

2008 Soybean Herbicide Evaluation - Waseca

Common cocklebur site

Herbicide	Rate (pt/A)	Giant	Common	Common	Tall	Yield (bu/A)	Cost	Returns
		foxtail	cocklebur	ragweed	waterhemp			
		-----(% 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'		99	87	96	99	41.1	59.05	311
<u>Preemergence/ POST II (6-inch weeds)</u>								
Authority First / Roundup Original Max + AMS	3.2 oz / 22 oz + 3 qt	99	99	99	99	41.1	46.89	323
Authority Asist / Roundup Original Max + AMS	5 oz / 22 oz + 3 qt	99	99	96	99	41.3	46.21	325
IntRRo / Roundup WeatherMax + AMS	4 pt / 22 oz + 3 qt	99	99	99	99	49.6	47.71	399
Gangster / Roundup Original Max + AMS	2.4 oz / 22 oz + 3 qt	99	99	99	99	45.8	49.70	363
Prefix / Touchdown Total + AMS	2 pt / 24 oz + 3 qt	99	99	99	99	46.1	46.09	369
Boundary / Touchdown Total + AMS	1.5 pt / 24 oz + 3 qt	99	99	99	99	39.4	48.37	307
Valor SX / Roundup Original Max + AMS	2 oz / 22 oz + 3 qt	99	99	99	99	42.0	44.90	333
Valor SX + Python / Roundup Original Max + AMS	1.5 oz + 0.5 oz / 22 oz + 3 qt	99	99	99	99	42.4	47.28	335
Valor SX + Sencor / Roundup Original Max + AMS	1.75 oz + 4 oz / 22 oz + 3 qt	99	98	99	99	47.1	47.72	376
Sonic / Durango + AMS	4.5 oz / 24 oz + 3 qt	99	99	99	99	47.4	49.80	377
Enlite / Roundup PowerMax + AMS	2.8 oz / 22 oz + 3 qt	99	98	99	99	47.3	47.79	378
Enlite / Roundup PowerMax + Harmony + AMS	2.8 oz / 22 oz + 0.125 oz + 3 qt	99	99	99	99	44.7	50.29	352
<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	45.0	50.60	354
Durango DMA + First Rate + AMS / Durango DMA + AMS	24 oz + 0.3 oz + 3 qt / 24 oz + 3 qt	99	99	99	99	41.3	51.82	320
Touchdown Total + AMS / Touchdown Total + AMS	24 oz + 3 qt / 24 oz + 3 qt	99	99	99	99	42.0	48.57	329
<u>POST II (6-inch weeds)</u>								
Classic + Roundup PowerMax + AMS	0.33 oz / 22 oz + 3 qt	99	97	94	90	40.9	33.36	335
Harmony GT + Roundup PowerMax + AMS	0.5 oz + 22 oz + 3 qt	99	99	97	96	43.6	38.78	354
Harmony GT + Classic + Roundup PowerMax + AMS	0.5 oz + 0.33 oz + 22 oz + 3 qt	99	99	97	97	42.9	43.35	342
Resource + Roundup Original Max + NIS + AMS	2 oz + 22 oz + 0.25% + 3 qt	99	97	79	93	43.4	32.27	358
Cadet + Roundup Original Max + NIS + AMS	0.4 oz + 22 oz + 0.25% + 3 qt	99	99	81	80	46.4	32.99	385
Roundup WeatherMax+AMS	22 oz + 3 qt	99	99	89	93	48.1	30.30	403
<u>Checks</u>								
Weedy Check	-	0	0	0	0	19.6	0	176
Weed Free	-	100	100	100	100	45.2	0	407
		LSD(0.10)	1	2	4	6	6.8	61

Soybean Variety: Pioneer 91M92

Planting date: May 20

Pre application: May 21

4" Weeds applied 20-Jun

6" weeds applied 30-Jun