

2007 Soybean Herbicide Evaluation - Combined across all six locations

Dairyland RR/STS variety; Based on \$9.75/bu Soybean

Herbicide	Rate (pt/A)	Giant	Yellow	Common	Common	Common	Giant	Tall	Yield	Cost	Returns	S. E. Returns		
		foxtail	foxtail	lambsquarters	cocklebur	Velvetleaf	ragweed	ragweed					waterhemp	
----- Number of locations -----														
		5	1	6	1	2	2	2	3	6	6			
												(bu/A)	----(\$/A)----	
<u>Preplant incorporated/ POST I (4-inch weeds)</u>														
1	Prowl H2O / Extreme + NIS + AMS	43 oz / 3 pt + 0.25% + 3 qt	99	98	98	69	92	93	96	95	40.8	51.36	347	19.8
<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%	90	97	91	73	76	99	94	99	39.6	56.77	329	19.4
3	Weedy Check	-	0	0	0	0	0	0	0	0	8.7	0.00	85	27.4
4	Weed Free	-	100	100	100	100	100	100	100	100	44.0	0.00	429	18.6
<u>Preemergence/ POST II (6-inch weeds)</u>														
5	Authority First / Roundup Original Max + AMS	3.2 oz / 22 oz + 3 qt	97	95	97	66	99	95	96	96	43.9	44.80	383	20.0
6	Authority First / Roundup Original Max + AMS	4 oz / 22 oz + 3 qt	96	91	99	76	99	97	98	99	42.8	47.82	370	17.9
7	IntRRo / Roundup Weather Max + AMS	4 / 22 oz + 3 qt	95	97	97	63	91	95	95	98	43.2	45.24	376	17.9
8	Gangster / Roundup Original Max + AMS	1.8 oz / 22 oz + 3 qt	93	95	98	85	99	98	95	94	43.0	43.65	376	16.2
9	Prefix / Touchdown Total + AMS	2 / 24 oz + 3 qt	97	98	87	73	94	99	92	95	41.0	44.19	356	17.8
10	Valor SX / Roundup Original Max + AMS	2 oz / 22 oz + 3 qt	94	94	94	78	98	96	97	97	43.1	41.81	379	15.9
11	Valor SX + Python / Roundup Original Max + AMS	1.5 oz + 0.5 oz / 22 oz + 3 qt	94	96	99	81	99	98	96	98	42.6	44.16	372	19.1
12	Valor SX + Sencor / Roundup Original Max + AMS	1.75 oz + 4 oz / 22 oz + 3 qt	95	96	96	69	93	95	94	96	44.3	44.25	388	19.8
13	Sonic / Durango + AMS	3 oz / 24 oz + 3 qt	96	91	93	73	99	99	94	98	43.6	42.42	383	15.8
14	FirstRate / Durango + AMS	0.3 oz / 24 oz + 3 qt	94	93	95	80	99	97	96	91	44.0	39.57	389	19.6
15	Enlite / Roundup Original Max + AMS	2.83 oz / 22 oz + 3 qt	95	97	98	80	99	93	93	98	41.7	43.70	362	19.0
<u>POST I (4-inch weeds)/POST III(Canopy)</u>														
16	Roundup Weather Max + AMS / Roundup Weather Max + AMS	22 oz + 3 qt / 22 oz + 3 qt	98	98	98	99	99	99	96	98	43.8	45.21	381	18.4
17	Durango DMA + AMS / Durango DMA + AMS	24 oz + 3 qt / 24 oz + 3 qt	98	97	97	99	99	99	97	99	44.9	40.82	397	18.2
18	Touchdown Total + AMS / Touchdown Total + AMS	24 oz + 3 qt / 24 oz + 3 qt	99	98	99	99	98	99	98	99	44.8	43.43	393	21.9
19	Flexstar + COC Touchdown Total + AMS	16 oz + 1% / 24 oz + 3 qt	99	98	97	99	99	97	99	99	41.1	48.18	352	24.2
<u>POST II (6-inch weeds)</u>														
20	FirstRate + Durango + AMS	0.3 oz / 24 oz + 3 qt	98	93	82	88	99	99	98	88	43.0	32.57	377	20.7
21	Harmony GT + Roundup Original Max +NIS + AMS	0.5 oz + 22 oz + 0.25% + 3 qt	92	92	97	64	95	99	96	91	39.1	31.73	350	24.4
22	Harmony GT + Classic + Roundup Original Max + AMS	0.5 oz + 0.33 oz + 22 oz + 0.25% + 3 qt	94	95	97	70	98	98	93	80	42.0	35.98	374	23.4
23	Resource + Roundup Original Max +NIS + AMS	2 oz + 22 oz + 0.25% + 3 qt	90	93	70	74	92	93	83	94	36.3	29.35	324	31.9
24	Roundup WeatherMax+AMS	22 oz + 3 qt	93	93	86	60	93	93	90	88	39.5	27.61	357	24.0
LSD(0.10)			2	3	3	9	9	4	4	5	2.4		24	