

2003 Soybean Herbicide Evaluation - Waseca

Common Ragweed Site

Herbicide	Rate	Giant foxtail	Common ragweed	Common Velevetleaf	Common Lambs.	Yield	Cost	Income Over Herb	
	(pt/A)	-----(% control)-----			(bu/A)	----(\$/A)----			
<u>Preplant incorporate 2X/POST I (4-inch weeds)</u>									
1	Prowl H2O/ Raptor+UltraBlazer+NIS+AMS	43 oz/ 3 oz+ 8 oz+0.25%+2.5 lb	97	98	96	96	42.0	38.00	168
2	Prowl H2O/ Raptor+FirstRate+NIS+AMS	43 oz/ 3 oz+ 0.2 oz+0.25%+2.5 lb	99	99	99	97	43.8	38.51	176
3	Prowl H2O/ Extreme+NIS+AMS	43oz/ 3 pt+0.125%+2.5 lb	99	99	99	99	46.5	39.91	188
<u>Preemergence/ POST I (4-inch weeds)</u>									
4	Gangster/ Phoenix+Select+NIS+AMS	3.1 oz/ 8 oz+6 oz+0.25%+2 lb	99	99	93	67	43.3	46.53	165
5	Gangster/FirstRate+Phoenix+Select+NIS+AMS	1.8 oz/ 0.3 oz+8 oz + 6 oz+0.25%+2 lb	99	99	99	69	44.1	47.53	169
6	Python/ FirstRate+Select+Cobra+COC+AMS	1 oz/ 0.3 oz+8 oz + 6 oz+1%+2.5 lb	98	99	99	66	43.5	47.47	166
7	Boundary/ Flexstar+Fusion+COC+AMS	1.5 pt/ 16 oz+8 oz+1%+2.5 lb	96	99	99	97	47.9	48.66	186
8	Authority/ Flexstar+Assure+COC+AMS	5.3 oz/ 16 oz+9 oz+1%+2.5 lb	99	99	99	99	46.6	42.90	186
<u>Preemergence/ POST I (6-inch weeds)</u>									
9	Authority/ RoundupWeatherMax+Classic+AMS	3.5 oz/ 22 oz+0.33oz+2.5 lb	99	99	99	98	42.3	39.42	168
10	Python/ Glyphomax HC+AMS	1 oz/ 24 oz+2.5 lb	99	99	99	99	44.8		
11	Gangster/ Roundup WeatherMax+AMS	1.8 oz/ 22 oz+2.5 lb	99	99	99	99	50.4	39.23	208
12	Boundary/ Touchdown IQ+AMS	1.25 pt/ 32oz +2.5 lb	99	99	99	99	47.4	41.59	191
13	Valor/ Roundup WeatherMax+AMS	2 oz/ 22 oz+2.5 lb	99	99	99	99	45.3	39.10	183
14	Authority / Roundup WeatherMax+AMS	4 oz/ 22 oz+2.5 lb	99	99	99	99	50.7	36.03	212
<u>POST I (4-inch weeds)</u>									
15	Flexstar+Fusion+HarmonyGT+COC+AMS	16 oz+10 oz+0.04 oz+1%+2.5 lb	92	99	99	99	47.4	31.39	201
16	Flexstar+Fusion+FirstRate+COC+AMS	16 oz+10 oz+0.3 oz+1%+2.5 lb	90	99	99	85	42.4	38.79	169
<u>POST I (4-inch weeds)/POST III(Canopy)</u>									
17	Roundup WeatherMax+AMS/ Roundup Weather Max+AMS	22 oz+2.5 lb / 22 oz+2.5 lb	99	99	99	99	48.1	40.46	195
<u>POST II (6-inch weeds)</u>									
18	Roundup WeatherMax+Aim+AMS	22 oz+0.25 oz+2.5 lb	96	97	99	99	48.0	25.58	210
19	Glyphomax Plus+FirstRate+AMS	32 oz+0.3 oz+2.5 lb	99	99	99	99	45.8	31.26	193
