

2006 Corn Herbicide Evaluation - Rochester

Herbicide	Rate	Giant foxtail	Giant ragweed	Tall waterhemp	Common lambsquarters	H2O (%)	Yield (bu/A)	Cost	Returns
<u>Preemergence</u>	(product/A)	(% control)							(\$/A)
1 Keystone LA + Hornet WDG	2.2 qt + 4oz	97	91	98	99	15.8	171	42.65	398
<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	96	98	98	99	16.2	188	50.16	431
3 Outlook / Status + atrazine + NIS + AMS	21 oz / 5 oz + 16 oz + 0.25% + 2.5 lb	95	97	96	98	16.5	178	53.69	401
4 Define SC/ Liberty+atrazine+AMS	12 oz / 32 oz + 16 oz + 3.5 qt	98	87	85	95	16.5	168	47.69	380
5 Define SC/ Option+Distinct+MSO+28%	12 oz / 1.5 oz + 2 oz + 1.5 pt + 3 pt	99	96	94	96	16.9	145	49.90	317
6 Define SC/ Laudis+MSO+28%	12 oz / 3 oz + 1.5 pt + 3 pt	99	95	96	94	16.9	163		
7 Cinch/ Steadfast+Callisto+atrazine+COC+AMS	1 pt / 0.75 oz + 2 oz + 16 oz +1% + 3 qt	99	98	96	99	17.2	187	58.35	412
8 Dual II Magnum/ Callisto+atrazine+COC+28%N	1 pt / 3 oz + 16 oz + 1% + 2.5%	94	99	99	99	16.9	179	60.07	392
9 Outlook / Aim+atrazine+Clarity+NIS	21 oz / 0.5 oz + 16 oz + 3 oz + 0.25%	96	80	98	99	16.0	177	44.28	411
10 Harness / Roundup WeatherMax+AMS	1.25 pt / 22 oz + 3 qt	98	93	98	92	16.4	178	50.75	403
11 Lumax / Touchdown Total+AMS	3 pt / 24 oz + 3 qt	99	97	99	99	16.1	174	54.89	393
12 Lumax / Liberty+AMS	3 pt / 24 oz + 3 qt	99	97	99	99	15.9	187	45.72	436
13 Keystone LA/ GlyphomaxXRT+AMS	1.1 qt / 24 oz + 3 qt	98	94	99	99	16.1	177	48.95	405
14 Outlook / Roundup WeatherMax+Status+AMS	12 oz / 14 oz+2.5 oz +3 qt	98	98	97	80	16.4	168	46.95	383
15 Dual II Magnum / Touchdown Total + Callisto + AMS	1 pt / 24 oz + 3 oz + 3 qt	99	96	99	99	16.7	175	63.32	380
16 Resolve / Atrazine + Roundup OriginalMax + NIS + AMS	1 oz / 16 oz + 22 oz + 0.25% + 3qt	98	97	95	98	15.9	177	44.31	413
17 GF 1834 / Glyphomax XRT + AMS	1.75 pt / 24 oz + 3 qt	98	97	99	99	16.0	176		
<u>Checks</u>									
18 Weedy Check	-	0	0	0	0	16.3	4	0.00	11
19 Weed-Free Check	-	100	100	100	100	15.6	181	0.00	468
<u>POST I (V2 corn)</u>									
20 Stout + Lumax + NIS	0.5 oz + 2 pt + 0.25%	94	97	98	99	15.9	171	29.42	410
21 Lumax + Touchdown Total + AMS	3 pt + 24oz + 3 qt	91	98	99	99	15.7	173	47.89	399
22 Lumax + Liberty + AMS	3 pt + 20oz + 3 qt	95	98	97	99	15.7	180	38.72	425
<u>POST III (V4 corn)</u>									
23 Steadfast+Callisto+atrazine+COC+AMS	0.75 oz + 2 oz + 16 oz +1% + 3 qt	96	94	83	98	16.4	173	37.40	405
24 Resolve + atrazine + Roundup OriginalMax + NIS + AMS	1 oz + 16 oz + 22 oz + 0.25% + 3 qt	98	94	90	92	17.1	181	37.31	420
LSD (P=0.10)		3	2	3	3	0.5	19		49