

2012 Soybean Herbicide Evaluation
Average Across Sites: Rochester (1 site), Lamberton (1 site), and Waseca (3 sites)

Herbicide	Rate	3	4	2	2	2	2	2	5	5	
Preemergence/ POST II (4-inch weeds)	(Product/A)	gift	colq	rrpw	corw	cocb	girw	vele	yield	Returns	SE
1 Authority First / Roundup PowerMax + AMS	6.4 oz / 22 oz + 3 qt	99	99	99	99	99	99	97	50.4	692	24
2 Authority Assist / Roundup PowerMax + AMS	9 oz / 22 oz + 3 qt	99	99	99	99	99	96	99	49.6	667	25
3 Prefix / Touchdown Total + AMS	2 pt / 24 oz + 3 qt	99	99	99	96	99	97	97	48.8	684	22
4 Boundary / Touchdown Total + AMS	1.5 pt / 24 oz + 3 qt	99	99	99	99	99	98	99	50.3	706	29
5 Boundary / Flexstar GT 3.5 + MSO + AMS	1.5 pt / 24 oz + 3 qt	99	99	99	97	99	98	99	50.5	695	26
6 Fierce / Roundup PowerMax + AMS	3 oz / 22 oz + 3 qt	99	99	99	99	99	97	99	52.9		
7 Valor SX / Roundup PowerMax + AMS	2 oz / 22 oz + 3 qt	98	99	99	99	99	96	99	50.4	705	27
8 Fierce + Classic / Roundup PowerMax + AMS	3 oz + .33 oz / 22 oz + 3 qt	99	99	99	99	99	98	99	51.3		
9 Optill Pro / Roundup PowerMax + NIS + AMS	10 oz / 22 oz + .25% + 3 qt	99	99	99	99	99	96	99	52.4	725	21
10 Verdict + Outlook / Roundup PowerMax + NIS + AMS	5 oz + 10 oz / 22 oz + 0 .25% + 3 qt	99	99	99	99	99	97	99	51.2	710	23
11 Zidua + Verdict / Roundup PowerMax + NIS + AMS	2 oz + 5 oz / 22 oz + 0 .25% + 3 qt	99	99	99	97	99	97	99	50.2		
12 Sonic / Durango DMA + AMS	3 oz / 24 oz + 3 qt	97	99	96	94	99	98	96	49.6	696	19
13 Enlite / Abundit S + AMS	2.8 oz / 32 oz + 3 qt	99	99	99	99	99	96	99	49.8	697	24
14 Enlite / Abundit S + Harmony SG + AMS	2.8 oz / 32 oz + 0.125 oz + 3 qt	99	99	99	99	99	97	99	49.2	685	33
15 Warrant / Roundup WeatherMax + AMS	3 pt + 22 oz + 3 qt	99	99	99	99	99	96	99	48.6	682	26
<u>Preemergence/ POST I (2-inch weeds)</u>											
16 Valor SX / Warrant + Roundup PowerMax + AMS	2 oz / 3 pt + 22 oz + 3 qt	99	96	99	97	99	93	99	52.1	717	25
<u>POST I (2-inch weeds)</u>											
17 F 9324 + Roundup PowerMax + NIS + AMS	7 oz + 22 oz + 0.25% + 3 qt	95	92	94	99	99	88	96	46.8		M
<u>POST I (2-inch weeds)/POST III(Canopy)</u>											
18 Roundup WeatherMax + AMS / Roundup WeatherMax + AMS	22 oz + 3 qt / 22 oz + 3 qt	99	99	99	99	99	98	99	50.5	712	29
19 Durango DMA + First Rate + AMS / Durango DMA + AMS	24 oz + 0.3 oz + 3 qt / 24 oz + 3 qt	99	99	99	99	99	97	99	49.6	688	24
20 Flexstar GT 3.5 + MSO + AMS / Touchdown Total + AMS	3.5 pt + 0.5% + 3 qt / 24 oz + 3 qt	99	99	99	99	99	98	99	51.8	719	31
21 Synchrony + Abundit S + AMS / Abundit S + AMS	0.375 oz + 32 oz + 3 qt / 32 oz + 3 qt	99	99	96	94	99	98	99	49.5	696	27
22 Roundup PowerMax + Cobra + COC + AMS / Roundup PowerMax + AMS	22 oz + 12.5 oz + 1 pt + 3 qt / 22 oz 3 qt	99	99	99	99	99	98	99	47.3	647	25
<u>Checks</u>											
23 Weedy Check	-	0	0	0	0	0	0	0	22.6	338	52
24 Weed Free	-	100	100	100	100	100	100	100	51.7	775	28
		LSD(0.10)	1	1	3	4	1	2	2	2.7	41

Returns calculated on \$15 soybean and retail prices for seed, herbicide and application

2012 Soy W/O Checks All Locations

