

2001 Soybean Herbicide Evaluation
Morris

Herbicide	Rate (pt/A)	Weed Species*				Yield (bu/A)	Cost (\$/A)	Returns (\$/A)
		Gift	Rrpw	Colq	Wimu			
<u>PPI 2X / Postemergence (4-inch weeds)</u>								
Prowl / Raptor + Ultra Blazer + NIS + AMS	2.5 / 4 + 12oz + 0.25% + 17 lb/100gal	91	100	96	100	48.5	\$41.62	208
Prowl / Extreme + NIS + AMS	2.5 / 3 + 0.25% + 17 lb/100gal	100	100	100	100	47.8	\$39.94	206
Authority + Treflan / Flexstar + COC + AMS	4.5 oz + 1.5 / 12 oz + 1% + 2.5 lb	72	93	95	97	39.5	\$39.75	163
<u>Pre / Postemergence (4-inch weeds)</u>								
Python / FirstRate + Select + Cobra + COC + AMS	1 oz / 0.3 oz + 6 oz + 6 oz + 1 + 2.5 lb	94	100	100	100	47.3	\$57.97	185
Guantlet / Fusion + COC + AMS	5.9 oz / 10 oz + 1 + 2.5 lb	96	100	100	100	47.2	\$39.35	203
Valor / FirstRate + Select + COC + AMS	2.5 oz / 0.3 oz + 6 oz + 1% + 2.5 lb	92	78	79	100	46.5	\$40.15	199
Boundary / Flexstar + Fusion + COC + AMS	1.25 / 16 oz + 10 oz + 1% + 2.5 lb	100	100	100	100	49.7	\$46.12	209
Authority / Flexstar + Assure II + COC + AMS	4.5 oz / 16 oz + 9 oz + 1% + 2.5 lb	91	100	100	85	47.3	\$45.00	198
<u>Pre / Postemergence (6-inch weeds)</u>								
Python / Glyphomax Plus + AMS	1 oz / 2 + 2.5 lb	100	100	100	100	47.9	\$50.54	196
Guantlet / Glyphomax Plus + AMS	5.9 oz / 1.5 + 2.5 lb	100	100	100	100	45.5	\$41.46	192
Command Extra / Roundup Ultra Max + AMS	22 oz / 13 oz + 2.5 lb	100	98	100	100	47.8	\$34.74	211
Valor / Roundup Ultra Max + AMS	2 oz / 26 oz + 2.5 lb	100	100	100	100	46.4	\$36.30	202
Boundary / Touchdown IQ + AMS	1.25 / 2 + 2.5 lb	100	100	100	100	45.9	\$38.18	198
Lasso / Roundup Ultra Max + AMS	2 / 26 oz + 2.5 lb	100	100	100	100	49.6	\$37.90	217
Domain / Roundup Ultra Max + AMS	10 oz / 19 oz + 2.5 lb	100	100	100	100	51.5	\$31.83	233
Authority / Roundup Ultra Max + AMS	4 oz / 26 oz + 2.5 lb	100	100	99	98	49.6	\$37.53	218
<u>Postemergence (4-inch weeds) / Postemergence (canopy)</u>								
Roundup Ultra Max + AMS / Roundup Ultra Max + AMS	26 oz + 2.5 lb / 26 oz + 2.5 lb	94	99	99	100	48.9	\$36.90	214
<u>Postemergence (4-inch weeds)</u>								
Flexstar + Fusion + Harmony GT + COC + AMS	16 oz + 10 oz + 0.04 oz + 1% + 2.5 lb	88	98	91	100	47.1	\$29.87	212
Raptor + Ultra Blazer + NIS + AMS	4 oz + 12 oz + 0.25% + 17 lb/100 gal	59	100	98	100	44.0	\$28.24	198
<u>Postemergence (6-inch weeds)</u>								
Glyphomax Plus + FirstRate + AMS	2 + 0.3 oz + 2.5 lb	100	100	100	100	48.6	\$29.25	220
Touchdown IQ + AMS	2 + 2.5 lb	100	100	100	100	50.9	\$21.46	240
Roundup Ultra Max + AMS	26 oz + 2.5 lb	100	100	100	100	53.2	\$21.70	252
<u>Checks</u>								
Weedy	-	0	0	0	0	27.8	\$0.00	143
Weed-Free	-	100	100	100	100	47.7	\$0.00	245
LSD(0.10)		8	8	5	7	4.5		23

* Weed Species
 Gift = Giant Foxtail
 Rrpw = Redroot Pigweed
 Colq = Common Lambsquarters
 Wimu = Wild Mustard