20	Clearout 41Plus+AMS	32 oz+2.5 lb	98	99	99	99	50.9	18.24	231
21	Glyphomax HC+AMS	24 oz+2.5 lb	98	99	99	96	52.7		
22	Roundup WeatherMax+AMS	22 oz+2.5 lb	98	99	99	99	48.9	24.23	215
<u>Checks</u>									
23	Weedy	-	0	0	0	0	19.6	0.00	96
24	Hand-Weeded	-	99	99	99	99	43.0	0.00	211
		LSD(0.10)	2	1	3	13	5.2		25

2003 Soybean Herbicide Evaluation - Waseca
Common cocklebur site

Herbicide	Rate	Giant foxtail	Common cocklebur	Common ragweed	Common lamb.	Yield	Cost	Income Over Herb	
	(pt/A)	-----(% control)-----				(bu/A)	----(\$/A)----		
<u>Preplant incorporate 2X/POST I (4-inch weeds)</u>									
1	Prowl H2O/ Raptor+UltraBlazer+NIS+AMS	43 oz/ 3 oz+ 8 oz+0.25%+2.5 lb	98	96	65	85	26.7	38.00	93
2	Prowl H2O/ Raptor+FirstRate+NIS+AMS	43 oz/ 3 oz+ 0.2 oz+0.25%+2.5 lb	98	91	87	79	35.9	38.51	137
3	Prowl H2O/ Extreme+NIS+AMS	43oz/ 3 pt+0.125%+2.5 lb	99	86	91	99	35.8	39.91	136
<u>Preemergence/ POST I (4-inch weeds)</u>									
4	Gangster/ Phoenix+Select+NIS+AMS	3.1 oz/ 8 oz+6 oz+0.25%+2 lb	99	93	99	13	9.7	46.53	1
5	Gangster/FirstRate+Phoenix+Select+NIS+AMS	1.8 oz/ 0.3 oz+8 oz + 6 oz+0.25%+2 lb	98	99	99	25	17.0	47.53	36
6	Python/ FirstRate+Select+Cobra+COC+AMS	1 oz/ 0.3 oz+8 oz + 6 oz+1%+2.5 lb	99	99	99	16	10.4	47.47	4
7	Boundary/ Flexstar+Fusion+COC+AMS	1.5 pt/ 16 oz+8 oz+1%+2.5 lb	91	96	99	44	20.1	48.66	50
8	Authority/ Flexstar+Assure+COC+AMS	5.3 oz/ 16 oz+9 oz+1%+2.5 lb	97	75	99	83	33.2	42.90	120
<u>Preemergence/ POST I (6-inch weeds)</u>									
9	Authority/ RoundupWeatherMax+Classic+AMS	3.5 oz/ 22 oz+0.33oz+2.5 lb	98	99	99	99	38.1	39.42	147
10	Python/ Glyphomax HC+AMS	1 oz/ 24 oz+2.5 lb	97	99	99	99	40.5		
11	Gangster/ Roundup WeatherMax+AMS	1.8 oz/ 22 oz+2.5 lb	99	98	99	99	39.1	39.23	152
12	Boundary/ Touchdown IQ+AMS	1.25 pt/ 32oz +2.5 lb	99	87	99	99	35.3	41.59	131
13	Valor/ Roundup WeatherMax+AMS	2 oz/ 22 oz+2.5 lb	99	99	99	99	39.7	39.10	156
14	Authority / Roundup WeatherMax+AMS	4 oz/ 22 oz+2.5 lb	97	91	90	99	37.7	36.03	149
<u>POST I (4-inch weeds)</u>									
15	Flexstar+Fusion+HarmonyGT+COC+AMS	16 oz+10 oz+0.04 oz+1%+2.5 lb	90	90	92	58	24.8	31.39	90
16	Flexstar+Fusion+FirstRate+COC+AMS	16 oz+10 oz+0.3 oz+1%+2.5 lb	96	99	99	21	11.6	38.79	18
<u>POST I (4-inch weeds)/POST III(Canopy)</u>									
