

2001 Soybean Herbicide Evaluation
Combined across Locations

Herbicide	Rate (pt/A)	Weed Species *										Yield (bu/A)	Cost (\$/A)	Returns (\$/A)
		Gift (2)	Yeft (1)	Wipm (1)	Corw (2)	Cocb (1)	Vele (3)	Colq (5)	Rrpw (2)	Tawh (1)	Wimu (1)			
<u>PPI 2X / Postemergence (4-inch weeds)</u>		-----(% control)-----												
Prowl / Raptor + Ultra Blazer + NIS + AMS	2.5 / 4 + 12oz + 0.25% + 17 lb/100gal	93	94	76	34	51	87	92	100	60	100	35.8	\$41.62	143
Prowl / Extreme + NIS + AMS	2.5 / 3 + 0.25% + 17 lb/100gal	99	99	88	92	88	97	97	100	58	100	42.3	\$39.94	177
Authority + Treflan / Flexstar + COC + AMS	4.5 oz + 1.5 / 12 oz + 1% + 2.5 lb	62	90	72	62	28	96	96	96	73	97	35.1	\$39.75	141
<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	85	97	83	97	97	98	93	100	40	100	39.5	\$57.97	145
Guantlet / Fusion + COC + AMS	5.9 oz / 10 oz + 1 + 2.5 lb	98	98	86	66	43	99	98	98	84	100	40.1	\$39.35	167
Valor / FirstRate + Select + COC + AMS	2.5 oz / 0.3 oz + 6 oz + 1% + 2.5 lb	92	99	83	75	87	97	67	81	6	100	37.1	\$40.15	150
Boundary / Flexstar + Fusion + COC + AMS	1.25 / 16 oz + 10 oz + 1% + 2.5 lb	99	98	73	99	89	98	97	100	65	100	43.4	\$46.12	177
Authority / Flexstar + Assure II + COC + AMS	4.5 oz / 16 oz + 9 oz + 1% + 2.5 lb	95	98	76	63	55	95	98	100	88	85	40.2	\$45.00	162
<u>Pre / Postemergence (6-inch weeds)</u>														
Python / Glyphomax Plus + AMS	1 oz / 2 + 2.5 lb	99	99	99	96	98	99	99	100	91	100	44.5	\$50.54	178
Guantlet / Glyphomax Plus + AMS	5.9 oz / 1.5 + 2.5 lb	99	100	99	97	99	99	99	100	97	100	43.7	\$41.46	183
Command Extra / Roundup Ultra Max + AMS	22 oz / 13 oz + 2.5 lb	99	99	99	88	99	99	97	99	94	100	43.6	\$34.74	189
Valor / Roundup Ultra Max + AMS	2 oz / 26 oz + 2.5 lb	99	99	95	98	98	98	99	100	98	100	44.7	\$36.30	194
Boundary / Touchdown IQ + AMS	1.25 / 2 + 2.5 lb	99	99	99	97	98	99	99	100	97	100	44.1	\$38.18	188
Lasso / Roundup Ultra Max + AMS	2 / 26 oz + 2.5 lb	99	99	99	91	98	99	98	100	96	100	43.6	\$37.90	186
Domain / Roundup Ultra Max + AMS	10 oz / 19 oz + 2.5 lb	99	99	99	96	98	99	99	100	97	100	45.0	\$31.83	199
Authority / Roundup Ultra Max + AMS	4 oz / 26 oz + 2.5 lb	99	100	99	94	96	98	99	100	97	98	45.0	\$37.53	194
<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	97	98		99	99	97	98	99	96	100	43.9	\$36.90	189
<u>Postemergence (4-inch weeds)</u>														
Flexstar + Fusion + Harmony GT + COC + AMS	16 oz + 10 oz + 0.04 oz + 1% + 2.5 lb	95	93	90	45	41	87	70	98	61	100	37.3	\$29.87	162
Raptor + Ultra Blazer + NIS + AMS	4 oz + 12 oz + 0.25% + 17 lb/100 gal	60	84	54	22	43	79	80	100	31	100	31.6	\$28.24	134
<u>Postemergence (4-inch weeds)</u>														
Glyphomax Plus + FirstRate + AMS	2 + 0.3 oz + 2.5 lb	99	99	99	94	97	97	96	100	94	100	43.6	\$29.25	195
Touchdown IQ + AMS	2 + 2.5 lb	99	99	99	89	99	98	97	100	94	100	43.8	\$21.46	204
Roundup Ultra Max + AMS	26 oz + 2.5 lb	99	98	99	92	99	99	98	100	90	100	43.8	\$21.70	203
<u>Checks</u>														
Weedy	-	0	0	0	0	0	0	0	0	0	0	16.2	\$0.00	83
Weed-Free	-	100	100	100	100	100	100	100	100	100	100	43.6	\$0.00	224
LSD(0.10)		6	2	11	11	17	6	4	5	14	7	2.2		11

* Weed Species

- Gift = Giant Foxtail
- Yeft = Yellow Foxtail
- Wipm = Wild Proso Millet
- Corw = Common Ragweed
- Cocb = Common Cocklebur
- Vele = Velvetleaf
- Colq = Common Lambsquarters
- Rrpw = Redroot Pigweed
- Tawh = Tall Waterhemp
- Wimu = Wild Mustard

Number in parentheses indicates number of locations species is present