



The Sheaf

Calendar:

- August 21, WY Wheat Marketing Commission Meeting, Cheyenne
- November 9-11, Wyoming Farm Bureau Federation Annual Meeting, Casper
- November, Wyoming Wheat Growers Annual Meeting
- November 13-17, Wyoming Association of Conservation Districts Annual Meeting, Rock Springs
- November 17-19, Rocky Mountain Farmers Union Annual Meeting, Denver, Colorado
- December 5 - 8, Wyoming Stock Growers Association and Wyoming Wool Growers Association Joint Winter Convention, Casper

Newsletter of the Wyoming Wheat Commission

Volume 2, Issue 2

2006 Wyoming Wheat Test Plot Results

Torrington, WY— Dr. Jim Krall, University of Wyoming Professor of Plant Sciences, has announced the results of the 2006 winter wheat trials. Tabular results are presented in the following five pages. Of interest to dryland operations is that 'Goodstreak' yielded lower than 'Buckskin', at all three dryland trials, although the difference in yield was never greater than the 'Difference required for significance' (DRS). The Commission is planning to have milling and baking tests conducted on Goodstreak and Buckskin, to see if there are any significant differences in end use quality. Also note the presence of blends in the irrigated trials. In these trials, three complementary varieties were blended. As in the past, these blends outperform the simple averages of the three varieties when planted alone. The practice of blending is gaining wider adoption, even in dryland systems.

Other items of interest are the increasing competitiveness of yields from Hard White Winter wheats. NuFrontier was the highest yielding variety this year in the Laramie County irrigated trial, while NuDakota and NuPlains were second and third highest yielding in the Goshen County irrigated trial; all three of these winter varieties are white wheats. White wheats are denoted in the tables by a (W) following the varietal name; CL follows the name of Clearfield® wheat varieties.

The dryland trial at Stateline (Hawk Springs) was not harvested due to hail. Growers are encouraged to use trial results from more than one year of data. Please contact your local seed grower, or the Wyoming Crop Improvement Association (<http://www.wyseedcert.com/list.htm>), regarding varietal availability. Results from this year and previous years can be found at the University of Wyoming Department of Plant Sciences website at <http://www.uwyo.edu/plants/key.htm>.

Update on Wheat Commission Activities

Inside this issue:

- Goshen County Irrigated Variety Test 2
- Laramie County Irrigated Variety Test 3
- Platte County Dryland Variety Trial 4
- Laramie County Dryland Variety Trial 5
- Sheridan County Dryland Variety Trial 6

The Wyoming Wheat Marketing Commission is conducting quality testing on Wyoming's winter wheat crop. Six samples have been taken thus far from southeastern Wyoming; an additional sample will be taken in north-eastern Wyoming this year. As before, the testing is being conducted by Plains Grains, Inc.; two additional states, Montana and South Dakota have joined in this testing effort in 2006. We will be presenting the aggregate results at the Grower's Convention. Domestic and export buyers will have access to this data to determine availability and location of wheat for their specific needs.

The Commission has recently begun an effort to collect assessments from out-of-state handlers. If any Wyoming grower has been double assessed (assessed by two states), please let us know. We will make every effort to correct this inequity. This matter will be one of the topics of discussion at the upcoming Commission meeting, August 21, 10:00 am, at the Wyoming Dept. of Ag. Conference room, Cheyenne.

There are variety trial results available from several other states on the internet, among them are: Colorado http://www.colostate.edu/Depts/SoilCrop/extension/CropVar/Wheat/2006/Wheat_Report_HPJ_final.pdf Nebraska <http://www.nebraskawheat.com/images/E0109001/wheatbk05.pdf> We are also encouraged that there are two new releases of Hard White Winter this fall, Wendy, from South Dakota, and Danby, from Kansas.

If you have questions or concerns regarding the Wyoming Wheat Commission, please contact Keith Kennedy at 307-547-3712, or email him at kkennedy@agrimind.com.

