

2010 Soybean Herbicide Evaluation - Waseca
Giant Ragweed Site

Herbicide	Rate (Product/A)	girw	Yield	Returns
<u>Preemergence/ POST II (4-inch weeds)</u>				
Boundary / Flexstar + Fusion + Harmony SG + MSO + 28%	1.5 pt / 16 oz + 8 oz + 0.125 oz + 1% + 2.5%	75	35.0	275
Authority First / Flexstar + Select + COC + 28%N	6.4 oz / 16 oz + 6 oz + 1% 2.5%	88	39.1	315
Gangster / Raptor + Select + COC + 28%N	3 oz / 4 oz + 6 oz + 1% 2.5%	55	41.8	342
<u>Preemergence/ POST III (6-inch weeds)</u>				
Authority First / Roundup Original Max + AMS	3.2 oz / 22 oz + 3 qt	91	48.8	430
Authority Assist / Roundup Original Max + AMS	5 oz / 22 oz + 3 qt	75	46.7	412
Gangster / Roundup Original Max + AMS	2.4 oz / 22 oz + 3 qt	93	46.9	407
Prefix / Touchdown Total + AMS	2 pt / 24 oz + 3 qt	88	44.0	384
Boundary / Touchdown Total + AMS	1.5 pt / 24 oz + 3 qt	75	41.2	354
Fierce / Roundup Original Max + AMS	3 oz / 22 oz + 3 qt	87	40.6	
Valor SX / Roundup Original Max + AMS	2 oz / 22 oz + 3 qt	84	41.5	361
Optill / Roundup Original Max + AMS	2 oz / 22 oz + 3 qt	93	43.3	379
Sonic / Durango DMA + AMS	3 oz / 24 oz + 3 qt	92	43.2	376
Enlite / Abundit Extra + AMS	2.8 oz / 32 oz + 3 qt	92	41.4	357
Enlite / Abundit Extra + Harmony SG + AMS	2.8 oz / 32 oz + 0.125 oz + 3 qt	90	39.6	336
<u>POST I (2-4-inch weeds)</u>				
Warrant + Roundup WeatherMax + AMS	3 pt + 22 oz + 3 qt	78	40.1	357
<u>POST I (2-4-inch weeds)/POST III(Canopy)</u>				
Roundup WeatherMax + AMS /	22 oz + 3 qt /	98	39.1	341
Roundup WeatherMax + AMS	22 oz + 3 qt			
Durango DMA + First Rate + AMS /	24 oz + 0.3 oz + 3 qt /	99	44.4	382
Durango DMA + AMS	24 oz + 3 qt			
Flexstar GT + AMS /	3 pt + 3 qt /	99	42.0	357
Touchdown Total + AMS	24 oz + 3 qt			
Synchrony XP + Abundit Extra + AMS /	0.33 oz + 32 oz + 3 qt /	99	42.5	370
Abundit Extra + AMS	32 oz + 3 qt			
Roundup Original Max + Resource + NIS + AMS /	22 oz + 2 oz + 0.25% + 3 qt /	98	43.7	381
Roundup Original Max + AMS	22 oz 3 qt			
Roundup Original Max + Cadet + NIS + AMS /	22 oz + 0.5 oz + 0.25% + 3 qt /	99	40.9	352
Roundup Original Max + AMS	22 oz 3 qt			
<u>POST III (6-inch weeds)</u>				
Roundup WeatherMax+AMS	22 oz + 3 qt	80	45.1	415
<u>Checks</u>				
Weedy Check	-	0	5.7	56
Weed Free	-	100	41.7	406
	LSD(0.10)	15	7.0	68

Soybean Variety: Pioneer 91Y90

Planting date: May 20

Pre application: May 20

4" Weeds applied 17-Jun

6" weeds applied 24-Jun