

2001 Corn Herbicide Evaluation  
Morris

Herbicide	Rate (pt/A)	Weed Species*				H <sub>2</sub> O (%)	Yield (bu/A)	Cost (\$/A)	Returns (\$/A)
		Gift	Colq	Rrpw	Wimu				
<u>Preemergence</u>		-----(% control)-----							
Surpass + Hornet WDG	2.75 + 4 oz	92	100	100	100	29.6	110	\$39.90	109
<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	97	100	100	100	28.8	113	\$45.62	109
Surpass / Hornet WDG + Clarity + NIS + AMS	2.75 / 3 oz + 4 oz + 0.25% + 2.5 lb	78	95	100	100	29.9	113	\$46.22	105
Surpass / Hornet WDG + Aim + NIS + AMS	2.75 / 3 oz + 0.33 oz + 0.25% + 2.5 lb	96	100	100	100	28.0	118	\$46.01	117
Surpass / Aim + atrazine + COC	2.75 / 0.33 oz + 1.1 lb + 1%	96	100	100	100	29.0	126	\$38.88	132
Surpass / Aim + atrazine + Clarity + NIS	2.75 / 0.33 oz + 0.55 lb + 4 oz + 0.25%	95	100	100	100	28.2	98	\$40.21	96
Outlook / Distinct + NIS + AMS	21 oz / 4 oz + 0.25% + 1 lb	94	100	100	100	27.9	115	\$33.86	126
Outlook / Celebrity Plus + Distinct + NIS + AMS	16 oz / 3.5 oz + 1 oz + 0.25% + 1 lb	94	100	100	100	28.5	116	\$41.33	118
Dual II Magnum / Callisto + atrazine + COC + 28%N	2 / 3 oz + 0.28 lb + 1% + 2.5%	99	100	100	100	26.7	125	\$50.33	127
Dual II Magnum / Northstar + COC + 28%N	2 / 5 oz + 1% + 2.5%	98	100	100	100	28.6	107	\$49.15	98
Dual II Magnum / Northstar + Accent + COC + 28%N	1 / 4 oz + 0.33 oz + 1% + 2.5%	98	100	100	100	27.8	120	\$45.13	122
Dual II Magnum / Northstar + atrazine + COC + 28%N	1 / 4 oz + 0.55 lb + 1% + 2.5%	96	100	100	100	29.0	105	\$35.52	107
Axiom / Hornet WDG + COC + 28%N	22 oz / 3 oz + 1% + 2.5%	92	100	100	100	28.8	115	\$45.49	112
Surpass / Accent Gold + atrazine + COC + 28%N	1.5 / 2.9 oz + 0.83 lb + 1% + 4	100	75	75	75	30.1	132	\$48.97	127
Balance Pro / Liberty + atrazine + AMS	2.25 oz / 24 oz + 1.1 lb + 3 lb	99	100	100	100	27.5	120	No Label	
Define / Liberty + atrazine + AMS	10 oz / 24 oz + 1.1 lb + 3 lb	96	75	75	75	28.9	117	\$41.95	118
Harness / MON 12075 + NIS	1.25 / 4 oz + 0.25%	91	100	100	100	28.1	125	No Label	
<u>Postemergence (3 collar corn)</u>									
Lightning + Marksman + NIS + AMS	1.28 oz + 2 pt + 0.25% + 2.5 lb	85	99	100	100	29.7	121	\$29.07	133
<u>Postemergence (4 collar corn)</u>									
Steadfast + Callisto + atrazine + COC	0.75 oz + 2 oz + 0.28 lb + 1%	85	100	100	100	29.4	125	\$34.16	134
Steadfast + Hornet WDG + atrazine + COC	0.75 oz + 3 oz + 0.55 lb + 1%	84	100	99	100	30.2	111	\$33.19	115
Steadfast + Aim + atrazine + COC	0.75 oz + 0.33 oz + 0.55 lb + 1%	85	100	100	100	29.2	118	\$26.42	134
Accent Gold + Marksman + COC + 28%N	2.9 oz + 1 + 1% + 4	82	100	100	100	30.4	124	\$33.00	132
<u>Checks</u>									
Weedy Check	-	0	0	0	0	33.5	72	\$0.00	90
Weed-Free	-	100	100	100	100	29.7	116	\$0.00	156
	LSD(0.10)	10	17	17	17	1.6	18		26

\* Weed Species  
 Gift = Giant Foxtail  
 Colq = Common Lambsquarters  
 Rrpw = Redroot Pigweed  
 Wimu = Wild Mustard