

2001 Soybean Herbicide Evaluation - Waseca
Common Cocklebur Site

Herbicide	Rate (pt/A)	Weed Species*				Yield (bu/A)	Cost (\$/A)	Returns (\$/A)
		Gift	Cocb	Corw	Vele			
<u>PPI 2X / Postemergence (4-inch weeds)</u>								
Prowl / Raptor + Ultra Blazer + NIS + AMS	2.5 / 4 + 12oz + 0.25% + 17 lb/100gal	99	51	0	99	12.4	\$41.62	22
Prowl / Extreme + NIS + AMS	2.5 / 3 + 0.25% + 17 lb/100gal	99	88	86	99	38.6	\$39.94	158
Authority + Treflan / Flexstar + COC + AMS	4.5 oz + 1.5 / 12 oz + 1% + 2.5 lb	63	28	33	99	15.6	\$39.75	40
<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	71	97	94	99	36.9	\$57.97	132
Guantlet / Fusion + COC + AMS	5.9 oz / 10 oz + 1 + 2.5 lb	99	43	41	99	21.5	\$39.35	71
Valor / FirstRate + Select + COC + AMS	2.5 oz / 0.3 oz + 6 oz + 1% + 2.5 lb	92	87	53	99	33.7	\$40.15	133
Boundary / Flexstar + Fusion + COC + AMS	1.25 / 16 oz + 10 oz + 1% + 2.5 lb	98	89	99	99	43.5	\$46.12	177
Authority / Flexstar + Assure II + COC + AMS	4.5 oz / 16 oz + 9 oz + 1% + 2.5 lb	97	55	30	99	22.9	\$45.00	73
<u>Pre / Postemergence (6-inch weeds)</u>								
Python / Glyphomax Plus + AMS	1 oz / 2 + 2.5 lb	98	98	93	99	40.1	\$50.54	156
Guantlet / Glyphomax Plus + AMS	5.9 oz / 1.5 + 2.5 lb	99	99	95	99	42.8	\$41.46	179
Command Extra / Roundup Ultra Max + AMS	22 oz / 13 oz + 2.5 lb	99	99	80	99	38.0	\$34.74	161
Valor / Roundup Ultra Max + AMS	2 oz / 26 oz + 2.5 lb	99	98	96	99	40.3	\$36.30	171
Boundary / Touchdown IQ + AMS	1.25 / 2 + 2.5 lb	99	98	95	99	41.3	\$38.18	174
Lasso / Roundup Ultra Max + AMS	2 / 26 oz + 2.5 lb	99	98	84	99	40.7	\$37.90	171
Domain / Roundup Ultra Max + AMS	10 oz / 19 oz + 2.5 lb	99	98	94	99	40.3	\$31.83	175
Authority / Roundup Ultra Max + AMS	4 oz / 26 oz + 2.5 lb	99	96	90	96	40.9	\$37.53	173
<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	99	99	99	99	39.2	\$36.90	165
<u>Postemergence (4-inch weeds)</u>								
Flexstar + Fusion + Harmony GT + COC + AMS	16 oz + 10 oz + 0.04 oz + 1% + 2.5 lb	99	41	6	99	19.1	\$29.87	68
Raptor + Ultra Blazer + NIS + AMS	4 oz + 12 oz + 0.25% + 17 lb/100 gal	63	43	14	74	11.6	\$28.24	31
<u>Postemergence (6-inch weeds)</u>								
Glyphomax Plus + FirstRate + AMS	2 + 0.3 oz + 2.5 lb	99	97	89	94	38.0	\$29.25	166
Touchdown IQ + AMS	2 + 2.5 lb	99	99	80	97	36.8	\$21.46	168
Roundup Ultra Max + AMS	26 oz + 2.5 lb	99	99	86	99	38.0	\$21.70	174
<u>Checks</u>								
Weedy	-	0	0	0	0	5.7	\$0.00	29
Weed-Free	-	100	100	100	100	42.5	\$0.00	218
LSD(0.10)		12	17	18	12	6.6		34

* Weed Species
 Gift = Giant Foxtail
 Cocb = Common Cocklebur
 Corw = Common Ragweed
 Vele = Velvetleaf