

Herbicide	Rate	GIFT	CORW	VELE	COLQ	RRPW	TWT	H2O	Yield	Herbicide Cost	Net Returns	Returns over Weedy Check
<u>PPI / Postemergence (3-4-inch weeds)</u>	(pt/A)			(% control)			(lb/bu)	(%)	(bu/A)	(\$/A)	(\$/A)	(\$/A)
Doubleplay / Clarity	6/ 1	87	98	98	99	99	56.5	17.0	162.0	\$46.36	228.01	123
Dual II Magnum/ Clarity	2/ 1	77	99	99	99	99	57.4	16.5	162.3	\$48.31	228.95	124
Acetochlor / Clarity	2.5/ 1	83	99	99	99	99	57.0	16.8	157.1	\$42.73	224.54	119
Outlook / Clarity	21 oz/ 1	80	99	99	99	99	56.4	17.8	143.7			
<u>Pre / Postemergence (3-4 inch weeds)</u>												
Dual II Magnum/ Clarity	2/ 1	88	99	99	99	99	58.2	15.3	154.8	\$46.31	223.41	118
Acetochlor / Clarity	2.5/ 1	91	99	99	99	99	57.6	15.8	162.7	\$40.73	240.56	135
Outlook / Clarity	21 oz/ 1	80	97	99	98	99	58.1	15.1	165.8			
Weedy Check	--	0	0	0	0	0	54.2	18.7	64.0	\$0.00	105.29	0
<u>Pre / Postemergence (3-4 inch weeds) + Cultivation</u>												
Dual II Magnum/ Clarity	2/ 1	95	99	99	99	99	58.2	14.8	170.6	\$51.31	248.07	143
Acetochlor / Clarity	2.5/ 1	95	99	98	99	99	57.9	15.3	164.1	\$45.73	239.99	135
Outlook / Clarity	21 oz/ 1	93	99	99	99	99	58.1	14.9	158.8			
Hand-weeded	--	100	100	100	100	100	57.2	16.2	164.3	\$0.00	282.02	177
<u>Preemergence</u>												
Surpass 100+Hornet	2.5 + 3 oz	80	90	99	99	99	58.5	15.0	161.7	\$28.08	255.15	150
Surpass + Balance Pro	1.25 + 2.5 oz	95	71	97	99	96	58.4	15.0	169.0			
<u>Pre / Postemergence (3 collar corn)</u>												
Outlook / Distinct + NIS + 28%N	21 oz / 6 oz + 0.25% + 1qt	97	95	99	96	99	58.6	15.0	158.5			
<u>Pre / Postemergence (4 collar corn)</u>												
Outlook / Distinct + NIS + 28%N	21 oz / 4 oz + 0.25% + 1qt	94	99	93	99	99	58.1	15.4	170.9			
Surpass / Liberty + atrazine + AMS	1.5 / 20 oz + 0.5 lb + 2.5 lb	93	59	97	90	99	57.8	15.7	165.2	\$40.58	245.00	140
Dual II Magnum / Accent Gold + Clarity + COC + 28%	0.66 / 2.9 oz + 4 oz + 1% + 4%	98	98	99	99	99	58.4	14.8	165.8	\$47.54	243.41	138
Axiom / Liberty + atrazine + AMS	11 oz / 20 oz + 0.5 lb + 2.5 lb	94	90	97	92	99	58.3	14.8	175.6	\$39.52	268.77	163
Axiom / Accent Gold + COC + 28%	13 oz / 2.9 oz+1% + 4%	99	98	99	99	99	58.5	14.9	179.6	\$49.57	265.38	160
Rimsulfuron + flufenacet / Clarity	2 oz + 12 oz / 0.5	89	97	93	99	99	58.6	15.1	164.2	\$46.81	239.98	135
Dual II Magnum / Aim + Hornet + NIS	2 / 0.32 oz/A + 3 oz + 0.25%	81	99	99	99	99	58.4	14.9	165.8	\$48.22	242.12	137
