

K-State Cheyenne County Wheat Demonstration Plot Results

Cooperators: Sunny Crest Farms

Planted: September 24, 2008

Harvested: July 9, 2009

Planting Rate: 55

Rotation: Wheat

Variety Plots	Yield (bu/A)	Test Weight (lbs/bu)	
Armour	86.6	60.8	
Aspen	84.6	59.9	
Winterhawk	83.1	62.7	
Smokey Hill	79.3	62	
TAM 112	77.2	62.4	
Keota	75.3	61.7	
T-140	73.8	60.5	
Santa Fe	73.7	60.1	
TAM 111	73.7	62.4	
T-81	73.4	61	
Hawken	72.4	60.6	
Bill Brown	72.3	61.1	
Jagger	71.9	60.5	
Fuller	71.7	61.4	
Danby	69.5	62.1	
Overley	68.6	60.6	
Hatcher	67.9	60.6	
Post Rock	66.5	61.6	
Ripper	57.4	59.2	
Turkey Red	46.1	60.7	
Jagalene *plot error	39.9	62.1	
Average	70.7	61.1	
Seed Treatment Study			
Fuller +	Dividend Extreme	80.5	61.8
Fuller +	Dividend Extreme	81.9	61.5
Fuller +	Dividend Extreme	76.6	61.6
Average*		79.7	61.6
Fuller +	Jumpstart	79.0	61.6
Fuller +	Jumpstart	78.5	61.7
Fuller +	Jumpstart	77.8	61.5
Average*		78.4	61.6
Fuller	No Seed Treatment	86.3	61.6
Fuller	No Seed Treatment	81.7	60.7
Fuller	No Seed Treatment	79.8	61.8
Average*		80.7	61.3

* This data is preliminary. Yield differences are likely so small, that a benefit or loss determined with a high level of confidence from this data. This study will be repeated.

Fungicide Study

TAM 112 +	Quadris	92.8	63
TAM 112 +	No Treatment	85.5	62.1
TAM 112 +	Tilt	82.3	62.5
TAM 112 +	Quilt	81.9	63

Quadris is a preventative fungicide. Leaf rust was not present on the leaves at treat
The infection took place later in the season, so the Quadris prevented a full-blown

5 lbs/ac
t/Fallow

Protein (%)
11.3
11.6
10.9
11.8
11.5
11.7
11.9
11.9
11.5
11.8
11.8
11.5
11.9
12.4
11.7
12.1
11.4
12.3
12.1
12.6
11.4
11.8
12.6
12.5
12.3
12.5
12.4
12.7
12.3
12.5
12.5
12.4
12.5
12.5

Loss can not be
recovered next year.

11.5

11.5

11.8

12

atment.

n infection.