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Goshen County Irrigated Winter Wheat Trial 2006

<i>Entry</i>	<i>Yield (bu/A)</i>	<i>Bushe/Wt (lb/bu)</i>	<i>Height (in)</i>	<i>Heading (days from 1 Jan)</i>
NI04421	103.6	61.3	24	149
NuDakota(W)	99.6	60.0	23	149
Nuplains (W)	99.1	61.6	24	150
TAM 111	99.1	62.2	26	148
Bond CL	98.9	60.5	25	147
Halt	98.4	60.5	24	147
Jagalene	97.5	61.0	24	148
NI04430	95.4	59.1	24	148
Blend #10	95.2	61.0	23	148
NE01422	94.0	59.3	23	150
Wesley T-22	93.8	60.1	23	148
2137	92.9	60.3	24	149
Blend #8	92.2	61.8	23	150
NI02425	92.0	58.5	26	148
NuFrontier (W)	91.9	60.6	24	148
NuGrain(W)	91.7	62.1	21	148
NW98S097(W)	91.5	60.9	20	150
Wesley	91.2	60.2	22	148
Blend #3	90.9	60.1	25	149
Blend #9	90.4	62.1	22	149
Hatcher	90.0	60.8	25	148
Infinity CL	89.7	60.2	27	148
NE02528	89.6	60.8	24	148
N02Y5117	89.4	60.3	22	149
2145	88.9	58.6	22	148
Blend #4	87.5	59.1	24	148
Blend #7	86.6	60.5	23	148
Wahoo	86.5	59.2	24	148
NI04428	86.3	61.3	23	148
Blend #2	85.7	59.4	25	148
NE01604	85.4	60.5	26	146
Blend #6	84.6	59.8	25	148
Millennium	84.3	60.3	26	148
PostRock	83.9	59.8	23	147
NE01643	82.5	60.1	26	148
Blend #1	82.1	60.0	25	148
NE01481	80.3	59.7	25	148
Alliance	79.7	60.1	25	147
N02Y5078	77.7	60.0	23	148
Antelope(W)	77.5	61.2	25	148
NE02584	76.1	61.3	23	149
NE02513	72.4	60.9	23	147
N03Y2016	70.6	59.7	21	149
Average	88.8	60.4	24	148
DRS .05	15.4	1.4	2	1

(W) Hard White Winter Wheat

Laramie County Wyoming Irrigated Winter Wheat Trial - 2006

<i>Entry</i>	<i>Yield (bu/A)</i>	<i>Bushe/Wt (lb/bu)</i>	<i>Height (in)</i>	<i>Heading (days from 1 Jan)</i>
NuFrontier (W)	106.4	58.2	23	153
NI04421	103.9	59.3	22	151
Wahoo	103.3	58.6	23	151
NE01422	102.6	58.6	22	155
TAM 111	101.6	61.2	23	153
Blend #4	100.4	58.4	21	152
NI02425	100.2	58.3	21	152
Blend #3	99.4	59.0	23	152
Blend #10	99.2	59.2	22	152
Blend #2	99.2	58.8	22	151
2145	98.5	59.0	19	153
Alliance	98.5	58.3	22	149
Blend #1	98.2	58.8	23	151
N02Y5117	98.1	59.1	20	154
Blend #9	98.0	61.1	20	153
Antelope(W)	98.0	58.0	21	150
NE02528	97.7	58.7	22	151
Infinity CL	97.6	58.1	23	151
2137	97.6	58.5	21	153
Nuplains (W)	97.5	60.8	20	154
NI04430	97.3	57.7	21	152
Blend #8	97.1	60.4	21	151
NI04428	95.9	61.2	22	151
NE02513	95.7	59.3	21	151
Wesley	95.4	58.5	22	150
NuGrain(W)	94.9	60.8	19	153
Blend #6	94.5	58.9	22	152
Bond CL	94.5	58.2	23	150
NE01643	92.3	58.4	22	153
T-22	92.2	58.4	21	150
NE01481	92.0	59.4	21	151
Jagalene	91.2	59.7	20	154
PostRock	91.1	59.9	22	149
NW98S097(W)	91.0	60.4	20	155
NuDakota(W)	90.7	58.4	21	151
N02Y5078	90.4	60.1	21	151
Millennium	89.5	59.4	23	153
NE02584	88.7	59.5	21	151
Blend #7	88.0	59.0	22	152
N03Y2016	84.6	58.8	19	153
Halt	84.3	58.8	22	151
Hatcher	76.0	58.4	21	152
NE01604	66.3	59.1	23	149
Average	94.6	59.1	21	152
DRS .05	12.7	0.9	1	1

