

2001 Corn Herbicide Evaluation - Waseca
Common Ragweed Site

Herbicide	Rate	Weed Species*					Twt	H ₂ O	Yield	Cost	Returns
		Gift	Corw	Vele	Colq	Rrpw					
<u>Preemergence</u>	(pt/A)	-----(% control)-----					(lb/bu)	(%)	(bu/A)	(\$/A)	(\$/A)
Surpass + Hornet WDG	2.75 + 4 oz	98	77	99	99	99	55.9	22.4	170	\$39.90	222
<u>Pre / Postemergence (3-4 inch weeds)</u>											
Surpass / Hornet WDG + atrazine + COC + AMS	2.75 / 3 oz + 0.83 lb + 1% + 2.5 lb	96	99	99	99	99	57.0	21.9	175	\$45.62	226
Surpass / Hornet WDG + Clarity + NIS + AMS	2.75 / 3 oz + 4 oz + 0.25% + 2.5 lb	98	99	99	99	99	57.2	21.6	174	\$46.22	227
Surpass / Hornet WDG + Aim + NIS + AMS	2.75 / 3 oz + 0.33 oz + 0.25% + 2.5 lb	97	99	99	99	99	55.1	21.9	176	\$46.01	228
Surpass / Aim + atrazine + COC	2.75 / 0.33 oz + 1.1 lb + 1%	98	95	92	99	99	56.7	22.0	180	\$38.88	241
Surpass / Aim + atrazine + Clarity + NIS	2.75 / 0.33 oz + 0.55 lb + 4 oz + 0.25%	97	98	98	99	99	56.9	21.2	174	\$40.21	234
Outlook / Distinct + NIS + AMS	21 oz / 4 oz + 0.25% + 1 lb	98	99	99	99	99	56.8	22.3	173	\$33.86	234
Outlook / Celebrity Plus + Distinct + NIS + AMS	16 oz / 3.5 oz + 1 oz + 0.25% + 1 lb	99	99	99	99	99	57.1	21.4	175	\$41.33	234
Dual II Magnum / Callisto + atrazine + COC + 28%N	2 / 3 oz + 0.28 lb + 1% + 2.5%	90	98	99	99	99	56.5	21.9	173	\$50.33	219
Dual II Magnum / Northstar + COC + 28%N	2 / 5 oz + 1% + 2.5%	91	99	99	99	99	57.0	22.0	170	\$49.15	216
Dual II Magnum / Northstar + Accent + COC + 28%N	1 / 4 oz + 0.33 oz + 1% + 2.5%	95	99	99	99	99	56.8	21.6	177	\$45.13	232
Dual II Magnum / Northstar + atrazine + COC + 28%N	1 / 4 oz + 0.55 lb + 1% + 2.5%	79	96	91	99	99	56.4	21.5	161	\$35.52	218
Axiom / Hornet WDG + COC + 28%N	22 oz / 3 oz + 1% + 2.5%	81	99	99	99	99	56.6	21.7	164	\$45.49	211
Surpass / Accent Gold + atrazine + COC + 28%N	1.5 / 2.9 oz + 0.83 lb + 1% + 4	98	98	99	99	99	57.1	22.2	178	\$48.97	227
Balance Pro / Liberty + atrazine + AMS	2.25 oz / 24 oz + 1.1 lb + 3 lb	97	99	99	99	99	56.4	22.2	172	No Label	
Define / Liberty + atrazine + AMS	10 oz / 24 oz + 1.1 lb + 3 lb	97	95	98	99	98	57.4	21.7	181	\$41.95	241
Harness / MON 12075 + NIS	1.25 / 4 oz + 0.25%	85	98	99	99	99	55.4	21.6	164	No Label	
<u>Postemergence (3 collar corn)</u>											
Lightning + Marksman + NIS + AMS	1.28 oz + 2 pt + 0.25% + 2.5 lb	99	99	99	99	99	56.9	21.7	170	\$29.07	237
<u>Postemergence (4 collar corn)</u>											
Steadfast + Callisto + atrazine + COC	0.75 oz + 2 oz + 0.28 lb + 1%	96	93	99	99	99	56.8	21.8	172	\$34.16	235
Steadfast + Hornet WDG + atrazine + COC	0.75 oz + 3 oz + 0.55 lb + 1%	97	91	99	99	99	56.6	22.3	173	\$33.19	234
Steadfast + Aim + atrazine + COC	0.75 oz + 0.33 oz + 0.55 lb + 1%	97	0	74	99	99	55.7	22.5	147	\$26.42	199
Accent Gold + Marksman + COC + 28%N	2.9 oz + 1 + 1% + 4	92	91	99	99	99	57.3	21.8	175	\$33.00	240
<u>Checks</u>											
Weedy Check	-	0	0	0	0	0	54.4	23.6	23	\$0.00	35
Weed-Free	-	100	100	100	100	100	56.9	21.2	179	\$0.00	282
	LSD(0.10)	5	6	13	0	0	1.6	0.9	12		18

* Weed Species

- Gift = Giant Foxtail
- Corw = Common Ragweed
- Vele = Velvetleaf
- Rrpw = Redroot Pigweed
- Colq = Common Lambsquarters