

2000 Soybean Herbicide Evaluation - Waseca

Herbicide	Rate	Gift	Corw	Vele	Colq	Rrpw	Yield	Cost	Net Returns	Returns over Weedy Check
PPI 2X	(pt/A)	-----(% control)-----					(bu/A)	(\$/A)	(\$/A)	(\$/A)
Pursuit Plus	2.5	93	23	99	99	99	19.5	\$12.49	\$87.80	47
Treflan + First Rate	1.5 + 0.6 oz	63	65	92	99	91	29.7	\$28.69	\$124.12	84
<u>PPI 2X / Postemergence (4-inch weeds)</u>										
Treflan / Pursuit + COC + 28%	1.5 / 2 oz + 1.25% + 1.25%	97	41	96	96	99	33.3	\$27.91	\$143.24	103
Treflan / Pursuit + COC + 28%	1.5 / 4 oz + 1.25% + 1.25%	99	60	99	96	96	36.2	\$35.20	\$150.73	110
Treflan / Galaxy + 28%	1.5 / 2 + 2.5%	50	77	99	99	93	30.1	\$36.39	\$118.08	78
Command / Pursuit + COC + 28%	1.5 / 2 oz + 1.25% + 1.25%	99	50	97	99	92	33.0	\$38.63	\$131.02	91
Pursuit Plus / Roundup Ultra + AMS	2.5 / 1.5 + 2.5lb	97	96	96	99	86	53.9	\$40.28	\$236.53	196
Treflan / Roundup Ultra + AMS	1.5 / 1.5	99	98	99	99	82	54.8	\$32.67	\$249.17	209
Pursuit Plus / Rezult + Ultra Blazer + COC + 28%N	1.75 / 3.2 + 12 oz + 1 + 2	97	94	99	85	99	41.5	\$35.92	\$177.47	137
Weedy Check		0	0	0	0	0	7.9		\$40.35	0
<u>PPI 2X / Postemergence (4-inch weeds) + cultivation</u>										
Treflan / Pursuit + COC + 28%	1.5 / 2 oz + 1.25% + 1.25%	99	61	95	99	99	36.1	\$32.91	\$152.72	112
Treflan / Pursuit + COC + 28%	1.5 / 4 oz + 1.25% + 1.25%	99	82	99	99	99	45.3	\$40.20	\$192.54	152
Treflan / Galaxy+ 28% N	1.5 / 2 + 2.5%	81	93	99	92	99	42.0	\$42.64	\$173.48	133
Hand-weeded	-	100	100	100	100	100	53.4		\$274.48	234
<u>Preemergence</u>										
Command + Spartan	2+12 oz	84	15	99	99	99	17.3		\$89.15	
Command + First Rate	2+0.6 oz	74	58	99	96	99	30.8	\$36.65	\$121.76	81
<u>Preemergence / Postemergence (4-inch weeds)</u>										
Command / Roundup Ultra+ AMS	2 / 1.5 + 2.5 lb	99	98	99	99	97	53.2	\$40.35	\$233.28	193
Domain / Roundup Ultra + AMS	13 oz / 1.5 + 2.5 lb	99	98	99	99	93	53.6	\$35.47	\$239.85	200
Boundary / Roundup Ultra + AMS	1.5 / 1.5 + 2.5 lb	98	99	99	99	99	56.9	\$35.82	\$256.47	216
Frontier / Roundup Ultra + AMS	1.5 / 1.5 + 2.5 lb	99	98	99	99	99	54.3	\$40.33	\$239.02	199
Authority / Roundup Ultra + AMS	4 oz / 1.5 + 2.5 lb	98	97	99	99	99	50.0	\$36.03	\$221.09	181
Authority / Flexstar + Fusion + COC + 28%N	5.3 oz / 1 + 10 oz + 1% + 2.5%	96	98	99	99	99	50.2	\$51.07	\$206.83	166
Valor + Roundup Ultra + AMS	2.5 oz / 2 pt + 2 lb	98	99	99	99	99	51.9		\$266.92	
Valor / First Rate + Select + COC + 28%N	2.5 oz / 0.3 oz + 6 oz + 1% + 4	98	96	99	64	94	51.8		\$266.02	
Domain / Pursuit + Flexstar + COC + 28%N	13 oz / 2 oz + 12 oz + 0.625% + 1.25%	90	98	99	96	99	48.8	\$38.91	\$211.73	171
Boundary / Flexstar + Fusion + MSO + AMS	1.5 / 12 oz + 6 oz + 1% + 2 lb	99	99	99	99	99	50.7	\$42.52	\$217.86	178
Boundary / First Rate + Select + MSO + AMS	1.5 / 0.3 oz + 6 oz + 1% + 2 lb	99	87	99	84	66	51.3	\$44.24	\$219.35	179
<u>Postemergence (4-inch weeds / 4-inch regrowth)</u>										
Roundup Ultra / Roundup Ultra	1.5 + 2.5 lb / 1.5 + 2.5 lb	99	99	99	99	99	51.2	\$32.23	\$230.76	190
<u>Mechanical Treatments</u>										
2X Rotary Hoe / 2X cultivation		59	26	61	68	68	20.4	\$20.00	\$85.04	45
1X Spring Tooth harrow / 1X Rotary Hoe / 2 X Cult		54	48	61	69	69	25.8	\$20.00	\$112.86	73
<u>Postemergence (4-inch weeds)</u>										
Flexstar + Fusion + COC + 28%N	1 + 10 oz + 1% + 2.5%	96	93	99	49	99	46.0	\$30.61	\$206.02	166
First Rate + Glyphomax	0.3 oz + 1.5	98	92	97	89	99	50.9	\$26.40	\$235.05	195
Extreme + NIS + AMS	3 + 0.125% + 2.5 lb	99	92	99	99	99	50.8	\$20.34	\$240.72	200
Frontier + Roundup Ultra + AMS	20 oz + 1.5 + 2.5 lb	99	86	99	99	99	49.5	\$32.67	\$221.76	181
Roundup Ultra + AMS	2 + 2.5 lb	99	99	99	99	99	50.6	\$21.72	\$238.31	198
Touchdown 5 + AMS	1.6 + 2.5 lb	99	96	99	99	99	50.6	\$20.70	\$239.17	199
Rezult + Flexstar + COC + 28%	3.2 + 12 oz + 1 + 2	96	95	99	45	99	43.6	\$30.95	\$193.23	153
Pursuit + COC + 28%	4 oz + 1.25% + 1.25%	98	51	99	98	99	24.3	\$21.90	\$102.78	62
<u>Postemergence (4-inch weeds) + cultivation</u>										
Rezult + Flexstar + COC + 28%	3.2 + 12 oz + 1 + 2	98	98	99	93	99	45.0	\$35.95	\$195.36	155
Pursuit + COC + 28%	4 oz + 1.25% + 1.25%	98	74	99	99	99	36.3	\$26.90	\$159.57	119
	LSD(0.10)	9	11	4	9	10	7.3			