(W) Hard White Winter Wheat

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**Platte County, WY Dryland Winter Wheat Variety Test -
2006**

<i>Entry</i>	<i>Yield (bu/A)</i>	<i>BushelWt (lb/bu)</i>	<i>Height (in)</i>	<i>Heading (days from 1 Jan)</i>
Hatcher	33.6	59.8	17	152
CO 00016	32.3	58.0	16	149
Alliance	30.2	58.2	16	150
Buckskin	30.1	59.8	19	152
Bond CL	29.9	55.4	17	150
Millennium	29.8	59.7	17	152
NE 01643	29.7	59.2	19	152
Ankor	29.6	58.2	16	152
NuDakota (W)	29.5	55.6	15	150
NW 03638 (W)	29.5	58.0	17	150
Akron	28.5	56.7	16	152
Pronghorn	28.5	60.1	19	151
Goodstreak	28.5	60.0	18	153
Jagalene	28.3	60.8	17	153
NuFrontier (W)	27.9	56.9	18	154
NI 02425	27.7	58.5	16	152
Wesley	26.9	57.6	16	150
Wahoo	26.1	57.9	16	153
Nuplains (W)	24.7	60.1	16	155
Rampart	21.2	57.9	17	156
Average	28.6	58.4	17	152
DRS .05	4.4	1.9	1	1

(W) Hard White Winter Wheat

Laramie County, WY Dryland Winter Wheat Test - 2006

<i>Entry</i>	<i>Yield (bu/A)</i>	<i>BushelWt (lb/bu)</i>	<i>Height (in)</i>	<i>Heading (days from 1 Jan)</i>
CO 00016	33.8	54.4	17	153
Millennium	33.6	57.6	21	154
Bond CL	33.0	53.8	18	152
NE 01643	31.7	56.1	20	154
Hatcher	31.3	56.4	18	155
Ankor	30.6	55.5	18	156
Pronghorn	30.5	58.0	22	155
NuDakota (W)	30.2	52.7	17	153
NI 02425	29.8	56.3	19	155
Wahoo	29.6	56.5	19	155
NuFrontier (W)	29.5	56.6	19	156
Akron	29.4	55.6	18	155
Buckskin	29.4	56.9	22	154
Jagalene	28.8	57.1	18	156
Alliance	28.8	55.3	18	153
Wesley	28.7	54.7	18	155
Goodstreak	28.7	57.7	22	156
NW 03638 (W)	27.8	55.4	19	153
Nuplains (W)	27.4	59.4	17	156
Rampart	22.8	57.4	19	157
Average	29.8	56.2	19	155
DSR .05	12.8	1.8	2	2

(W) Hard White Winter Wheat

Newsletter of the Wyoming
Wheat Commission

Wyoming Wheat Marketing Commission
c/o Wyoming Department of Agriculture
2219 Carey Avenue
Cheyenne, Wyoming 82002

2006 Wyoming Wheat Trial Results

Open Immediately!

Sheridan County WY Dryland Winter Wheat Variety Test - 2006				
<i>Entry</i>	<i>Yield (bu/A)</i>	<i>BushelWt (lb/bu)</i>	<i>Height (in)</i>	<i>Heading (days from 1 Jan)</i>
Hatcher	44.1	62.1	26	147
Alliance	44.0	59.7	27	146
Bond CL	43.2	59.7	28	147
NuFrontier (W)	43.0	62.4	27	150
Wahoo	43.0	61.0	27	149
Wesley	41.3	61.4	25	147
Akron	41.2	60.8	28	149
Pronghorn	40.9	61.8	31	147
NI 02425	40.7	60.9	26	148
CO 00016	40.6	60.7	24	147
Millennium	40.4	61.1	29	149
NuDakota (W)	39.8	59.9	24	147
Ankor	39.7	60.8	29	149
Jagalene	39.5	62.6	26	148
Buckskin	39.5	60.9	33	149
Goodstreak	39.0	61.5	31	149
Rampart	38.9	60.4	29	152
NE 01643	38.2	61.4	27	148
NW 03638 (W)	38.0	61.1	27	147
Nuplains (W)	35.6	63.0	25	151
Average	40.5	61.2	28	148
DRS .05	4.2	1.1	2	1

(W) Hard White Winter Wheat