

K-State reports results from county wheat plot

The Cheyenne County wheat plot was planted Sept. 27 and harvested July 7, several weeks after the Wheat Plot Field Day on June 20.

Jeanne Falk, K-State multi-county agronomist, reported the top yielding varieties for the K-State county wheat plot were Post Rock and Fuller, with 77 and 71 bushels per acre, respectively. Post Rock is a new AgriPro variety and Fuller is a new release from the K-State wheat breeding program at Manhattan.

Post Rock is resistant to leaf rust, which was present in fields this year. It also has good yield potential. In addition, Fuller has Jagger in its parentage, but is less likely to shatter than Jagger. It is also resistant to leaf rust. The built-in leaf rust resistance helped these two varieties win the plot this year.

To finish out the top five yielding varieties, there was Jagger, Hatcher and Smokey Hill with 68, 67, and 67 bushels per acre, respectively.

Jagger has been a widely grown variety in the past and is still present on a number of acres. Hatcher is a recent release from the Colorado State Breeding program. It has good drought tolerance and good yield potential. It also has some tolerance to stripe rust. Smokey Hill is also a new release from the WestBred breeding program. It also has stripe and some leaf rust resistance. It has high yield potential and good protein content. The plot average for the varieties was 63.5 bushels per acre.

The test weight ranged from 60.7 to 55.6 pounds per bushel. Lower than 60 pound test weight was likely due to a couple of days with high temperatures and hot, gusty winds. It is hard for flag leaves on wheat that are already stressed from leaf rust to withstand these conditions. Therefore, with the flag leaf severely damaged, the finishing fill on the individual berries was affected. Shriveled berries and lower test weights were the result of this stress.



In the no-till vs conventional tillage plots, there was T-81, TAM 111 and RonL. For each variety, the conventional tillage out yielded that same variety in the no-till system. The nutrient management and planting rate were the same for all plots. According to K-State guidelines, no-till wheat needs an additional 20 pounds of nitrogen to aid in the breakdown of residue and a higher seeding rate to establish the necessary plant population.

Those who have any questions about these results or wheat varieties for the upcoming year, please contact Ms. Falk. In addition, samples from the plots along with the plot results will be at the fair, Aug. 2-4, for you to take a look at.

Cheyenne County

Cooperators: Sunny Crest Farms

Planted: September 29, 2007

Harvested: July 7, 2007

Planting Rate: 60 lb/ac

Crop Rotation: Wheat/Fallow

Variety	Yield	Test Weight	Moisture	Protein
Red Wheat				
Post Rock	77.4	60.7	7.9	13.1
Fuller	70.8	57.4	7.9	13.4
Jagger	68.2	56.7	7.7	13.2
Hatcher	66.9	58.3	8.1	12
Smokey Hill	66.9	57.3	7.5	13.8
TAM 112	66.3	57.2	7.6	12.6
Keota	65.6	59.3	8	12.6
Santa Fe	65.3	58.2	7.8	14.1
Millenium	62.8	60.1	8	12.6
T81	62.5	57.6	7.7	12.7
TAM 111	62.0	56.9	7.8	13
Cutter	61.8	58.6	8	12.9
Stanton	61.6	57.8	7.7	12.8
Jagalene	61.4	58.4	7.9	12.8
Wesley	58.1	56.2	7.2	14.1
Red Wheat - Clearfield Wheat*				
Above	61.8	55.6	7.4	12.7
Infinity	57.5	57.2	7.5	13.8
White Wheat				
Danby	61.0	56.5	7.8	13.4
NuHills	57.4	58.7	8.3	13
RonL	55.6	55.8	7.4	13.6
Plot Average	63.5	57.7	7.8	13.1

*Clearfield Wheat can be sprayed, postemergence with Beyond herbicide.

This is useful on fields with grassy weed problems, such as jointed goatgrass.

No-Till Wheat vs. Conventional Tillage Wheat*

Variety	Yield	Test Weight	Moisture	Protein	Tillage
T-81	62.5	57.6	7.7	12.7	Conventional
TAM 111	62.0	56.9	7.8	13	Conventional
TAM 111	57.4	55.8	7.6	13.6	No-till
RonL	56.1	55.9	7.5	13.8	No-till
RonL	55.6	55.8	7.4	13.6	Conventional
T-81	54.1	55.6	7.6	14.2	No-till

* This test was for demonstration purposes. This data is only one site for one year. During the past two years of testing, conventional tillage wheat has out yielded the no-till wheat at this site, regardless of wheat variety. **K-State Wheat Plot Yields**

Many activities planned for Saturday at the fair



By Karen Krien

Saturday marks the last day of the fair but also a day packed full of fair activities.

