



2016 Marshall County Wheat Plot

The 2016 Marshall County wheat crop is harvested and so is the Marshall County Wheat Plot.

The County Wheat Plot was planted on cooperators', Dan and Alex Matson, field near Centralia on October 18, 2015. The wheat was drilled into soybean stubble left by last year's soybean crop at the rate of 120#/acre of seed. This wheat demonstration plot had 15 wheat varieties and blends from K-State and private seed companies.

Fertilizer was applied at planting as well as topdressed. The fall starter consisted of 120#/ac 11-52-0, 100#/ac potash, 30#/ac 0-0-60 potash, and 3#/ac of zinc. In February 60#/ac of 28% nitrogen and 1/5 oz Gleen was applied. We harvested the plot on June 25, 2016.

The wheat plot averaged 67.47 bushels per acre. Limagrain Cereal Seeds T-158 was the top yielder, followed by Ruetti Blend M-L3 (check) and Westbred Grainfield respectively.

The results of the 2016 Marshall County Wheat Plot are in the table below.

In analyzing this table, the columns that will interest most people will be the test weight column, moisture percentage column, and bushels per acre column. There is no adjusted for field variation bu/acre because the last check was removed due to a line going through the field so I cannot account for different soil types or other similar factors. Please keep this in mind when looking at the yields. There is a percentage based on the average column that producers can also find useful.

We must be careful when comparing yields because the Marshall County Wheat Demonstration Plot is not a replicated plot like at K-State's many experiment fields and stations. Due to the plot not being replicated I cannot publish AgriPro's yield. However, I think this information will give producers an idea of how these varieties performed in Marshall County, and which varieties to watch for in the Wheat Performance Yield Books, which will be in the Extension Office in August.

I would like to thank everyone who donated seed and to the cooperators' who hosted the wheat plot.

For more information contact the Marshall County Extension Office (782) 562-3531;
or email anastasia@ksu.edu. **2016 Marshall County Wheat Plot Results**

Cooperators: The Matson Family Harvested: June 23, 2016

Brand	Maturity*	Moisture Percentage	Test Weight lbs/acre	Actual Yield bu/acre	Percentage based on average
Check: Ruetti Blend M-L3	M-L	13.5	60.6	74.41	110.29%
LCS T-158	M	11.2	59.9	77.21	114.44%
WB Grainfield	M-L	11.7	60.9	73.78	109.36%
KWA KanMark	M	11.6	60.4	64.19	95.14%
LCS Pistol	M-E	11.0	59.6	68.60	101.69%
KWA Everest	E	11.0	61.8	61.88	91.72%
SY Flint	M-E	11.5	60.5	--	104.96%
Check: Ruetti Blend M-L3	M-L	13.4	60.3	70.36	104.29%
WB Cedar	E	13.4	61.6	67.02	99.34%
LCS Mint	M	12.8	60.2	63.18	93.65%
Ruetti Seed Service Early Blend	E	11.1	61.1	67.70	100.35%
KWA 1863	M	11.0	61.9	71.35	105.75%
LCS Wizard	M	10.7	61.9	58.78	87.13%
WB Armour	M	10.2	55.9	55.24	81.88%
Check: Ruetti Blend M-L3	M-L	NA	NA	NA	NA

Average

11.72

60.47

67.47

* E-Early, M-Medium, L-Late