17	Roundup WeatherMax+AMS/ Roundup Weather Max+AMS	22 oz+2.5 lb / 22 oz+2.5 lb	99	99	99	99	38.9	40.46	150
<u>POST II (6-inch weeds)</u>									
18	Roundup WeatherMax+Aim+AMS	22 oz+0.25 oz+2.5 lb	94	88	93	96	35.8	25.58	150
19	Glyphomax Plus+FirstRate+AMS	32 oz+0.3 oz+2.5 lb	98	99	99	82	33.7	31.26	134
20	Clearout 41Plus+AMS	32 oz+2.5 lb	95	92	92	92	34.4	18.24	150
21	Glyphomax HC+AMS	24 oz+2.5 lb	95	92	90	94	37.6		
22	Roundup WeatherMax+AMS	22 oz+2.5 lb	92	92	99	94	33.0	24.23	137
<u>Checks</u>									
23	Weedy	-	0	0	0	0	2.5	0.00	12
24	Hand-Weeded	-	99	99	99	99	35.9	0.00	176
		LSD(0.10)	2	10	9	14	5.2		27

2003 Soybean Herbicide Evaluation - Waseca
Tall waterhemp site

Herbicide	Rate	Giant foxtail	Tall Waterhemp	Common lambs.	Yield (bu/A)	Cost	Income Over Herb
	(pt/A)	-----(% control)-----				----(\$/A)----	
<u>Preplant incorporate 2X/POST I (4-inch weeds)</u>							
1 Prowl H2O/ Raptor+UltraBlazer+NIS+AMS	43 oz/ 3 oz+ 8 oz+0.25%+2.5 lb	89	91	79	35.6	38.00	136
2 Prowl H2O/ Raptor+FirstRate+NIS+AMS	43 oz/ 3 oz+ 0.2 oz+0.25%+2.5 lb	88	31	87	29.3	38.51	105
3 Prowl H2O/ Extreme+NIS+AMS	43oz/ 3 pt+0.125%+2.5 lb	99	98	91	45.9	39.91	185
<u>Preemergence/ POST I (4-inch weeds)</u>							
4 Gangster/ Phoenix+Select+NIS+AMS	3.1 oz/ 8 oz+6 oz+0.25%+2 lb	99	91	26	21.5	46.53	59
5 Gangster/FirstRate+Phoenix+Select+NIS+AMS	1.8 oz/ 0.3 oz+8 oz + 6 oz+0.25%+2 lb	99	90	19	10.6	47.53	5
6 Python/ FirstRate+Select+Cobra+COC+AMS	1 oz/ 0.3 oz+8 oz + 6 oz+1%+2.5 lb	99	94	20	15.5	47.47	29
7 Boundary/ Flexstar+Fusion+COC+AMS	1.5 pt/ 16 oz+8 oz+1%+2.5 lb	95	91	63	28.1	48.66	89
8 Authority/ Flexstar+Assure+COC+AMS	5.3 oz/ 16 oz+9 oz+1%+2.5 lb	99	99	99	45.8	42.90	182
<u>Preemergence/ POST I (6-inch weeds)</u>							
9 Authority/ RoundupWeatherMax+Classic+AMS	3.5 oz/ 22 oz+0.33oz+2.5 lb	99	97	99	45.1	39.42	182
10 Python/ Glyphomax HC+AMS	1 oz/ 24 oz+2.5 lb	x	x	x	x	x	x
11 Gangster/ Roundup WeatherMax+AMS	1.8 oz/ 22 oz+2.5 lb	99	97	99	46.1	39.23	187
12 Boundary/ Touchdown IQ+AMS	1.25 pt/ 32oz +2.5 lb	99	97	91	45.1	41.59	180
13 Valor/ Roundup WeatherMax+AMS	2 oz/ 22 oz+2.5 lb	99	97	99	47.8	39.10	195
14 Authority / Roundup WeatherMax+AMS	4 oz/ 22 oz+2.5 lb	99	99	99	47.2	36.03	195
<u>POST I (4-inch weeds)</u>							
