

1997-99 Corn Herbicide Evaluation - Lambertton

Herbicide	Rate	yft	colq	twt	h2o	Yield	returns	Standard Error
<u>PPI / Postemergence (3-4-inch weeds)</u>								
Doubleplay / Clarity	6/ 1	92	99	55.5	21.6	172	\$221.21	10.4
Dual II Magnum/ Clarity	2/ 1	86	99	56.4	21.0	165	\$209.96	9.2
Acetochlor / Clarity	2.5/ 1	89	99	56.5	20.5	170	\$225.88	7.8
Frontier / Clarity	2.0/ 1	86	99	56.3	20.5	169	\$225.47	8.8
<u>Pre / Postemergence (3-4 inch weeds)</u>								
Dual II Magnum/ Clarity	2/ 1	80	99	55.3	22.4	152	\$185.35	17.9
Acetochlor / Clarity	2.5/ 1	87	98	56.0	21.5	164	\$214.05	12.9
Frontier / Clarity	2.0/ 1	82	99	56.0	21.2	158	\$205.51	17.5
Weedy Check	--	0	0	53.2	23.8	68	\$103.88	11.1
<u>Pre / Postemergence (3-4 inch weeds) + Cultivation</u>								
Dual II Magnum/ Clarity	2/ 1	90	99	55.4	22.9	159	\$188.19	16.5
Acetochlor / Clarity	2.5/ 1	95	99	55.1	22.4	167	\$210.69	16.2
Frontier / Clarity	2.0/ 1	91	99	55.8	22.1	163	\$204.81	17.6
Weed-Free	--	100	100	55.6	21.9	170	\$263.74	8.0
<u>Pre / Postemergence (3 to 4-inch weeds)</u>								
Surpass / Hornet + Clarity + NIS + 28%	2.5 / 2.4 oz + 4 oz + 0.25% + 2.5%	86	98	56.2	20.9	162	\$209.43	14.3
Dual II Magnum / Northstar + COC + 28%	2 / 0.5 oz/A + 2 + 4	82	98	55.5	22.2	158	\$194.06	18.9
Frontier / Distinct + NIS + 28%	32 oz/A / 6 oz/A + 0.25% + 1.25%	88	98	55.5	22.4	158	\$196.27	14.1
<u>Postemergence (2 collar corn) + cultivation</u>								
Basis + Clarity + NIS + 28%	0.33 oz/A + 0.5 + 0.25% + 4%	80	99	56.9	20.0	164	\$234.58	11.1
<u>Postemergence (3 collar corn)</u>								
Basis Gold + Hornet + COC + 28%	14 oz + 2.4 oz/A + 1% + 2	80	99	55.4	22.3	161	\$213.27	13.9
<u>Postemergence (4 collar corn)</u>								
Accent+ Distinct+ NIS+ 28% N	0.67 oz/A + 4 oz + 0.25% + 2	85	99	55.4	22.4	163	\$213.32	15.2
	LSD(0.10)	4	1	1.0	1.3	11		
Corn Price = \$1.76	Drying Cost \$0.025/pt to 15.5%							

Figure 3. Risk Efficiency for Corn Treatments at Lamberton in 1997-1999

