

2007 Soybean Herbicide Evaluation - Waseca

Common cocklebur site

Herbicide	Rate	Giant foxtail	Common lambsquarters	Common ragweec	Common cocklebur	Yield (bu/A)	Cost ----(\$/A)----	Returns
<u>Preplant incorporated/ POST I (4-inch weeds)</u>		-----(% control)-----						
	(pt/A)							
1 Prowl H2O / Extreme + NIS + AMS	43 oz / 3 pt + 0.25% + 3 q	99	99	87	69	30.4	51.36	245
<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%	83	98	98	73	27.4	56.77	210
3 Weedy Check	-	0	0	0	0	1.3	0.00	13
4 Weed Free	-	100	100	100	100	32.7	0.00	319
<u>Preemergence/ POST II (6-inch weeds)</u>								
5 Authority First / Roundup Original Max + AMS	3.2 oz / 22 oz + 3 qt	92	94	91	66	29.4	44.80	242
6 Authority First / Roundup Original Max + AMS	4 oz / 22 oz + 3 qt	90	99	94	76	33.0	47.82	274
7 IntRRo / Roundup Weather Max + AMS	4 / 22 oz + 3 qt	92	95	91	63	27.5	45.24	223
8 Gangster / Roundup Original Max + AMS	1.8 oz / 22 oz + 3 qt	84	99	97	85	31.3	43.65	262
9 Prefix / Touchdown Total + AMS	2 / 24 oz + 3 qt	93	81	99	73	30.1	44.19	249
10 Valor SX / Roundup Original Max + AMS	2 oz / 22 oz + 3 qt	86	93	93	78	30.9	41.81	260
11 Valor SX + Python / Roundup Original Max + AMS	1.5 oz + 0.8 oz / 22 oz + 3 qt	83	99	97	81	28.3	44.16	231
12 Valor SX + Sencor / Roundup Original Max + AMS	1.75 oz + 4 oz / 22 oz + 3 qt	84	93	91	69	27.2	44.25	220
13 Sonic / Durango + AMS	3 oz / 24 oz + 3 qt	90	80	99	73	30.5	42.42	255
14 FirstRate / Durango + AMS	0.3 oz / 24 oz + 3 qt	86	92	95	80	29.4	39.57	247
15 Enlite / Roundup Original Max + AMS	2.83 oz / 22 oz + 3 qt	88	99	90	80	29.6	43.70	244
<u>POST I (4-inch weeds)/POST III(Canopy)</u>								
16 Roundup Weather Max + AMS	22 oz + 3 qt /	99	97	99	99	34.6	45.21	293
	Roundup Weather Max + AMS							
17 Durango DMA + AMS /	22 oz + 3 qt							
	Durango DMA + AMS	99	93	99	99	33.7	40.82	287
18 Touchdown Total + AMS /	24 oz + 3 qt /							
	Touchdown Total + AMS	99	98	99	99	30.4	43.43	253
19 Flexstar + COC	16 oz + 1% /	99	94	96	99	25.9	48.18	204
	Touchdown Total + AMS							
	24 oz + 3 qt							
<u>POST II (6-inch weeds)</u>								
20 FirstRate + Durango + AMS	0.3 oz / 24 oz + 3 qt	94	38	99	88	28.0	32.57	240
21 Harmony GT + Roundup Original Max + NIS + AMS	0.5 oz + 22 oz + 0.25% + 3 q	86	96	99	64	23.7	31.73	200
22 Harmony GT + Classic + Roundup Original Max + AMS	0.5 oz + 0.33 oz + 22 oz + 0.25% + 3 q	91	99	97	70	26.9	35.98	226
23 Resource + Roundup Original Max + NIS + AMS	2 oz + 22 oz + 0.25% + 3 q	81	41	88	74	17.2	29.35	138
24 Roundup WeatherMax+AMS	22 oz + 3 qt	88	73	89	60	22.5	27.61	191
	LSD(0.10)	4	8	7	9	3.5		34