15 Flexstar+Fusion+HarmonyGT+COC+AMS	16 oz+10 oz+0.04 oz+1%+2.5 lb	94	97	53	23.7	31.39	85
16 Flexstar+Fusion+FirstRate+COC+AMS	16 oz+10 oz+0.3 oz+1%+2.5 lb	97	93	48	21.2	38.79	65
<u>POST I (4-inch weeds)/POST III(Canopy)</u>							
17 Roundup WeatherMax+AMS/ Roundup Weather Max+AMS	22 oz+2.5 lb / 22 oz+2.5 lb	99	99	99	45.9	40.46	185
<u>POST II (6-inch weeds)</u>							
18 Roundup WeatherMax+Aim+AMS	22 oz+0.25 oz+2.5 lb	96	73	75	28.8	25.58	115
19 Glyphomax Plus+FirstRate+AMS	32 oz+0.3 oz+2.5 lb	98	87	84	41.8	31.26	174
20 Clearout 41Plus+AMS	32 oz+2.5 lb	98	87	71	37.1	18.24	164
21 Glyphomax HC+AMS	24 oz+2.5 lb	97	89	77	37.2		
22 Roundup WeatherMax+AMS	22 oz+2.5 lb	96	82	82	38.9	24.23	166
<u>Checks</u>							
23 Weedy	-	0	0	0	5.6	0.00	28
24 Hand-Weeded	-	99	99	99	42.1	0.00	206
		LSD(0.10)	5	7	12	6.8	34

Herbicide	Rate (pt/A)	Green	Common	Redroot	Yield (bu/A)	Cost	Income Over Herb ----(\$/A)----	
		foxtail	lamb.	pigweed				
		-----(% control)-----						
<u>Preplant incorporate 2X/POST I (4-inch weeds)</u>								
1	Prowl H2O/ Raptor+UltraBlazer+NIS+AMS	43 oz/ 3 oz+ 8 oz+0.25%+2.5 lb	91	95	92	37.4	38.00	145
2	Prowl H2O/ Raptor+FirstRate+NIS+AMS	43 oz/ 3 oz+ 0.2 oz+0.25%+2.5 lb	95	97	94	37.2	38.51	144
3	Prowl H2O/ Extreme+NIS+AMS	43oz/ 3 pt+0.125%+2.5 lb	96	97	95	39.5	39.91	154
<u>Preemergence/ POST I (4-inch weeds)</u>								
4	Gangster/ Phoenix+Select+NIS+AMS	3.1 oz/ 8 oz+6 oz+0.25%+2 lb	85	74	96	33.5	46.53	117
5	Gangster/FirstRate+Phoenix+Select+NIS+AMS	1.8 oz/ 0.3 oz+8 oz + 6 oz+0.25%+2 lb	86	65	95	28.6	47.53	93
6	Python/ FirstRate+Select+Cobra+COC+AMS	1 oz/ 0.3 oz+8 oz + 6 oz+1%+2.5 lb	85	65	94	29.6	47.47	98
7	Boundary/ Flexstar+Fusion+COC+AMS	1.5 pt/ 16 oz+8 oz+1%+2.5 lb	86	86	94	39.8	48.66	146
8	Authority/ Flexstar+Assure+COC+AMS	5.3 oz/ 16 oz+9 oz+1%+2.5 lb	75	97	97	32.3	42.90	115
<u>Preemergence/ POST I (6-inch weeds)</u>								
9	Authority/ RoundupWeatherMax+Classic+AMS	3.5 oz/ 22 oz+0.33oz+2.5 lb	80	95	97	36.4	39.42	139
10	Python/ Glyphomax HC+AMS	1 oz/ 24 oz+2.5 lb	79	97	97	34.3		
11	Gangster/ Roundup WeatherMax+AMS	1.8 oz/ 22 oz+2.5 lb	91	97	97	35.8	39.23	136
12	Boundary/ Touchdown IQ+AMS	1.25 pt/ 32oz +2.5 lb	92	97	96	36.2	41.59	136
13	Valor/ Roundup WeatherMax+AMS	2 oz/ 22 oz+2.5 lb	84	97	97	34.7	39.10	131
