

## 1998-2000 Soybean Herbicide Evaluation - Waseca

Herbicide	Rate	Year-Treatment										Standard					
		98	99	2000	gift	corw	colq	rrpw	vele	yield	cost	Price	returns	Sdev	Error		
<u>PPI 2X</u>	(pt/A)																
1 Pursuit Plus	2.5	1	1	1	91	52	99	99	99	40.4	20.91	5.14	186.72	89.21	25.75		
2 Treflan + First Rate	1.5 + 0.6 oz	2	2	2	75	77	99	96	97	42.7	28.96	5.14	190.74	59.75	17.25		
<u>PPI 2X / Postemergence (4-inch weeds)</u>																	
3 Treflan / Pursuit + COC + 28%	1.5 / 2 oz + 1.25% + 1.25%	3	3	3	98	70	98	99	98	45.1	27.91	5.14	203.81	53.29	15.38		
4 Treflan / Pursuit + COC + 28%	1.5 / 4 oz + 1.25% + 1.25%	4	4	4	99	81	98	98	99	47.2	35.2	5.14	207.62	52.23	15.08		
5 Treflan / Galaxy + 28%	1.5 / 2 + 2.5%	5	5	5	62	86	99	97	99	36.6	36.39	5.14	151.95	54.83	15.83		
7 Command / Pursuit + COC + 28%	1.5 / 2 oz + 1.25% + 1.25%	7	7	6	99	77	98	97	98	46.9	38.63	5.14	202.27	55.70	16.08		
8 Pursuit Plus / Roundup Ultra + AMS	2.5 / 1.5 + 2.5lb	8	8	7	98	98	99	95	98	55.5	40.276	5.14	245.00	22.57	6.51		
9 Treflan / Roundup Ultra	1.5 / 1.5	9	9	8	99	99	99	93	96	54.7	32.665	5.14	248.38	18.03	5.20		
14 Weedy Check	-	14	14	10	0	0	0	0	0	10.5	0	5.14	53.76	22.74	6.56		
<u>PPI 2X / Postemergence (4-inch weeds) + cultivation</u>																	
15 Treflan / Pursuit + COC + 28%	1.5 / 2 oz + 1.25% + 1.25%	15	15	11	99	85	98	99	98	49.2	32.913	5.14	219.74	55.84	16.12		
16 Treflan / Pursuit + COC + 28%	1.5 / 4 oz + 1.25% + 1.25%	16	16	12	99	92	99	99	99	51.9	40.2	5.14	226.79	39.40	11.37		
17 Treflan / Galaxy+ 28% N	1.5 / 2 + 2.5%	17	17	13	85	94	97	98	99	47.1	42.64	5.14	199.66	24.95	7.20		
18 Hand-weeded	-	18	18	14	100	100	100	100	100	55.5	0	5.14	285.23	20.84	6.02		
<u>Preemergence / Postemergence (4-inch weeds)</u>																	
21 Command / Roundup Ultra+ AMS	2 / 1.5 + 2.5 lb	22	21	17	99	98	99	96	99	54.9	40.348	5.14	241.68	23.17	6.69		
23 USA 1999 / Roundup Ultra + AMS	10.7 oz / 1.5 + 2.5 lb	24	23	18	99	96	98	94	96	54.8	35.469	5.14	246.27	19.37	5.59		
<u>Postemergence (4-inch weeds)</u>																	
32 Roundup Ultra	2 + 2.5 lb	34	32	35	99	94	99	94	97	53.2	21.72	5.14	251.54	20.78	6.00		
<u>Postemergence (4-inch weeds / 4-inch regrowth)</u>																	
33 Roundup Ultra / Roundup Ultra	1.5 + 2.5 lb / 1.5 + 2.5 lb	35	33	28	99	99	99	99	99	53.8	32.23	5.14	244.33	21.33	6.16		
<u>Postemergence (4-inch weeds)</u>																	
37 Rezult + Flexstar + COC + 28%	3.6 + 12 oz + 1 + 2	39	37	37	95	98	79	98	99	49.9	30.952	5.14	225.60	34.24	9.88		
38 Pursuit + COC + 28%	4 oz + 1.25% + 1.25%	40	38	38	98	76	95	99	98	44.4	21.898	5.14	206.07	84.23	24.31		
<u>Postemergence (4-inch weeds) + cultivation</u>																	
39 Rezult + Flexstar + COC + 28%	3.6 + 12 oz + 1 + 2	41	39	39	98	99	97	99	99	50.6	35.952	5.14	224.35	32.31	9.33		
40 Pursuit + COC + 28%	4 oz + 1.25% + 1.25%	42	40	40	99	89	98	99	99	48.1	26.898	5.14	220.25	52.88	15.26		
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	LSD(0.10)				4	6	3	4	2	3.2			16.49				