

2005 Corn Herbicide Evaluation
 Combined across all sites

Herbicide	Rate	Giant	Yellow	Common	Giant	Common	Common	Common	Redroot	Tall	Yield	Cost	Returns	
		foxtail	Foxtail	ragweed	ragweed	cocklebur	Velvetleaf	lambsquarters.	Pigweed	waterhemp				
		Number of locations												
		5	1	2	2	2	2	3	2	2	5			
												(bu/A)	(\$/A)	(\$/A)
<u>Preemergence</u>														
1	Keystone LA + Hornet WDG	2.2 qt + 4oz	97	83	99	95	94	88	98	99	99	183	41.77	273
2	Lumax	6 pt	88	77	99	89	71	90	99	99	95	181	40.10	270
<u>Preemergence/POST II (V4 corn)</u>														
3	Surpass / Hornet + Callisto + atrazine + COC + AMS	2.75 pt / 3 oz + 0.75 oz + 8 oz + 1% + 3 qt	98	92	97	99	99	99	99	99	99	193	52.81	279
4	KIH-485 / Hornet + Callisto + atrazine + COC + AMS	8 oz / 3 oz + 0.75 oz + 8 oz + 1% + 3 qt	91	91	99	99	99	99	99	98	99	189	na	na
5	Outlook / Distinct + atrazine + NIS + AMS	21 oz / 4 oz + 16 oz + 0.25% + 2.5 lb	99	89	99	98	99	99	99	99	97	190	48.61	279
6	Define SC/ Liberty+atrazine+AMS	12 oz / 32 oz + 16 oz + 3.5 qt	99	86	99	98	97	97	99	99	89	187	42.66	278
7	Define SC/ Option+Distinct+MSO+28%	12 oz / 1.5 oz + 2 oz + 1.5 pt + 3 pt	98	92	98	88	96	98	99	98	84	183	47.76	264
8	Cinch/ Steadfast+Callisto+atrazine+COC+AMS	1 pt / 0.75 oz + 2 oz + 16 oz +1% + 4.7 pt	98	88	99	98	96	99	99	99	99	187	52.84	266
9	Dual II Magnum/ Callisto+atrazine+COC+28%N	2 pt / 3 oz + 16 oz + 1% + 2.5%	95	92	99	99	99	99	99	99	99	193	54.69	276
10	Outlook/ Aim+atrazine+Clarity+NIS	21 oz / 0.5 oz + 16 oz + 3 oz + 0.25%	92	92	98	90	97	95	99	98	95	186	40.79	278
11	Harness/ Roundup WeatherMax+AMS	1.25 pt / 22 oz + 3 qt	99	84	99	94	96	95	98	99	89	192	47.85	282
12	Keystone LA / Glyphomax XRT + AMS	2.2 pt / 24 oz + 3 qt	99	87	99	96	97	97	99	99	92	185	44.00	273
13	Outlook/ Distinct + RoundupWeatherMax + NIS + AMS	12 oz / 3 oz + 11 oz + 0.25% + 3 qt	99	89	99	97	96	99	99	98	91	197	52.77	286
14	Basis + atrazine/ Roundup OriginalMax	0.4 oz + 12 oz/ 22 oz	98	79	99	96	96	96	99	97	83	193	35.99	296
<u>Checks</u>														
15	Weedy Check	-	0	0	0	0	0	0	0	0	0	77	0.00	134
16	Weed-Free Check	-	100	100	100	100	100	100	100	100	100	186	0.00	319
<u>POST I (V2 corn)</u>														
17	Basis + Lumax + NIS	0.33 oz + 3.5 pt + 0.25%	92	94	99	99	93	99	99	99	99	195	32.12	303
18	Lumax + Touchdown Total + AMS	3 pt + 24oz + 2 qt	97	92	99	99	97	99	99	98	98	197	43.57	294
19	Lumax + Liberty + AMS	3 pt + 20oz + 2 qt	97	95	99	98	95	99	99	98	99	194	34.62	299
20	Steadfast + Lumax + NIS	0.75 oz + 2 pt + 0.25%	97	88	97	97	90	99	99	98	97	197	33.93	305
<u>POST II (V3 corn)</u>														
21	Option + Callisto + MSO + 28%N	1.5 oz + 1.5 oz + 1.5 pt + 3 pt	94	75	96	83	96	99	99	99	88	184	32.17	283
<u>POST III (V4 corn)</u>														
22	Steadfast+Callisto+atrazine+COC+AMS	0.75 oz + 2 oz + 16 oz +1% + 4.7 pt	95	86	99	98	96	99	99	99	93	195	34.07	300
23	Resolve + Roundup OriginalMax + AMS	1 oz + 22 oz + 4.7 pt	98	84	97	96	97	98	98	97	86	190	32.23	293
24	Resolve + atrazine + Roundup OriginalMax + AMS	1 oz + 16 oz + 22 oz + 4.7 pt	98	85	98	98	96	98	99	98	87	200	33.51	310
LSD (0.10)			2	6	2	5	3	4	1	1	4	10		17