14	Authority / Roundup WeatherMax+AMS	4 oz/ 22 oz+2.5 lb	85	97	97	39.0	36.03	155
<u>POST I (4-inch weeds)</u>								
15	Flexstar+Fusion+HarmonyGT+COC+AMS	16 oz+10 oz+0.04 oz+1%+2.5 lb	70	83	93	28.3	31.39	107
16	Flexstar+Fusion+FirstRate+COC+AMS	16 oz+10 oz+0.3 oz+1%+2.5 lb	80	74	96	29.6	38.79	106
<u>POST I (4-inch weeds)/POST III(Canopy)</u>								
17	Roundup WeatherMax+AMS/ Roundup Weather Max+AMS	22 oz+2.5 lb / 22 oz+2.5 lb	100	100	100	36.6	40.46	139
<u>POST II (6-inch weeds)</u>								
18	Roundup WeatherMax+Aim+AMS	22 oz+0.25 oz+2.5 lb	55	93	88	18.1	25.58	63
19	Glyphomax Plus+FirstRate+AMS	32 oz+0.3 oz+2.5 lb	84	91	90	34.6	31.26	138
20	Clearout 41Plus+AMS	32 oz+2.5 lb	66	88	82	27.0	18.24	114
21	Glyphomax HC+AMS	24 oz+2.5 lb	68	89	91	29.9		
22	Roundup WeatherMax+AMS	22 oz+2.5 lb	65	93	91	31.0	24.23	128
<u>Checks</u>								
23	Weedy	-	0	0	0	5.8	0.00	28
24	Hand-Weeded	-	100	100	100	41.0	0.00	201
LSD(0.10)			5	7	5	4.2		21

2003 Soybean Herbicide Evaluation - Morris

Herbicide	Rate	Foxtail sp.	Powell amaranth	Common lambs.	Yield (bu/A)	Cost (\$/A)	Income Over Herb
<u>Preplant incorporate 2X/POST I (4-inch weeds)</u>		-----(% control)-----					
	(pt/A)						
1 Prowl H2O/ Raptor+UltraBlazer+NIS+AMS	43 oz/ 3 oz+ 8 oz+0.25%+2.5 lb	93	100	90	49.6	38.00	205
2 Prowl H2O/ Raptor+FirstRate+NIS+AMS	43 oz/ 3 oz+ 0.2 oz+0.25%+2.5 lb	100	100	96	40.5	38.51	160
3 Prowl H2O/ Extreme+NIS+AMS	43oz/ 3 pt+0.125%+2.5 lb	100	100	100	43.2	39.91	172
<u>Preemergence/ POST I (4-inch weeds)</u>							
4 Gangster/ Phoenix+Select+NIS+AMS	3.1 oz/ 8 oz+6 oz+0.25%+2 lb	100	100	87	38.7	46.53	143
5 Gangster/FirstRate+Phoenix+Select+NIS+AMS	1.8 oz/ 0.3 oz+8 oz + 6 oz+0.25%+2 lb	99	100	76	42.2	47.53	159
6 Python/ FirstRate+Select+Cobra+COC+AMS	1 oz/ 0.3 oz+8 oz + 6 oz+1%+2.5 lb	98	100	81	41.5	47.47	156
7 Boundary/ Flexstar+Fusion+COC+AMS	1.5 pt/ 16 oz+8 oz+1%+2.5 lb	98	100	98	48.3	48.66	188
8 Authority/ Flexstar+Assure+COC+AMS	5.3 oz/ 16 oz+9 oz+1%+2.5 lb	100	100	100	45.5	42.90	180
<u>Preemergence/ POST I (6-inch weeds)</u>							
9 Authority/ RoundupWeatherMax+Classic+AMS	3.5 oz/ 22 oz+0.33oz+2.5 lb	98	100	100	53.0	39.42	220
10 Python/ Glyphomax HC+AMS	1 oz/ 24 oz+2.5 lb	96	100	100	49.4		
