

2007 Soybean Herbicide Evaluation

Rochester site

Herbicide	Rate	Giant foxtail	Common lambsquarters	Velvetleaf	Giant ragweed	Tall waterhemp	Yield (bu/A)	Cost ----(\$/A)-----	Returns
<u>Preplant incorporated/ POST I (4-inch weeds)</u>		-----(% control)-----					(bu/A)	----(\$/A)-----	
	(pt/A)								
1 Prowl H2O / Extreme + NIS + AMS	43 oz / 3 pt + 0.25% + 3 q	98	95	99	94	96	32.1	51.36	262
<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%	98	96	99	92	99	40.0	56.77	334
3 Weedy Check	-	0	0	0	0	0	3.2	0.00	31
4 Weed Free	-	100	100	100	100	100	39.7	0.00	387
<u>Preemergence/ POST II (6-inch weeds)</u>									
5 Authority First / Roundup Original Max + AMS	3.2 oz / 22 oz + 3 q	98	99	99	96	97	42.0	44.80	364
6 Authority First / Roundup Original Max + AMS	4 oz / 22 oz + 3 q	97	99	99	97	98	34.6	47.82	289
7 IntRRo / Roundup Weather Max + AMS	4 / 22 oz + 3 q	92	98	98	93	97	44.5	45.24	389
8 Gangster / Roundup Original Max + AMS	1.8 oz / 22 oz + 3 q	92	99	99	91	97	39.7	43.65	343
9 Prefix / Touchdown Total + AMS	2 / 24 oz + 3 q	96	88	88	88	92	39.0	44.19	337
10 Valor SX / Roundup Original Max + AMS	2 oz / 22 oz + 3 q	96	98	99	98	99	42.4	41.81	372
11 Valor SX + Python / Roundup Original Max + AMS	1.5 oz + 0.8 oz / 22 oz + 3 q	99	97	99	99	99	38.5	44.16	331
12 Valor SX + Sencor / Roundup Original Max + AMS	1.75 oz + 4 oz / 22 oz + 3 q	97	98	99	96	98	46.4	44.25	408
13 Sonic / Durango + AMS	3 oz / 24 oz + 3 q	93	98	99	96	98	39.6	42.42	343
14 FirstRate / Durango + AMS	0.3 oz / 24 oz + 3 q	94	99	99	95	98	41.3	39.57	363
15 Enlite / Roundup Original Max + AMS	2.83 oz / 22 oz + 3 q	95	99	99	95	98	33.9	43.70	287
<u>POST I (4-inch weeds)/POST III(Canopy)</u>									
16 Roundup Weather Max + AMS	22 oz + 3 qt /	94	93	99	95	94	31.4	45.21	261
	Roundup Weather Max + AMS								
17 Durango DMA + AMS /	22 oz + 3 qt /								
	Durango DMA + AMS	95	99	99	95	98	41.2	40.82	361
18 Touchdown Total + AMS /	24 oz + 3 qt /								
	Touchdown Total + AMS	99	99	97	97	99	34.4	43.43	292
19 Flexstar + COC	16 oz + 1% /	99	99	98	98	99	29.3	48.18	238
	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	99	99	99	99	35.6	32.57	315
21 Harmony GT + Roundup Original Max + NIS + AMS	0.5 oz + 22 oz + 0.25% + 3 q	99	99	98	97	99	24.9	31.73	211
22 Harmony GT + Classic + Roundup Original Max + AMS	0.5 oz + 0.33 oz + 22 oz + 0.25% + 3 q	97	91	99	97	91	31.2	35.98	268
23 Resource + Roundup Original Max + NIS + AMS	2 oz + 22 oz + 0.25% + 3 q	94	91	98	91	92	32.6	29.35	288
24 Roundup WeatherMax+AMS	22 oz + 3 qt	97	95	99	94	94	34.1	27.61	305
	LSD(0.10)	3	2	3	2	3	10.2		101