Dual II Magnum / Northstar + Aim + NIS	2 / 5 oz/A + 0.32 oz + 0.25%	84	99	99	99	99	58.3	14.8	169.2	\$49.09	247.89	143
Axiom / Clarity	23 oz / 0.5	75	99	98	98	99	58.5	15.2	160.2	\$44.29	235.21	130
Surpass / ZA 1296 + COC + 28%N	2.5 / 3 oz + 1% + 2.5%	91	90	99	99	99	58.6	15.1	152.1	\$45.94	219.73	114
Surpass / Hornet + Clarity + NIS + AMS	2.5 / 3 oz + 4 oz + 0.25% + 2 lb	93	99	99	99	99	59.1	14.3	171.0	\$44.08	258.27	153
Balance Pro / Liberty + atrazine + AMS	1.87 oz / 24 oz + 0.5 lb + 2.5 lb	96	95	99	99	99	58.2	14.9	177.9	\$45.94	266.00	161
Dual II Magnum / Northstar + COC + 28%N	2.5 / 5 oz + 2 + 4	92	99	99	99	99	58.4	15.2	172.2	\$48.97	251.62	146
<u>Mechanical Treatments</u>												
2X Rotary Hoe / 3X cultivation		54	16	60	60	60	56.7	16.8	142.8	\$25.00	217.80	113
1X Spring Tooth harrow / 1X Rotary Hoe / 3 X Cult		48	43	61	61	61	56.8	16.2	146.0	\$25.00	225.56	120
<u>Postemergence (2 collar corn) + cultivation</u>												
Basis + Clarity + NIS + 28%	0.33 oz/A + 0.5 + 0.25% + 4%	99	89	99	97	97	58.7	14.7	178.1	\$25.45	287.60	182
<u>Postemergence (3 collar corn) + cultivation</u>												
Basis Gold + Hornet + COC + 28%	14 oz + 2.4 oz/A + 15% + 2	99	99	99	99	99	58.6	15.2	161.3	\$36.44	244.76	139
Lightning + Clarity + NIS + 28%	1.28 oz + 6 oz/A + 0.25% + 1.25%	99	99	99	99	99	58.9	14.8	172.3	\$30.68	271.53	166
<u>Postemergence (4 collar corn) + cultivation</u>												
Accent+ Distinct+ NIS+ 28% N	0.67 oz/A + 4 oz + 0.25% + 2	98	98	99	98	99	58.7	14.6	160.7	\$37.58	245.59	140
<u>Postemergence (3 collar corn)</u>												
Basis Gold + Hornet + COC + 28%	14 oz + 2.4 oz/A + 1% + 2	97	96	99	99	99	57.9	14.9	179.0	\$36.44	277.45	172
Lightning + Clarity + NIS + 28%	1.28 oz + 6 oz/A + 0.25% + 1.25%	99	94	99	99	93	58.5	15.2	172.2	\$25.68	274.83	170
Rimsulfuron + Accent + Distinct + NIS + 28%N	0.75 oz + 0.5 oz + 4 oz + 0.25% + 4	94	94	98	97	97	57.9	15.0	175.7			
<u>Postemergence (4 collar corn)</u>												
Celebrity Plus + NIS + 28%N	4.7 oz + 0.25% + 4%	98	99	96	99	99	57.6	15.3	161.6	\$32.58	248.76	143
Liberty + atrazine + AMS	20 oz/A + 0.5 lb + 2.5 lb	93	93	99	99	99	58.7	15.0	172.9	\$23.42	279.12	174
Accent Gold + Clarity + COC + 28%	2.9 oz + 4 oz/A + 1% + 4	99	99	99	99	99	57.9	15.0	175.0	\$32.96	273.11	168
LSD(0.10)		9.0	11.0	4.0	4.0	4.0	0.9	0.9	18.0			