11 Gangster/ Roundup WeatherMax+AMS	1.8 oz/ 22 oz+2.5 lb	100	100	100	46.5	39.23	189
12 Boundary/ Touchdown IQ+AMS	1.25 pt/ 32oz +2.5 lb	100	100	100	48.4	41.59	195
13 Valor/ Roundup WeatherMax+AMS	2 oz/ 22 oz+2.5 lb	100	98	98	47.9	39.10	196
14 Authority / Roundup WeatherMax+AMS	4 oz/ 22 oz+2.5 lb	100	100	100	48.8	36.03	203
<u>POST I (4-inch weeds)</u>							
15 Flexstar+Fusion+HarmonyGT+COC+AMS	16 oz+10 oz+0.04 oz+1%+2.5 lb	98	99	98	47.1	31.39	199
16 Flexstar+Fusion+FirstRate+COC+AMS	16 oz+10 oz+0.3 oz+1%+2.5 lb	97	100	80	46.8	38.79	191
<u>POST I (4-inch weeds)/POST III(Canopy)</u>							
17 Roundup WeatherMax+AMS/ Roundup Weather Max+AMS	22 oz+2.5 lb / 22 oz+2.5 lb	100	100	100	51.8	40.46	213
<u>POST II (6-inch weeds)</u>							
18 Roundup WeatherMax+Aim+AMS	22 oz+0.25 oz+2.5 lb	100	98	95	48.7	25.58	213
19 Glyphomax Plus+FirstRate+AMS	32 oz+0.3 oz+2.5 lb					31.26	
20 Clearout 41Plus+AMS	32 oz+2.5 lb	99	97	91	43.5	18.24	195
21 Glyphomax HC+AMS	24 oz+2.5 lb	100	99	98	48.5		
22 Roundup WeatherMax+AMS	22 oz+2.5 lb	99	95	94	46.2	24.23	202
<u>Checks</u>							
23 Weedy	-	0	0	0	15.8	0.00	78
24 Hand-Weeded	-	100	100	100	46.2	0.00	226
		LSD(0.10)	3	3	7	6.6	31

2003 Soybean Herbicide Evaluation - Potsdam

Herbicide	Rate	Wild Proso	Common lamb.	Velvetleaf	Yield	Cost	Income Over Herb
	(pt/A)	-----(% control)-----			(bu/A)	----(\$/A)----	
<u>Preplant incorporate 2X/POST I (4-inch weeds)</u>							
1 Prowl H2O/ Raptor+UltraBlazer+NIS+AMS	43 oz/ 3 oz+ 8 oz+0.25%+2.5 lb	97	99	99	35.2	38.00	134
2 Prowl H2O/ Raptor+FirstRate+NIS+AMS	43 oz/ 3 oz+ 0.2 oz+0.25%+2.5 lb	96	98	99	35.4	38.51	135
3 Prowl H2O/ Extreme+NIS+AMS	43oz/ 3 pt+0.125%+2.5 lb	99	99	99	36.3	39.91	138
<u>Preemergence/ POST I (4-inch weeds)</u>							
4 Gangster/ Phoenix+Select+NIS+AMS	3.1 oz/ 8 oz+6 oz+0.25%+2 lb	99	98	99	35.4	46.53	127
5 Gangster/FirstRate+Phoenix+Select+NIS+AMS	1.8 oz/ 0.3 oz+8 oz + 6 oz+0.25%+2 lb	97	98	99	35.8	47.53	128
6 Python/ FirstRate+Select+Cobra+COC+AMS	1 oz/ 0.3 oz+8 oz + 6 oz+1%+2.5 lb	99	98	99	35.1	47.47	124
7 Boundary/ Flexstar+Fusion+COC+AMS	1.5 pt/ 16 oz+8 oz+1%+2.5 lb	99	99	98	35.1	48.66	123
8 Authority/ Flexstar+Assure+COC+AMS	5.3 oz/ 16 oz+9 oz+1%+2.5 lb	99	99	99	35.3	42.90	130
<u>Preemergence/ POST I (6-inch weeds)</u>							
