

2001 Soybean Herbicide Evaluation - Waseca
Tall Waterhemp Site

Herbicide	Rate	Weed Species*		Yield	Cost	Returns
		Tawh	Colq			
<u>PPI 2X / Postemergence (4-inch weeds)</u>	(pt/A)	-(% control)-		(bu/A)	(\$/A)	(\$/A)
Prowl / Raptor + Ultra Blazer + NIS + AMS	2.5 / 4 + 12oz + 0.25% + 17 lb/100gal	60	85	35.6	\$41.62	141
Prowl / Extreme + NIS + AMS	2.5 / 3 + 0.25% + 17 lb/100gal	58	98	35.5	\$39.94	143
Authority + Treflan / Flexstar + COC + AMS	4.5 oz + 1.5 / 12 oz + 1% + 2.5 lb	73	98	39.3	\$39.75	162
<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	40	98	30.6	\$57.97	99
Guantlet / Fusion + COC + AMS	5.9 oz / 10 oz + 1 + 2.5 lb	84	98	39.2	\$39.35	162
Valor / FirstRate + Select + COC + AMS	2.5 oz / 0.3 oz + 6 oz + 1% + 2.5 lb	6	25	17.9	\$40.15	52
Boundary / Flexstar + Fusion + COC + AMS	1.25 / 16 oz + 10 oz + 1% + 2.5 lb	65	99	36.6	\$46.12	142
Authority / Flexstar + Assure II + COC + AMS	4.5 oz / 16 oz + 9 oz + 1% + 2.5 lb	88	99	40.6	\$45.00	164
<u>Pre / Postemergence (6-inch weeds)</u>						
Python / Glyphomax Plus + AMS	1 oz / 2 + 2.5 lb	91	98	44.0	\$50.54	176
Guantlet / Glyphomax Plus + AMS	5.9 oz / 1.5 + 2.5 lb	97	99	41.7	\$41.46	173
Command Extra / Roundup Ultra Max + AMS	22 oz / 13 oz + 2.5 lb	94	92	38.5	\$34.74	163
Valor / Roundup Ultra Max + AMS	2 oz / 26 oz + 2.5 lb	98	99	45.4	\$36.30	197
Boundary / Touchdown IQ + AMS	1.25 / 2 + 2.5 lb	97	99	43.8	\$38.18	187
Lasso / Roundup Ultra Max + AMS	2 / 26 oz + 2.5 lb	96	96	42.7	\$37.90	182
Domain / Roundup Ultra Max + AMS	10 oz / 19 oz + 2.5 lb	97	99	45.5	\$31.83	202
Authority / Roundup Ultra Max + AMS	4 oz / 26 oz + 2.5 lb	97	99	42.9	\$37.53	183
<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	96	99	44.0	\$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	61	47	28.7	\$29.87	118
Raptor + Ultra Blazer + NIS + AMS	4 oz + 12 oz + 0.25% + 17 lb/100 gal	31	69	25.6	\$28.24	103
<u>Postemergence (6-inch weeds)</u>						
Glyphomax Plus + FirstRate + AMS	2 + 0.3 oz + 2.5 lb	94	93	42.5	\$29.25	189
Touchdown IQ + AMS	2 + 2.5 lb	94	96	42.8	\$21.46	199
Roundup Ultra Max + AMS	26 oz + 2.5 lb	90	99	43.3	\$21.70	201
<u>Checks</u>						
Weedy	-	0	0	14.2	\$0.00	73
Weed-Free	-	100	100	41.9	\$0.00	215
	LSD(0.10)	14	17	5.0		25

* Weed Species

Tawh = Tall Waterhemp

Colq = Common Lambsquarters