

2000 Soybean Herbicide Evaluation - Lamberton

Herbicide	Rate	Yeft	Colq	Rrpw	Pesw	Yield	Cost	Net Returns	Returns over Weedy Check
<u>PPI 2X</u>	(pt/A)	-----(% control)-----				(bu/A)	(\$/A)	(\$/A)	(\$/A)
Pursuit Plus	2.5	90	98	98	98	47.9	\$12.49	\$233.72	187
Treflan + First Rate	1.5 + 0.6 oz	86	94	98	98	45.0	\$28.69	\$202.61	156
<u>PPI 2X / Postemergence (4-inch weeds)</u>									
Treflan / Pursuit + COC + 28%	1.5 / 2 oz + 1.25% + 1.25%	98	93	98	98	48.2	\$27.91	\$219.84	174
Treflan / Pursuit + COC + 28%	1.5 / 4 oz + 1.25% + 1.25%	98	98	98	98	51.0	\$35.20	\$226.94	181
Treflan / Galaxy + 28%	1.5 / 2 + 2.5%	93	96	98	98	46.6	\$36.39	\$203.13	157
Command / Pursuit + COC + 28%	1.5 / 2 oz + 1.25% + 1.25%	97	94	98	98	47.7	\$38.63	\$206.55	160
Pursuit Plus / Roundup Ultra + AMS	2.5 / 1.5 + 2.5lb	98	98	98	98	49.3	\$40.28	\$213.12	167
Treflan / Roundup Ultra + AMS	1.5 / 1.5	98	98	98	98	50.8	\$32.67	\$228.44	182
Pursuit Plus / Rezult + Ultra Blazer + COC + 28%N	1.75 / 3.2 + 12 oz + 1 + 2	98	98	98	98	45.9	\$35.92	\$200.01	154
Weedy Check		0	0	0	0	9.0		\$46.26	0
<u>PPI 2X / Postemergence (4-inch weeds) + cultivation</u>									
Treflan / Pursuit + COC + 28%	1.5 / 2 oz + 1.25% + 1.25%	98	98	98	98	49.2	\$32.91	\$219.98	174
Treflan / Pursuit + COC + 28%	1.5 / 4 oz + 1.25% + 1.25%	98	98	98	98	47.8	\$40.20	\$205.49	159
Treflan / Galaxy+ 28% N	1.5 / 2 + 2.5%	97	98	98	98	49.6	\$42.64	\$212.30	166
Hand-weeded	-	100	100	100	100	50.7		\$260.60	214
<u>Preemergence</u>									
Command + Spartan	2+12 oz	92	97	98	98	47.4		\$243.64	
Command + First Rate	2+0.6 oz	85	92	98	97	47.7	\$36.65	\$208.53	162
<u>Preemergence / Postemergence (4-inch weeds)</u>									
Command / Roundup Ultra+ AMS	2 / 1.5 + 2.5 lb	97	95	96	98	47.9	\$40.35	\$205.86	160
Domain / Roundup Ultra + AMS	13 oz / 1.5 + 2.5 lb	97	98	97	98	48.8	\$35.47	\$215.36	169
Boundary / Roundup Ultra + AMS	1.5 / 1.5 + 2.5 lb	98	96	97	98	46.0	\$35.82	\$200.62	154
Frontier / Roundup Ultra + AMS	1.5 / 1.5 + 2.5 lb	98	96	98	98	49.1	\$40.33	\$212.04	166
Authority / Roundup Ultra + AMS	4 oz / 1.5 + 2.5 lb	98	98	98	98	48.7	\$36.03	\$214.29	168
Authority / Flexstar + Fusion + COC + 28%N	5.3 oz / 1 + 10 oz + 1% + 2.5%	98	98	98	98	47.3	\$51.07	\$192.05	146
Valor + Roundup Ultra + AMS	2.5 oz / 2 pt + 2 lb	98	98	98	98	49.3		\$253.40	
Valor / First Rate + Select + COC + 28%N	2.5 oz / 0.3 oz + 6 oz + 1% + 4	95	80	95	98	45.4		\$233.36	
Domain / Pursuit + Flexstar + COC + 28%N	13 oz / 2 oz + 12 oz + 0.625% + 1.25%	98	98	98	98	43.7	\$38.91	\$185.71	139
Boundary / Flexstar + Fusion + MSO + AMS	1.5 / 12 oz + 6 oz + 1% + 2 lb	98	97	98	98	45.2	\$42.52	\$189.81	144
Boundary / First Rate + Select + MSO + AMS	1.5 / 0.3 oz + 6 oz + 1% + 2 lb	97	94	94	98	46.8	\$44.24	\$196.31	150
<u>Postemergence (4-inch weeds / 4-inch regrowth)</u>									
Roundup Ultra / Roundup Ultra	1.5 + 2.5 lb / 1.5 + 2.5 lb	98	98	98	98	47.9	\$32.23	\$213.98	168
<u>Mechanical Treatments</u>									
1X Rotary Hoe / 2 X Cult		89	91	96	98	46.9	\$20.00	\$221.07	175
1X Rotary Hoe / 2 X Cult		88	86	95	98	41.5	\$20.00	\$193.31	147
<u>Postemergence (4-inch weeds)</u>									
Flexstar + Fusion + COC + 28%N	1 + 10 oz + 1% + 2.5%	98	83	98	98	42.0	\$30.61	\$185.27	139
First Rate + Glyphomax	0.3 oz + 1.5	98	98	98	98	48.0	\$26.40	\$220.32	174
Extreme + NIS + AMS	3 + 0.125% + 2.5 lb	98	97	98	98	44.6	\$20.34	\$208.90	163
Frontier + Roundup Ultra + AMS	20 oz + 1.5 + 2.5 lb	98	98	98	98	46.5	\$32.67	\$206.34	160
Roundup Ultra + AMS	2 + 2.5 lb	98	98	98	98	47.7	\$21.72	\$223.46	177
Touchdown 5 + AMS	1.6 + 2.5 lb	97	95	97	98	44.5	\$20.70	\$208.03	162
Rezult + Flexstar + COC + 28%	3.2 + 12 oz + 1 + 2	97	85	98	98	41.9	\$30.95	\$184.42	138
Pursuit + COC + 28%	4 oz + 1.25% + 1.25%	98	94	97	98	46.1	\$21.90	\$215.05	169
<u>Postemergence (4-inch weeds) + cultivation</u>									
Rezult + Flexstar + COC + 28%	3.2 + 12 oz + 1 + 2	98	97	98	98	48.3	\$35.95	\$212.31	166
Pursuit + COC + 28%	4 oz + 1.25% + 1.25%	97	93	98	97	47.2	\$26.90	\$215.71	169
	LSD(0.10)	2	5	2	1	2.6			