

2009 Soybean Herbicide Evaluation - Waseca
Giant ragweed site

Herbicide	Rate (Product/A)	Giant	Giant	Common	Yield (bu/A)	Cost ----(\$/A)----	Returns
		foxtail	ragweed	lambsquarters			
		-----(% control)-----					
<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'		97	86	93	35.0	63.54	273
Authority First / Raptor + Select + COC + 28%N	6.4 oz / 4 oz + 6 oz + 1% 2.5%	99	88	99	41.7	80.30	320
Gangster / Raptor + Select + COC + 28%N	3 oz / 4 oz + 6 oz + 1% 2.5%	98	81	99	38.7	70.86	300
<u>Preemergence/ POST II (6-inch weeds)</u>							
Authority First / Roundup Original Max + AMS	3.2 oz / 22 oz + 3 qt	96	93	89	39.9	48.55	335
Authority Asist / Roundup Original Max + AMS	5 oz / 22 oz + 3 qt	99	93	98	40.2	47.12	339
IntRRo / Roundup WeatherMax + AMS	4 pt / 22 oz + 3 qt	98	89	96	42.7	48.41	361
Gangster / Roundup Original Max + AMS	2.4 oz / 22 oz + 3 qt	99	89	99	43.7	49.08	371
Prefix / Touchdown Total + AMS	2 pt / 24 oz + 3 qt	98	87	97	42.2	47.47	357
Boundary / Touchdown Total + AMS	1.5 pt / 24 oz + 3 qt	97	86	99	41.5	44.84	353
V-10233 / Roundup Original Max + AMS	3 oz / 22 oz + 3 qt	98	92	98	45.7		
Valor SX + Python / Roundup Original Max + AMS	2 oz + 0.5 oz / 22 oz + 3 qt	97	94	96	41.9	51.56	351
Valor SX + IntRRo / Roundup Original Max + AMS	2 oz + 1 pt / 22 oz + 3 qt	97	88	88	43.7	48.52	371
Sonic / Durango + AMS	4.5 oz / 24 oz + 3 qt	98	99	99	44.4	52.28	374
Enlite / Roundup Original Max + AMS	2.8 oz / 22 oz + 3 qt	98	92	77	41.7	47.93	352
Enlite / Roundup Original Max + Harmony + AMS	2.8 oz / 22 oz + 0.125 oz + 3 qt	97	97	99	43.0	51.89	361
<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	96	45.1	47.58	386
Durango DMA + First Rate + AMS / Durango DMA + AMS	24 oz + 0.3 oz + 3 qt / 24 oz + 3 qt	99	99	99	41.0	44.85	349
Flexstar GT + AMS / Touchdown Total + AMS	3 pt + 3 qt / 24 oz + 3 qt	99	99	99	42.5	59.45	348
<u>POST II (6-inch weeds)</u>							
Classic + Harmony GT + Roundup Original Max + AMS	0.33 oz + 22 oz + 3 qt	96	92	99	39.8	31.70	351
Resource + Roundup Original Max + NIS + AMS	3 oz + 22 oz + 0.25% + 3 qt	97	91	98	42.3	34.20	372
Cadet + Roundup Original Max + NIS + AMS	0.6 oz + 22 oz + 0.25% + 3 qt	92	83	80	37.1	35.11	321
Roundup WeatherMax+AMS	22 oz + 3 qt	96	88	93	37.9	28.79	335
<u>Checks</u>							
Weedy Check	-	0	0	0	11.1	0.00	106
Weed Free	-	100	100	100	41.5	0.00	398
		LSD(0.10)	3	8	13	6.3	61

Soybean Variety: Pioneer 91Y90

Planting date: May 20

Pre application: May 21

4" Weeds applied 18-Jun

6" weeds applied 24-Jun