

2008 Soybean Herbicide Evaluation - Waseca

Common ragweed site

Herbicide	Rate (pt/A)	Giant	Common	Common		Redroot	Yield (bu/A)	Cost	Returns
		foxtail	ragweed	lambquarters	Velvetleaf	pigweed			
		-----(% control)-----						----(\$/A)----	
<u>Preemergence/ POST I (4-inch weeds)</u>									
Boundary / Flexstar + Fusion + Harmony GT + MSO + .5 pt / 16 oz + 8 oz + 0.125 oz + 1% + 2.5'		93	89	98	92	98	56.1	59.05	446
<u>Preemergence/ POST II (6-inch weeds)</u>									
Authority First / Roundup Original Max + AMS	3.2 oz / 22 oz + 3 qt	97	99	99	97	99	55.9	46.89	456
Authority Asist / Roundup Original Max + AMS	5 oz / 22 oz + 3 qt	97	88	99	97	98	51.6	46.21	418
IntRRo / Roundup WeatherMax + AMS	4 pt / 22 oz + 3 qt	98	85	91	97	89	51.5	47.71	416
Gangster / Roundup Original Max + AMS	2.4 oz / 22 oz + 3 qt	99	98	99	98	97	55.9	49.70	454
Prefix / Touchdown Total + AMS	2 pt / 24 oz + 3 qt	97	84	89	91	87	50.8	46.09	411
Boundary / Touchdown Total + AMS	1.5 pt / 24 oz + 3 qt	99	96	93	99	93	56.2	48.37	457
Valor SX / Roundup Original Max + AMS	2 oz / 22 oz + 3 qt	99	92	98	94	89	56.9	44.90	467
Valor SX + Python / Roundup Original Max + AMS	1.5 oz + 0.5 oz / 22 oz + 3 qt	99	97	99	99	99	59.8	47.28	491
Valor SX + Sencor / Roundup Original Max + AMS	1.75 oz + 4 oz / 22 oz + 3 qt	99	93	99	99	97	56.7	47.72	463
Sonic / Durango + AMS	4.5 oz / 24 oz + 3 qt	99	99	99	99	99	60.8	49.80	497
Enlite / Roundup PowerMax + AMS	2.8 oz / 22 oz + 3 qt	99	95	99	99	99	59.6	47.79	488
Enlite / Roundup PowerMax + Harmony + AMS	2.8 oz / 22 oz + 0.125 oz + 3 qt	99	97	99	99	99	59.5	50.29	486
<u>POST I (4-inch weeds)/POST III(Canopy)</u>									
Roundup WeatherMax + AMS / Roundup WeatherMax + AMS	22 oz + 3 qt / 22 oz + 3 qt	99	99	99	99	99	57.1	50.60	463
Durango DMA + First Rate + AMS / Durango DMA + AMS	24 oz + 0.3 oz + 3 qt / 24 oz + 3 qt	99	99	99	99	99	55.1	51.82	444
Touchdown Total + AMS / Touchdown Total + AMS	24 oz + 3 qt / 24 oz + 3 qt	99	99	99	99	99	57.7	48.57	471
<u>POST II (6-inch weeds)</u>									
Classic + Roundup PowerMax + AMS	0.33 oz / 22 oz + 3 qt	99	87	89	97	91	49.4	33.36	411
Harmony GT + Roundup PowerMax + AMS	0.5 oz + 22 oz + 3 qt	98	86	86	99	79	46.2	38.78	377
Harmony GT + Classic + Roundup PowerMax + AMS	0.5 oz + 0.33 oz + 22 oz + 3 qt	98	89	86	96	96	53.3	43.35	437
Resource + Roundup Original Max + NIS + AMS	2 oz + 22 oz + 0.25% + 3 qt	99	70	88	76	81	49.2	32.27	411
Cadet + Roundup Original Max + NIS + AMS	0.4 oz + 22 oz + 0.25% + 3 qt	99	70	82	98	79	46.8	32.99	388
Roundup WeatherMax+AMS	22 oz + 3 qt	97	86	79	97	74	46.8	30.30	391
<u>Checks</u>									
Weedy Check	-	0	0	0	0	0	17.7	0	159
Weed Free	-	100	100	100	100	100	58.9	0	530
LSD(0.10)		2	8	9	7	10	5.3		48

Soybean Variety: Pioneer 91M92

Planting date: May 20

Pre application: May 21

4" Weeds applied 20-Jun

6" weeds applied 30-Jun