

2010 Soybean Herbicide Evaluation - Waseca  
Tall Waterhemp Site

Herbicide	Rate (Product/A)	gift	tawh	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%	90	87	41.8	340
Authority First / Flexstar + Select + COC + 28%N	6.4 oz / 16 oz + 6 oz + 1% 2.5%	84	99	44.5	367
Gangster / Raptor + Select + COC + 28%N	3 oz / 4 oz + 6 oz + 1% 2.5%	90	70	43.0	352
<u>Preemergence/ POST III (6-inch weeds)</u>					
Authority First / Roundup Original Max + AMS	3.2 oz / 22 oz + 3 qt	86	84	47.6	418
Authority Assist / Roundup Original Max + AMS	5 oz / 22 oz + 3 qt	84	82	47.3	416
Gangster / Roundup Original Max + AMS	2.4 oz / 22 oz + 3 qt	91	81	46.9	406
Prefix / Touchdown Total + AMS	2 pt / 24 oz + 3 qt	95	77	47.0	412
Boundary / Touchdown Total + AMS	1.5 pt / 24 oz + 3 qt	96	62	42.3	364
Fierce / Roundup Original Max + AMS	3 oz / 22 oz + 3 qt	96	94	47.1	
Valor SX / Roundup Original Max + AMS	2 oz / 22 oz + 3 qt	96	92	44.9	394
Optill / Roundup Original Max + AMS	2 oz / 22 oz + 3 qt	95	78	46.6	411
Sonic / Durango DMA + AMS	3 oz / 24 oz + 3 qt	94	95	45.2	395
Enlite / Abundit Extra + AMS	2.8 oz / 32 oz + 3 qt	98	96	49.9	440
Enlite / Abundit Extra + Harmony SG + AMS	2.8 oz / 32 oz + 0.125 oz + 3 qt	89	82	45.5	392
<u>POST I (2-4-inch weeds)</u>					
Warrant + Roundup WeatherMax + AMS	3 pt + 22 oz + 3 qt	97	93	49.4	447
<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	98	99	47.9	426
Durango DMA + First Rate + AMS / Durango DMA + AMS	24 oz + 0.3 oz + 3 qt / 24 oz + 3 qt	99	99	49.9	436
Flexstar GT + AMS / Touchdown Total + AMS	3 pt + 3 qt / 24 oz + 3 qt	99	99	48.5	420
Synchrony XP + Abundit Extra + AMS / Abundit Extra + AMS	0.33 oz + 32 oz + 3 qt / 32 oz + 3 qt	99	99	47.2	415
Roundup Original Max + Resource + NIS + AMS / Roundup Original Max + AMS	22 oz + 2 oz+ 0.25% + 3 qt / 22 oz 3 qt	99	99	47.9	422
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	49.0	431
<u>POST III (6-inch weeds)</u>					
Roundup WeatherMax+AMS	22 oz + 3 qt	99	97	48.2	445
<u>Checks</u>					
Weedy Check	-	0	0	21.9	214
Weed Free	-	100	100	51.7	504
	LSD(0.10)	15	22	7.2	60

Soybean Variety: Pioneer 91Y90

Planting date: May 20

Pre application: May 20

4" Weeds applied            17-Jun

6" weeds applied            24-Jun