

2006 Soybean Herbicide Evaluation

Herbicide	Rate	Giant foxtail	Yellow foxtail	Common lambsquarters	Tall waterhemp	Redroot pigweed	Common ragweed	Giant ragweed	Velvetleaf	Yield	Cost	Returns	
Number of locations with weed species	(rate/A)	5	1	5	3	2	2	1	1	6	\$/A	6	
Preplant incorporated/ POST I (4-inch weeds)													
1	Prowl H2O / Raptor + First Rate + NIS + AMS	43 oz / 4 oz + 0.3 oz + 0.25% + 3 q	84	98	96	77	91	69	85	99	43.3	54.35	197
2	Pursuit Plus / First Rate + NIS + AMS	2.5 / 0.3 + 0.25% + 3 q	79	95	96	80	80	75	93	94	44.9	43.63	217
3	Prowl H2O / Extreme + NIS + AMS	43 oz / 3 pt + 0.125% + 3 q	92	97	98	87	87	41	67	99	40.9	54.73	182
Preemergence/ POST I (4-inch weeds)													
4	Weedy	-	0	0	0	0	0	0	0	0	13.6	0.00	79
5	Gangster / First Rate + Phoenix + SelectMax + NIS + AMS	3 oz / 0.3 oz + 8 oz + 9 oz + 0.25% + 3 q	91	95	75	93	99	97	95	98	46.5	58.81	211
6	Gangster / First Rate + Phoenix + V10139 + NIS + AMS	3 oz / 0.3 oz + 8 oz + 9 oz + 0.25% + 3 q	88	97	79	98	96	98	97	95	45.8	No Label	
7	Boundary / Flexstar + Fusion + Harmony GT + MSO + 28%	1.5 / 16 oz + 8 oz + 0.125 oz + 1% + 2.5%	93	93	95	98	99	86	89	92	43.0	57.79	191
Preemergence/ POST II (6-inch weeds)													
8	IntRRo / Roundup Weather Max + AMS	4 / 22 oz + 3 qt	98	95	96	97	99	83	71	97	44.8	48.97	211
9	Prowl H2O + Outlook / Roundup Weather Max	1 + 12.6 oz / 22 oz + 3 q	98	95	98	97	99	81	73	98	45.3	56.38	207
10	Gangster / Roundup Original Max + AMS	1.8 oz / 22 oz + 4 qt	97	93	99	98	98	96	95	96	48.6	46.46	235
11	Prefix CP / Touchdown Total + AMS	1 / 24 oz + 3 qt	98	97	99	98	99	89	90	98	47.3	48.13	226
12	Boundary / Touchdown Total + AMS	1.5 / 24 oz + 3 qt	97	97	97	97	99	94	79	97	46.8	52.41	219
13	Valor SX / Roundup Original Max + AMS	2 oz / 22 oz + 3 qt	95	88	98	98	99	81	73	97	45.8	45.37	220
14	Valor SX + Python / Roundup Original Max + AMS	1.5 oz + 0.5 oz / 22 oz + 3 q	96	88	98	98	91	85	92	99	48.6	47.92	234
15	Valor SX + Sencor / Roundup Original Max + AMS	1.5 oz + 3 oz / 22 oz + 3 q	95	85	98	98	92	80	75	96	45.3	45.99	217
16	Python / Glyphomax XRT + AMS	0.5 / 24 oz + 3 qt	93	83	98	94	99	79	80	98	45.1	42.59	219
17	Python / Glyphomax XRT + AMS	0.8 / 24 oz + 3 qt	92	83	98	94	89	86	86	99	46.0	45.42	221
18	FirstRate / Glyphomax XRT + AMS	0.3 / 24 oz + 3 qt	96	93	97	92	72	87	85	97	48.1	45.40	233
19	Weed Free	-	100	100	100	100	100	100	100	100	50.5	0.00	293
POST I (4-inch weeds)/POST III(Canopy)													
20	Roundup Weather Max + AMS / Roundup Weather Max + AMS	22 oz + 3 qt / 22 oz + 3 qt	99	98	99	99	99	99	99	99	50.4	49.46	243
21	GF-1280 + AMS / GF-1280 + AMS	24 oz + 3 qt / 24oz + 3 q	99	98	99	99	99	99	99	99	49.4	No Label	
POST II (6-inch weeds)													
22	Harmony GT + Roundup Original Max + NIS + AMS	0.5 oz + 22 oz 0.25% + 3 q	94	84	97	94	99	76	71	94	44.0	34.75	221
23	Harmony GT + Classic + Roundup Original Max + AMS	0.5 oz + 0.33 oz + 22 oz 0.25% + 3 q	97	85	98	93	95	78	70	98	44.9	38.97	222
24	Roundup WeatherMax+AMS	22 oz + 3 qt	93	78	97	87	97	73	69	98	43.3	31.60	220
LSD (P=0.10)			4	4	4	5	9	13	10	3	2.2	13	