

2006 Corn Herbicide Evaluation - Waseca Common Ragweed Site

Herbicide	Rate	Giant foxtail	Common ragweed	Common lambsquarters	Velevetleaf	H2O	Yield	Cost	Returns
	(product/A)			(% control)		(%)	(bu/A)	(\$/A)	(\$/A)
1 Keystone LA + Hornet WDG	2.2 qt + 4oz	92	99	99	99	17.8	198	42.65	451
Preemergence/POST III (V4 corn)									
2 Surpass / Hornet + Callisto + atrazine + COC + AMS	2.75 pt / 3 oz + 0.75 oz + 8 oz + 1% + 3 qt	94	97	99	97	17.8	206	50.16	462
3 Outlook / Status + atrazine + NIS + AMS	21 oz / 5 oz + 16 oz + 0.25% + 2.5 lb	98	99	99	99	17.5	201	53.69	451
4 Define SC/ Liberty+atrazine+AMS	12 oz / 32 oz + 16 oz + 3.5 qt	96	99	99	99	17.8	209	47.69	473
5 Define SC/ Option+Distinct+MSO+28%	12 oz / 1.5 oz + 2 oz + 1.5 pt + 3 pt	96	97	99	99	18.6	194	49.90	426
6 Define SC/ Laudis+MSO+28%	12 oz / 3 oz + 1.5 pt + 3 pt	96	97	99	99	17.7	235		
7 Cinch/ Steadfast+Callisto+atrazine+COC+AMS	1 pt / 0.75 oz + 2 oz + 16 oz +1% + 3 qt	96	99	99	99	18.3	225	58.35	499
8 Dual II Magnum/ Callisto+atrazine+COC+28%N	1 pt / 3 oz + 16 oz + 1% + 2.5%	95	99	99	99	17.9	201	60.07	441
9 Outlook / Aim+atrazine+Clarity+NIS	21 oz / 0.5 oz + 16 oz + 3 oz + 0.25%	89	99	99	99	17.7	195	44.28	442
10 Harness / Roundup WeatherMax+AMS	1.25 pt / 22 oz + 3 qt	99	97	97	99	17.0	218	50.75	500
11 Lumax / Touchdown Total+AMS	3 pt / 24 oz + 3 qt	96	99	99	99	17.7	221	54.89	498
12 Lumax / Liberty+AMS	3 pt / 24 oz + 3 qt	93	99	99	99	17.6	219	45.72	502
13 Keystone LA/ GlyphomaxXRT+AMS	1.1 qt / 24 oz + 3 qt	92	99	99	99	18.1	204	48.95	456
14 Outlook / Roundup WeatherMax+Status+AMS	12 oz / 14 oz+2.5 oz +3 qt	98	99	99	99	17.3	204	46.95	465
15 Dual II Magnum / Touchdown Total + Callisto + AMS	1 pt / 24 oz + 3 oz + 3 qt	98	99	99	99	17.8	216	63.32	475
16 Resolve / Atrazine + Roundup OriginalMax + NIS + AMS	1 oz / 16 oz + 22 oz + 0.25% + 3qt	95	99	99	99	18.2	219	44.31	498
17 GF 1834 / Glyphomax XRT + AMS	1.75 pt / 24 oz + 3 qt	99	99	99	99	17.9	209		
Checks									
18 Weedy Check	-	0	0	0	0	18.5	83	0.00	203
19 Weed-Free Check	-	100	100	100	100	17.8	223	0.00	554
POST I (V2 corn)									
20 Stout + Lumax + NIS	0.5 oz + 2 pt + 0.25%	89	99	99	99	17.6	211	29.42	499
21 Lumax + Touchdown Total + AMS	3 pt + 24oz + 3 qt	88	97	99	99	17.7	190	47.89	427
22 Lumax + Liberty + AMS	3 pt + 20oz + 3 qt	85	99	99	99	17.9	210	38.72	483
POST III (V4 corn)									
23 Steadfast+Callisto+atrazine+COC+AMS	0.75 oz + 2 oz + 16 oz +1% + 3 qt	97	99	99	99	17.5	230	37.40	538
24 Resolve + atrazine + Roundup OriginalMax + NIS + AMS	1 oz + 16 oz + 22 oz + 0.25% + 3 qt	96	98	99	96	18.3	216	37.31	496
LSD (P=0.10)		6	3	1	2	1.0	27		69