

## 2007 Soybean Herbicide Evaluation - Waseca

Tall waterhemp site

Herbicide	Rate	Giant	Common	Tall		Yield	Cost	Returns
		foxtail	lambsquarters	Velvetleaf	waterhemp			
	(pt/A)	-----(% control)-----			(bu/A)	----(\$/A)----		
<u>Preplant incorporated/ POST I (4-inch weeds)</u>								
1 Prowl H2O / Extreme + NIS + AMS	43 oz / 3 pt + 0.25% + 3 q	99	96	86	90	37.4	51.36	313
<u>Preemergence/ POST I (4-inch weeds)</u>								
2 Boundary / Flexstar + Fusion + Harmony GT + MSO + 28%	1.5 / 16 oz + 8 oz + 0.125 oz + 1% + 2.5%	96	51	54	98	34.4	56.77	279
3 Weedy Check	-	0	0	0	0	1.1	0.00	11
4 Weed Free	-	100	100	100	100	41.8	0.00	407
<u>Preemergence/ POST II (6-inch weeds)</u>								
5 Authority First / Roundup Original Max + AMS	3.2 oz / 22 oz + 3 q	99	94	99	91	44.1	44.80	385
6 Authority First / Roundup Original Max + AMS	4 oz / 22 oz + 3 q	99	97	98	99	42.6	47.82	368
7 IntRRo / Roundup Weather Max + AMS	4 / 22 oz + 3 qt	98	93	84	98	41.3	45.24	357
8 Gangster / Roundup Original Max + AMS	1.8 oz / 22 oz + 3 q	99	99	99	86	41.0	43.65	356
9 Prefix / Touchdown Total + AMS	2 / 24 oz + 3 qt	99	71	99	93	34.9	44.19	296
10 Valor SX / Roundup Original Max + AMS	2 oz / 22 oz + 3 q	98	95	97	93	41.5	41.81	363
11 Valor SX + Python / Roundup Original Max + AMS	1.5 oz + 0.8 oz / 22 oz + 3 q	96	99	99	94	42.2	44.16	367
12 Valor SX + Sencor / Roundup Original Max + AMS	1.75 oz + 4 oz / 22 oz + 3 q	97	91	87	89	42.3	44.25	368
13 Sonic / Durango + AMS	3 oz / 24 oz + 3 q	99	87	99	96	44.7	42.42	393
14 FirstRate / Durango + AMS	0.3 oz / 24 oz + 3 q	98	86	99	76	40.9	39.57	359
15 Enlite / Roundup Original Max + AMS	2.83 oz / 22 oz + 3 q	99	96	99	96	42.6	43.70	372
<u>POST I (4-inch weeds)/POST III(Canopy)</u>								
16 Roundup Weather Max + AMS	22 oz + 3 qt /	99	98	99	99	45.5	45.21	399
Roundup Weather Max + AMS	22 oz + 3 qt							
17 Durango DMA + AMS /	24 oz + 3 qt /	99	90	99	99	42.4	40.82	373
Durango DMA + AMS	24 oz + 3 qt							
18 Touchdown Total + AMS /	24 oz + 3 qt /	99	99	99	99	43.2	43.43	378
Touchdown Total + AMS	24 oz + 3 qt							
19 Flexstar + COC	16 oz + 1% /	99	92	99	99	39.9	48.18	341
Touchdown Total + AMS	24 oz + 3 qt							
<u>POST II (6-inch weeds)</u>								
20 FirstRate + Durango + AMS	0.3 oz / 24 oz + 3 q	99	85	99	66	43.7	32.57	393
21 Harmony GT + Roundup Original Max + NIS + AMS	0.5 oz + 22 oz + 0.25% + 3 q	93	95	92	74	39.0	31.73	349
22 Harmony GT + Classic + Roundup Original Max + AMS	0.5 oz + 0.33 oz + 22 oz + 0.25% + 3 q	96	96	97	48	41.0	35.98	364
23 Resource + Roundup Original Max + NIS + AMS	2 oz + 22 oz + 0.25% + 3 q	96	28	86	90	19.3	29.35	159
24 Roundup WeatherMax+AMS	22 oz + 3 qt	98	61	87	71	42.6	27.61	388
	LSD(0.10)	4	15	15	14	5.9		57