The day will start with the parade at 10 a.m. beginning at the east end of St. Francis' Main Street. A separate parade article is printed elsewhere in this issue.

Mud volleyball action begins at noon. Tina and Kirby Elliott are in charge of the games. They reported that the teams are filling fast. The mud volleyball games are held at the two courts just west of the baseball diamond at the fairgrounds. Mrs.

Elliott advises that anyone playing should plan to wear protective coverings on their feet as there are sand-burs.

At 12:30 the open class pet show will start in the small show arena at the fairgrounds. This show has grown from just a few pets to a large, interesting show. Classes will be formed as the pets are entered.

The home-owned carnival will start the engines at 4 p.m. for the last night of rides for another year. They will shut down at midnight.

The barbecue, prepared and served by the Knights of Columbus

members, will start at 4:30 and last until 6 p.m. Barbecued beef sandwiches, plus baked beans, potato chips and iced tea will be served and Western Kansas Farm Credit will have watermelon. The all-you-can-eat meal is a free-will offering but the Knights are suggesting a donation of \$5 per person. Proceeds will be used by the Knights for community projects in both Bird City and St. Francis.

The demolition derby and four-wheel all-terrain vehicle (ATV) mud bog contest will start at 7 p.m. in front of the grandstand.

Association announces schedule

Western Plains Arts Association has announced the events scheduled for the 2007-08 season.

Once again, the association's standard exhibits excellence in culture and entertainment. The variety of programming ranges from children's theatre to classical music and includes at least 16 public concerts and 13 educational workshops and programs for area schools. A season-ticket holder can attend all those shows for less than a single ticket would cost elsewhere; a child

or high school student can see them all for a total of \$15.

A few of the highlights of this year's arts season will be *Riders in the Sky*, a Western singing group/ *Blue and Gray Brass Brigade*, a Civil War-era ensemble; *Michael Cooper, the Masked Marvel*, who does a family show using masks; *The Duttons*, who tour from Branson; a harp trio and several others. The annual Christmas event will feature *Table for 5*, a refreshing vocal group.

To keep updated on upcoming programs, visit www.wpaa.us. Several area businesses and most schools help sponsor events, and sometimes have extra tickets available, if you'd like to "try before you buy."

Western Plains is a non-profit organization whose mission is to promote cultural arts and education in northwest Kansas as a public service. Board members serve as volunteers and receive no compensation for their time or for ticket sales. For more information contact Althea LeBow.

McDonald News By Vera Kacirek

Open house

A send-off open house is being held for Owen and Sara Walker, who will be stationed in England for three years. The party will be held from 3 to 5 p.m. Saturday at the Federated Church Educational Building in McDonald. You are welcome to attend.

This past week was a busy one for the Connells of the Frosty Mug. On Tuesday Sally Lankas was the guest of Patty Wolters for a surprise birthday supper. Other guests were Sheila Lankas, Roxie Braxmeyer and Lynette Kanak.

Customers from as far as Alden, N.Y., ate at the cafe and signed the guest register. They were Ralph

and Dawn Sharpe.

The Connell family enjoyed the Rawlins County Fair, attending many of the events. Rick and Earla attended their first livestock auction, buying a hog from C.J. Antholz. Their breakfast and noon specials will include a lot of pork.

Bill and Deborah Sarland of St. Francis and daughter, Kelly were guests of Nicole Connell at the parade and auction.

Karlyne Atchison and Amelia Banister were Friday visitors of Marie Holzwarth in St. Francis. They also attended the quilt show in Goodland.

Kenny and Phyllis Wilkinson accompanied Sue Heinbigner to Denver over the weekend where they

visited Larry and Mary Fahrenbruch. Mary is out of the hospital and is living with her daughter while continuing her medical treatments. They also visited Delbert and Beverly Schilz. Enroute home they visited Kenny and Bonnie Lyons in Yuma, Colo.

Nancy, Dave and Alan Pallozzi of Lakewood, Colo., were weekend visitors of Iris McIntosh. They all attended the Tri-Quilt Show in Goodland on Saturday. Myra Miller also accompanied them to the quilt show.

Earla and Nicole Connell spent Aug. 1, 2 and 3 in Denver to do some shopping. They were guests of Nancy Pallozzi.

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To apply or for more information, contact Casey McCormick or Karen Krien at the St. Francis Herald, 785-332-3162 or stop by the office at 310 W. Washington, St. Francis.