

2010 Soybean Herbicide Evaluation - Waseca  
Common Cocklebur Site

Herbicide	Rate (Product/A)	gift	corw	cocb	colq	rrpw	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%	97	98	85	99	99	43.4	357
Authority First / Flexstar + Select + COC + 28%N	6.4 oz / 16 oz + 6 oz + 1% 2.5%	95	98	96	99	99	43.5	359
Gangster / Raptor + Select + COC + 28%N	3 oz / 4 oz + 6 oz + 1% 2.5%	98	70	71	98	81	45.1	374
<u>Preemergence/ POST III (6-inch weeds)</u>								
Authority First / Roundup Original Max + AMS	3.2 oz / 22 oz + 3 qt	98	95	97	99	99	44.5	389
Authority Assist / Roundup Original Max + AMS	5 oz / 22 oz + 3 qt	98	96	92	99	99	43.0	375
Gangster / Roundup Original Max + AMS	2.4 oz / 22 oz + 3 qt	98	98	95	99	99	43.4	372
Prefix / Touchdown Total + AMS	2 pt / 24 oz + 3 qt	99	99	99	99	99	51.2	454
Boundary / Touchdown Total + AMS	1.5 pt / 24 oz + 3 qt	99	99	99	99	99	45.3	394
Fierce / Roundup Original Max + AMS	3 oz / 22 oz + 3 qt	99	99	96	99	99	45.9	
Valor SX / Roundup Original Max + AMS	2 oz / 22 oz + 3 qt	99	99	99	99	99	44.3	389
Optill / Roundup Original Max + AMS	2 oz / 22 oz + 3 qt	99	99	99	99	99	43.4	380
Sonic / Durango DMA + AMS	3 oz / 24 oz + 3 qt	99	99	99	99	99	44.2	385
Enlite / Abundit Extra + AMS	2.8 oz / 32 oz + 3 qt	99	99	99	99	99	44.8	390
Enlite / Abundit Extra + Harmony SG + AMS	2.8 oz / 32 oz + 0.125 oz + 3 qt	99	99	99	99	99	40.8	348
<u>POST I (2-4-inch weeds)</u>								
Warrant + Roundup WeatherMax + AMS	3 pt + 22 oz + 3 qt	98	94	99	93	96	44.3	397
<u>POST I (2-4-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	43.8	386
Durango DMA + First Rate + AMS / Durango DMA + AMS	24 oz + 0.3 oz + 3 qt / 24 oz + 3 qt	99	99	99	99	99	41.6	354
Flexstar GT + AMS / Touchdown Total + AMS	3 pt + 3 qt / 24 oz + 3 qt	99	99	99	99	99	43.4	371
Synchrony XP + Abundit Extra + AMS / Abundit Extra + AMS	0.33 oz + 32 oz + 3 qt / 32 oz + 3 qt	99	99	99	99	99	43.6	381
Roundup Original Max + Resource + NIS + AMS / Roundup Original Max + AMS	22 oz + 2 oz+ 0.25% + 3 qt / 22 oz 3 qt	99	99	99	99	99	42.7	372
Roundup Original Max + Cadet + NIS + AMS / Roundup Original Max + AMS	22 oz+ 0.5 oz + 0.25% + 3 qt / 22 oz 3 qt	99	99	99	99	99	46.0	402
<u>POST III (6-inch weeds)</u>								
Roundup WeatherMax+AMS	22 oz + 3 qt	99	99	90	99	96	45.3	416
<u>Checks</u>								
Weedy Check	-	0	0	0	0	0	20.2	197
Weed Free	-	100	100	100	100	100	40.3	393
	LSD(0.10)	2	9	8	3	9	4.8	48

Soybean Variety: Pioneer 91Y90

Planting date: May 20

Pre application: May 20

4" Weeds applied            17-Jun

6" weeds applied            24-Jun