9 Authority/ RoundupWeatherMax+Classic+AMS	3.5 oz/ 22 oz+0.33oz+2.5 lb	99	99	99	38.7	39.42	150
10 Python/ Glyphomax HC+AMS	1 oz/ 24 oz+2.5 lb	99	99	99	37.9		
11 Gangster/ Roundup WeatherMax+AMS	1.8 oz/ 22 oz+2.5 lb	99	99	99	36.5	39.23	140
12 Boundary/ Touchdown IQ+AMS	1.25 pt/ 32oz +2.5 lb	99	99	99	37.8	41.59	144
13 Valor/ Roundup WeatherMax+AMS	2 oz/ 22 oz+2.5 lb	99	99	99	38.4	39.10	149
14 Authority / Roundup WeatherMax+AMS	4 oz/ 22 oz+2.5 lb	99	99	99	37.9	36.03	150
<u>POST I (4-inch weeds)</u>							
15 Flexstar+Fusion+HarmonyGT+COC+AMS	16 oz+10 oz+0.04 oz+1%+2.5 lb	99	98	99	34.3	31.39	137
16 Flexstar+Fusion+FirstRate+COC+AMS	16 oz+10 oz+0.3 oz+1%+2.5 lb	99	90	99	34.6	38.79	131
<u>POST I (4-inch weeds)/POST III(Canopy)</u>							
17 Roundup WeatherMax+AMS/ Roundup Weather Max+AMS	22 oz+2.5 lb / 22 oz+2.5 lb	98	99	99	36.0	40.46	136
<u>POST II (6-inch weeds)</u>							
18 Roundup WeatherMax+Aim+AMS	22 oz+0.25 oz+2.5 lb	96	96	99	32.4	25.58	133
19 Glyphomax Plus+FirstRate+AMS	32 oz+0.3 oz+2.5 lb	96	96	99	36.2	31.26	146
20 Clearout 41Plus+AMS	32 oz+2.5 lb	99	96	99	33.8	18.24	147
21 Glyphomax HC+AMS	24 oz+2.5 lb	97	96	99	35.3		
22 Roundup WeatherMax+AMS	22 oz+2.5 lb	99	97	99	35.3	24.23	149
<u>Checks</u>							
23 Weedy	-	0	0	0	15.4	0.00	75
24 Hand-Weeded	-	99	99	99	35.4	0.00	173
		LSD(0.10)	3	2	1	2.3	11

2003 Soybean Herbicide Evaluation - Summary across locations

Herbicide	Rate	All	Giant	Green	Wild	Common	Common	Common	Powell	Redroot	Tall	Yield	Cost	Income	
		grasses	foxtail	foxtail	proso	lambs.	ragweed	Velvetleaf	cocklebur	amaranth	pigweed				waterhemp
		6	3	1	1	6	2	2	1	1	1	6		6	
<u>Preplant incorporate 2X/POST I (4-inch weeds)</u>		(pt/A)													
Prowl H2O/ Raptor+UltraBlazer+NIS+AMS	43 oz/ 3 oz+ 8 oz+0.25%+2.5 lb	94	95	91	97	91	81	97	96	100	92	91	37.7	38.00	147
Prowl H2O/ Raptor+FirstRate+NIS+AMS	43 oz/ 3 oz+ 0.2 oz+0.25%+2.5 lb	96	95	95	96	92	93	99	91	100	94	31	37.0	38.51	143
Prowl H2O/ Extreme+NIS+AMS	43oz/ 3 pt+0.125%+2.5 lb	99	99	96	99	97	95	99	86	100	95	98	41.2	39.91	162
<u>Preemergence/ POST I (4-inch weeds)</u>															
Gangster/ Phoenix+Select+NIS+AMS	3.1 oz/ 8 oz+6 oz+0.25%+2 lb	97	99	85	99	61	99	96	93	100	96	91	30.3	46.53	102
