



# TEXAS COUNTY AG NEWSLETTER

December 2007 <http://countyext.okstate.edu/texas>



## 2008 OSU WHEAT PLOTS HOOKER, OK



**Thank you to Dan Herald for allowing OSU to put this years wheat plots on his farm. The physical location is west half of SW<sup>1</sup>/<sub>4</sub> of 18-5-18, which is about 2<sup>1</sup>/<sub>2</sub> miles North-east of Hooker on Hwy 54, then west across the railroad track and back North approximately <sup>1</sup>/<sub>4</sub> mile.**

### HOOKER HARD WINTER WHEAT VARIETY TRIAL 2007-2008 COOPERATOR: DAN HERALD

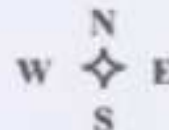
16	4	11	25	5	22	7	10	6	34	21	24	
401	402	403	404	405	406	407	408	409	410	411	412	413

21	16	7	22	34	10	4	24	12	25	5	11	6
301	302	303	304	305	306	307	308	309	310	311	312	313

25	11	24	4	12	7	22	6	34	10	16	21	5
201	202	203	204	205	206	207	208	209	210	211	212	213

4	5	6	7	10	11	12	16	21	22	24	25	34
101	102	103	104	105	106	107	108	109	110	111	112	113

PLANTED: 9-28-07 (Dusted in)  
 FERTILIZATION: 5 Gal/Ac 10-34-0  
 Soil test information: pH = 6.0, N = 90, P = 900, K = 900.  
 60# seeding rate.



4 - FULLER  
 5 - JAGGER  
 6 - JAGALENE  
 7 - OK BULLET  
 10 - DELIVER

11 - ENDURANCE  
 12 - DUSTER  
 16 - TAM 111  
 21 - TAM 112  
 22 - DANBY

24 - GUYMON  
 25 - N02Y5117  
 34 - STARS 0601W

# GREAT WESTERN FEEDOUT

The *Great Western Feedout* is a producer information feedback program that allows cattle producers the opportunity to evaluate the genetic merit of the calves they produce for feedlot performance and carcass value following weaning and a winter stocker program. We will begin the 2008 *Great Western Feedout* on February 20, 2008 at the Cattleman's Choice Feedyard near Gage, OK, with the entry forms due on January 18, 2008. There are, of course, many similarities between the 'Feedout' programs but there are three significant parts of the *Great Western Feedout* that are different from the *Oklahoma Steer Feedout*.

First difference, all steers must be approved through the CattleLOG™ Age & Source Verification Program prior to delivery at the feedyard. Approved CattleLOG™ Auditors from Cattleman's Choice Feedyard or the OSU Cooperative Extension Service will conduct an on-site ranch audit prior to delivery. Producers will be supplied with EID tags after they have enrolled their cattle. The EID tags will need to be attached to the steer's ear prior to ranch audit and approval. This change provides an excellent educational opportunity for everyone to become more knowledgeable regarding age and source verification programs and also insures that the steers are linked to the cow herd of origin to best utilize the *Feedout* as a genetic evaluation.

Second, the timeline of this test allows the feedlot phase to follow a winter stocker program. The wintering program can have a high gain potential, such as wheat pasture or a dry-lot feeding program, or it can be a low-gain holding program. This allows steers to go on-feed when they are older and at a heavier weight which is currently more typical in

beef industry. Given the increased cost of feed grains, providing genetic evaluation along this management schedule appears to be in demand and can provide information to beef producers that can assist them in determining the value of their genetic and management program.

Third, the *GWF* will be conducted at Cattleman's Choice Feedyard near Gage, OK. Dale Moore is the owner/manager and has been excellent to work with. Dale specializes in small group feeding and has worked to retrieve carcass data for his customers. In addition, there are other changes in format from the *OK Steer Feedout*; any head-count over 5 is allowed, steers will be marketed individually instead of by producer group, and other minor changes. We hope these changes will expand producer participation.

Obviously, given the location of the feedyard and timetable of the *GWF* test, many of the participants will be from western Oklahoma, however, we want each of you to know that anyone is welcome to participate. We also expect to obtain entries from Texas and Kansas.

We are excited about this new *Feedout* program. We hope that by offering a new program we will expand the number of producers that take the opportunity to learn more about the calves they are producing. Again, the *OK Steer Feedout* will continue to function as usual, providing producers the opportunity to put a set of calves on feed following weaning. The *Great Western Feedout* is a companion program that provides interested producers the chance to receive post-weaning data under a slightly different feedlot entry schedule.

## **BOVINE RESPIRATORY DISEASE IN FEEDLOT CATTLE VS. FEEDLOT AND CARCASS TRAITS**

By Britt Hicks, OSU Area Extension Livestock Specialist

Bovine respiratory disease (BRD) is the most common and costly beef cattle disease in the United States. Recent research showed that the economic loss associated with lower gains and treatment cost for BRD infection in a 1,000 head feedlot was \$13.90 per animal, not including labor and associated handling costs. Recently published research from the U.S. Meat Animal Research Center in Clay Center, NE evaluated whether selection for disease resistance is a viable means of preventing or reducing economic losses associated with BRD. These researchers analyzed health records on 18,112 feedlot cattle over a 15-yr period and slaughter data on 1,627

steers over a 4-yr period to estimate the phenotypic and genetic correlations of BRD with growth, carcass, and meat palatability traits. The estimated heritability of BRD incidence was low at 0.08 suggesting that genetic selection for reduced BRD incidence would be slow at best. In contrast, heritability estimates for carcass traits were moderate to high, ranging from 0.26 to 0.68. Heritability estimates for palatability traits (WBSF, tenderness and juiciness scores) were moderate ranging from 0.23 to 0.31. Most genetic correlations of BRD with performance, carcass and palatability traits were low or negligible. These low correlations suggest that selection to reduce BRD in feedlot cattle would have negligible effects on growth, carcass, and palatability traits. Thus, selection to reduce BRD would have minor economic consequences on production traits or product quality.

Source: Beef Cattle Research Update, November 2007

**OPSU 56TH ANNUAL BEEF  
BULL PERFORMANCE TEST  
RESULTS ARE PUBLISHED.**

**OPSU BULL TEST SALE  
FEBRUARY 25, 2008**

**FOR MORE INFO CONTACT DR.  
JERRY MARTIN  
(580) 349-1500**

**2008 TEXAS COUNTY  
AG APPRECIATION DAY**

**JANUARY 16 - POLITICAL FORUM@  
JIM DRAPER'S FARM**

**JANUARY 17 - AG DAY FESTIVITIES @  
TEXAS COUNTY ACTIVITY CENTER**

**(MORE INFO TO COME LATER)**

**OKLAHOMA NO-TILL CONFERENCE  
FEBRUARY 11 & 12, 2008**

**CLARION HOTEL  
737 S MERIDIAN  
OKLAHOMA CITY, OK**

**STOP BY OSU EXTENSION OFFICE FOR  
REGISTRATION FORMS**



The Extension Service  
office will be closed  
from  
December 24, 2007 thru  
January 1, 2008 for the  
holidays.

HAPPY HOLIDAYS!  
(I HOPE!!!!)



Steve Kraich, Ag/4-H Educator  
Texas County OSU Extension Service

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