

2001 Corn Herbicide Evaluation - Waseca
Common Cocklebur Site

Herbicide	Rate	Weed Species*			Twt	H ₂ O	Yield	Cost	Returns
		Gift	Cocb	Corw					
<u>Preemergence</u>	(pt/A)	----(% control)----			(lb/bu)	(%)	(bu/A)	(\$/A)	(\$/A)
Surpass + Hornet WDG	2.75 + 4 oz	99	6	31	54.3	20.9	43	\$39.90	29
<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	99	96	96	56.3	21.2	152	\$45.62	193
Surpass / Hornet WDG + Clarity + NIS + AMS	2.75 / 3 oz + 4 oz + 0.25% + 2.5 lb	99	98	94	56.7	21.1	143	\$46.22	180
Surpass / Hornet WDG + Aim + NIS + AMS	2.75 / 3 oz + 0.33 oz + 0.25% + 2.5 lb	99	92	78	56.2	21.0	127	\$46.01	155
Surpass / Aim + atrazine + COC	2.75 / 0.33 oz + 1.1 lb + 1%	99	33	79	55.7	21.1	128	\$38.88	163
Surpass / Aim + atrazine + Clarity + NIS	2.75 / 0.33 oz + 0.55 lb + 4 oz + 0.25%	99	95	91	56.6	21.5	147	\$40.21	191
Outlook / Distinct + NIS + AMS	21 oz / 4 oz + 0.25% + 1 lb	99	92	98	56.6	21.3	144	\$33.86	193
Outlook / Celebrity Plus + Distinct + NIS + AMS	16 oz / 3.5 oz + 1 oz + 0.25% + 1 lb	98	94	86	55.2	22.4	116	\$41.33	137
Dual II Magnum / Callisto + atrazine + COC + 28%N	2 / 3 oz + 0.28 lb + 1% + 2.5%	93	94	92	56.1	22.0	151	\$50.33	185
Dual II Magnum / Northstar + COC + 28%N	2 / 5 oz + 1% + 2.5%	95	96	91	55.9	21.6	129	\$49.15	153
Dual II Magnum / Northstar + Accent + COC + 28%N	1 / 4 oz + 0.33 oz + 1% + 2.5%	98	88	90	55.5	22.2	123	\$45.13	145
Dual II Magnum / Northstar + atrazine + COC + 28%N	1 / 4 oz + 0.55 lb + 1% + 2.5%	92	92	91	55.1	21.3	125	\$35.52	161
Axiom / Hornet WDG + COC + 28%N	22 oz / 3 oz + 1% + 2.5%	86	96	92	54.6	21.4	129	\$45.49	157
Surpass / Accent Gold + atrazine + COC + 28%N	1.5 / 2.9 oz + 0.83 lb + 1% + 4	98	98	91	56.4	20.9	152	\$48.97	192
Balance Pro / Liberty + atrazine + AMS	2.25 oz / 24 oz + 1.1 lb + 3 lb	97	92	99	56.7	21.7	149	No Label	
Define / Liberty + atrazine + AMS	10 oz / 24 oz + 1.1 lb + 3 lb	99	86	78	56.3	20.8	154	\$41.95	203
Harness / MON 12075 + NIS	1.25 / 4 oz + 0.25%	76	97	82	55.5	20.8	144	No Label	
<u>Postemergence (3 collar corn)</u>									
Lightning + Marksman + NIS + AMS	1.28 oz + 2 pt + 0.25% + 2.5 lb	99	90	98	56.6	22.1	154	\$29.07	211
<u>Postemergence (4 collar corn)</u>									
Steadfast + Callisto + atrazine + COC	0.75 oz + 2 oz + 0.28 lb + 1%	95	92	99	55.6	22.2	149	\$34.16	196
Steadfast + Hornet WDG + atrazine + COC	0.75 oz + 3 oz + 0.55 lb + 1%	99	98	66	54.8	21.2	130	\$33.19	172
Steadfast + Aim + atrazine + COC	0.75 oz + 0.33 oz + 0.55 lb + 1%	98	25	5	54.0	21.1	25	\$26.42	14
Accent Gold + Marksman + COC + 28%N	2.9 oz + 1 + 1% + 4	94	98	82	55.5	20.9	131	\$33.00	175
<u>Checks</u>									
Weedy Check	-	0	0	0	54.0	21.0	1	\$0.00	1
Weed-Free	-	100	100	100	56.9	21.3	150	\$0.00	237
	LSD(0.10)	10	12	14	1.2	0.8	16		25

* Weed Species
Gift = Giant Foxtail
Cocb = Common Cocklebur
Corw = Common Ragweed