Gangster/FirstRate+Phoenix+Select+NIS+AMS	1.8 oz/ 0.3 oz+8 oz + 6 oz+0.25%+2 lb	96	99	86	97	59	99	99	99	100	95	90	29.7	47.53	98
Python/ FirstRate+Select+Cobra+COC+AMS	1 oz/ 0.3 oz+8 oz + 6 oz+1%+2.5 lb	96	99	85	99	58	99	99	99	100	94	94	29.3	47.47	96
Boundary/ Flexstar+Fusion+COC+AMS	1.5 pt/ 16 oz+8 oz+1%+2.5 lb	94	94	86	99	81	99	99	96	100	94	91	36.5	48.66	130
Authority/ Flexstar+Assure+COC+AMS	5.3 oz/ 16 oz+9 oz+1%+2.5 lb	95	98	75	99	96	99	99	75	100	97	99	39.8	42.90	152
<u>Preemergence/ POST I (6-inch weeds)</u>															
Authority/ RoundupWeatherMax+Classic+AMS	3.5 oz/ 22 oz+0.33oz+2.5 lb	95	99	80	99	99	99	99	99	100	97	97	42.3	39.42	168
Python/ Glyphomax HC+AMS	1 oz/ 24 oz+2.5 lb	94	98	79	99	96	99	99	99	100	97	x	40.9		
Gangster/ Roundup WeatherMax+AMS	1.8 oz/ 22 oz+2.5 lb	98	99	91	99	99	99	99	98	100	97	97	42.4	39.23	169
Boundary/ Touchdown IQ+AMS	1.25 pt/ 32oz +2.5 lb	98	99	92	99	98	99	99	87	100	96	97	41.7	41.59	163
Valor/ Roundup WeatherMax+AMS	2 oz/ 22 oz+2.5 lb	97	99	84	99	98	99	99	99	99	97	97	42.3	39.10	168
Authority / Roundup WeatherMax+AMS	4 oz/ 22 oz+2.5 lb	97	98	85	99	99	94	99	91	100	97	99	43.6	36.03	177
<u>POST I (4-inch weeds)</u>															
Flexstar+Fusion+HarmonyGT+COC+AMS	16 oz+10 oz+0.04 oz+1%+2.5 lb	90	92	70	99	81	96	99	90	99	93	97	34.3	31.39	137
Flexstar+Fusion+FirstRate+COC+AMS	16 oz+10 oz+0.3 oz+1%+2.5 lb	93	94	80	99	66	99	99	99	100	96	93	31.0	38.79	113
<u>POST I (4-inch weeds)/POST III(Canopy)</u>															
Roundup WeatherMax+AMS/ Roundup Weather Max+AMS	22 oz+2.5 lb / 22 oz+2.5 lb	99	99	100	98	99	99	99	99	100	100	99	42.9	40.46	170
<u>POST II (6-inch weeds)</u>															
Roundup WeatherMax+Aim+AMS	22 oz+0.25 oz+2.5 lb	89	95	55	96	92	95	99	88	98	88	73	35.3	25.58	147
Glyphomax Plus+FirstRate+AMS	32 oz+0.3 oz+2.5 lb	96	98	84	96	92	99	99	99	x	90	87	40.1	31.26	165
Clearout 41Plus+AMS	32 oz+2.5 lb	93	97	66	99	90	96	99	92	97	82	87	37.8	18.24	167
Glyphomax HC+AMS	24 oz+2.5 lb	92	97	68	97	91	94	99	92	99	91	89	40.2		
Roundup WeatherMax+AMS	22 oz+2.5 lb	92	95	65	99	93	99	99	92	95	91	82	38.9	24.23	166
<u>Checks</u>															
Weedy	-	0	0	0	0	0	0	0	0	0	0	0	10.8	0.00	53
Hand-Weeded	-	99	99	100	99	99	99	99	99	100	100	99	40.6	0.00	199
LSD(0.10)		2	2	5	3	4	5	2	10	3	5	7	2.1		10