

**Western Illinois University
School of Agriculture
2010 Soybean Variety Trials-Yield Summary**

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Variety	Group	Company/ Source	Conventional WIU Site Planted 6/11 Yield (Bu/A)	Alpha = 0.05	Rank	Stature Score	Rank
38C9	3.8	Blue River Hybrids	51.5	a	1	6.7	11
289.TC	2.8	eMerge/ Schillinger Seed	51.2	ab	2	6.7	12
29AR9	2.9	Blue River Hybrids	50.0	abc	3	7.0	8
389F.YC	3.8	eMerge/ Schillinger Seed	47.8	abcd	4	5.3	

	3.2	Blue River Hybrids	45.8	abcde	7	8.3	3
30A7	3.0	Blue River Hybrids	45.6	abcde	8	8.7	2
35AO cnv	3.5	Blue River Hybrids	45.4	abcde	9	5.7	16
298F.Y	2.9	eMerge/ Schillinger Seed	44.9	abcde	10	7.3	5

Research Site Description

Conventional Site

The WIU research farm is located ~ 2 miles north of Macomb in McDonough Co, IL. The variety trial was located in block 1, which is mapped as Tama silt loam (3% sand, 75% silt, 22% clay). Soil test results from 2010 suggest that fertility levels (310 lbs K/ac, 54 lbs P/ac, pH = 6.4, % OM = 2.2% and CEC. = 16.5 centimols/kg) were adequate for good crop yields.

The trial was arranged as a completely