

2005 Soybean Herbicide Evaluation

Combined across locations

Herbicide	Rate	Giant	Yellow	Wild Proso	Giant	Common	Common	Common			Redroot	Tall	Yield	Cost	Returns
		Foxtail	foxtail	millet	ragweed	ragweed	cocklebur	Velevetleaf	lambsquarters	pigweed	waterhemp				
		Number of Locations													
		4	1	1	1	2	1	3	6	3	1	6		6	
		-----(% control)-----											(bu/A)	----(\$/A)----	
<u>Preplant incorporated/ POST I (4-inch weeds)</u>															
1	Prowl H2O / Raptor + First Rate + NIS + AMS	43 oz / 4 oz + 0.3 oz + 0.25% + 3 qt	98	95	96	99	91	77	99	97	96	15	43.3	50.00	163
2	Pursuit Plus / First Rate + NIS + AMS	2.5 / 0.3 + 0.25% + 3 qt	84	89	72	99	93	80	99	96	97	17	43.3	38.95	174
3	Prowl H2O / Extreme + NIS + AMS	43 oz / 3 pt + 0.125% + 3 qt	96	95	95	99	89	62	97	96	99	87	46.0	50.46	176
<u>Preemergence/ POST I (4-inch weeds)</u>															
4	Weedy	-	0	0	0	0	0	0	0	0	0	0	12.9	0.00	64
5	Gangster / First Rate + Phoenix + SelectMax + NIS + AMS	3 oz / 0.3 oz + 8 oz + 12 oz + 0.25% + 3 qt	81	91	96	97	98	82	98	70	99	99	40.4	59.86	139
6	Gangster / First Rate + Phoenix + V10139 + NIS + AMS	3 oz / 0.3 oz + 8 oz + 8 oz + 0.25% + 3 qt	82	90	93	96	97	78	99	67	99	89	42.1	no label	na
7	Python / First Rate + Select + Cobra + COC + AMS	1 oz / 0.3 oz + 6 oz + 6 oz + 1% + 3 qt	81	81	93	93	96	91	98	75	98	79	40.2	47.17	150
8	Boundary / Flexstar + Fusion + First Rate + MSO + 28%	1.5 / 16 oz + 8 oz + 0.3 oz + 1% + 2.5%	85	96	94	90	99	78	98	81	98	82	44.4	59.19	159
<u>Preemergence/ POST II (6-inch weeds)</u>															
9	IntRRo / RoundupWeatherMax + AMS	4 / 22 oz + 3 qt	97	92	97	94	83	53	95	90	93	88	47.8	46.51	188
10	Prowl H2O + Outlook / Roundup WeatherMax	1 + 12.6 oz / 22 oz + 3 qt	98	94	97	92	78	58	91	93	97	88	51.1	54.13	197
11	Gangster/ Roundup OriginalMax + AMS	1.8 oz / 22 oz + 4 qt	93	90	96	91	94	69	98	99	94	85	49.6	42.76	201
12	Boundary / Touchdown Total + AMS	1.25 / 24 oz + 2 qt	98	96	97	89	83	51	79	94	93	90	48.7	43.05	196
13	Valor SX / Roundup OriginalMax + AMS	2 oz / 22 oz + 4 qt	93	93	98	90	89	51	98	95	99	92	48.6	40.71	198
14	Valor SX + Python / Roundup OriginalMax + AMS	1.5 oz + 0.5 oz / 22 oz + 3 qt	92	92	94	97	95	68	98	99	99	96	49.2	42.59	199
15	Valor SX + Sencor / Roundup OriginalMax + AMS	1.5 oz + 3 oz / 22 oz + 3 qt	93	91	96	95	89	60	97	97	97	92	51.6	41.87	212
<u>POST II (6-inch weeds)</u>															
16	Weed Free	-	100	100	100	100	100	100	100	100	100	100	50.7	0.00	249
17	Sequence + AMS	2.5 pt + 2 qt	97	94	33	90	85	73	84	82	83	90	49.0	36.56	204
<u>POST I (4-inch weeds)/POST III(Canopy)</u>															
18	Roundup WeatherMax + AMS / Roundup Weather Max + AMS	22 oz + 3 qt / 22 oz + 3 qt	99	97	98	99	98	96	99	97	98	94	51.7	49.04	205
<u>POST II (6-inch weeds)</u>															
19	Glyphomax XRT + First Rate + AMS	24 oz + 0.3 oz + 3 qt	92	96	96	99	91	70	98	96	88	80	49.7	35.39	209
20	Harmony GT + Roundup OriginalMax + AMS	0.33 oz + 22 oz + 4.7	88	97	94	92	83	73	97	94	92	78	47.9	30.17	206
21	Harmony GT + Classic + Roundup OriginalMax + AMS	0.33 oz + 0.33 oz + 22 oz + 4.7	93	95	94	92	92	83	97	95	98	72	50.9	34.41	216
22	Clearout 41 Plus + AMS	32 oz + 3 qt	89	95	95	87	83	71	88	89	74	78	48.1	24.88	212
23	Glyphomax XRT + AMS	24 oz + 3 qt	92	93	95	91	83	70	96	89	79	77	49.6	27.96	216
24	Roundup WeatherMax+AMS	22 oz + 3 qt	89	94	95	94	88	63	96	92	80	80	48.1	31.39	205
LSD(0.10)			3	4	8	7	6	19	6	6	6	14	2.5		12