 3 qt	99	86	20.4	126		
<b><u>Checks</u></b>							
18 Weedy Check	-	0	0	19.8	7	0.00	16
19 Weed-Free Check	-	100	100	20.5	158	0.00	380
<b><u>POST I (V2 corn)</u></b>							
20 Stout + Lumax + NIS	0.5 oz + 2 pt + 0.25%	71	39	20.2	40	29.42	66
21 Lumax + Touchdown Total + AMS	3 pt + 24oz + 3 qt	80	62	19.4	81	47.89	148
22 Lumax + Liberty + AMS	3 pt + 20oz + 3 qt	88	55	19.6	60	38.72	106
<b><u>POST III (V4 corn)</u></b>							
23 Steadfast+Callisto+atrazine+COC+AMS	0.75 oz + 2 oz + 16 oz +1% + 3 qt	89	88	19.7	93	37.40	186
24 Resolve + atrazine + Roundup OriginalMax + NIS + AMS	1 oz + 16 oz + 22 oz + 0.25% + 3 qt	93	88	19.7	99	37.31	201
<b>LSD (P=0.10)</b>		<b>9</b>	<b>15</b>	<b>1.0</b>	<b>38</b>		<b>86</b>