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Nebraska Lincoln EXTENSION

EC103

Fall SEED GUIDE 2007

Provided by:
- University of Nebraska–Lincoln Extension
- Institute of Agriculture and Natural Resources
- Department of Agronomy and Horticulture
- Nebraska Crop Improvement Association

IANR

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Nebraska Wheat Board

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Welcome to the 2007 Fall Seed Guide

This is the fourth year of publishing our information using this format. We have included a number of crops that will be seeded this fall. Winter wheat is the first crop we think of as being fall seeded, but alfalfa, grasses, winter barley and triticale are also seeded in the fall. You may receive this guide in the mail or through the University of Nebraska Extension network. Either way, we appreciate the advertisers who support the printing of this guide. We also appreciate including information from the Nebraska Crop Improvement Association which makes it easier to select a variety and find a source of seed for that variety. This data and other supporting data is available on our web site at: http://varietytest.unl.edu and http://www.unl.edu/ncia/.

The 2007 wheat crop has faced many challenges. Western Nebraska was again faced with shortages of rainfall as well as wheat streak mosaic. Eastern Nebraska had excellent rainfall which precipitated considerable diseases during grain fill. Overall, the state yield was good but because of problems throughout the Great Plains, the price of wheat has remained strong. We anticipate considerable interest in wheat for 2008.

Len Nelson
Professor of Agronomy

Fall SEED GUIDE 2007

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EXTENSION CIRCULAR 103
Fall Seed Guide - 2007

August 2007

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ACKNOWLEDGMENTS

This circular is a progress report of variety trials conducted by personnel of the Agronomy Department, West Central and Panhandle Research and Extension Centers and their associated agricultural laboratories and the South Central Ag Lab. Conduct of experiments and publication of results is a joint effort of the Agricultural Research Division and the Cooperative Extension Service. Tests were supported in part by fees paid by commercial seed companies and the Nebraska Wheat Board.

Special acknowledgment is made to farmer cooperators who furnished land for experiments; also to Extension Educators and others who assisted with the tests. The authors wish to acknowledge the assistance of the technical support staff: John A. Eis, Greg Dorn, Glen Frickel, Jeff Golus, Mitch Montgomery and Eric Barnes. Their help is vital to this research.

We would like to thank the Nebraska Wheat Board for contributing wheat check-off money and the Nebraska Agricultural Statistics Service for compiling data on varieties and production of wheat.

The 2007 estimated winter wheat yield for Nebraska was 42 bushels per acre from 2,000,000 harvested acres. The total production of winter wheat for the state was 84,000,000 bushels. This is higher than the 2006 production of 61,200,000 bushels.

This circular reports data from winter wheat trials conducted throughout Nebraska. Entries included varieties and promising experimental strains from Nebraska and surrounding states and private breeders. This was the twenty-fifth year for privately developed varieties. The state has been divided into four districts for purposes of variety testing. Locations of the 2007 variety tests are shown on the map on page 11.

Trials were located on Research Centers and private farms. Names of cooperators, dates of planting and harvest are shown in Table A. Soil type, soil test data, and fertilizer applications are shown in Table B. Plot sizes varied with location. Nursery-type plots six rows wide and 15 to 35 feet long were planted at other locations. All tests were direct combined. Entries were replicated 3 to 6 times.

Winter Wheat Performance

Yielding ability of different varieties cannot be measured with absolute accuracy because of variations in soil fertility, mois-

METRIC EQUIVALENTS

1 centimeter = 0.394 inches	Kilogram/hectoliter = lb/bu x 1.287	kg = pounds x 0.454
1 hectare = 2.471 acres	Kilograms/hectare = bu/A x 62.78 (56# bu)	hl = bushels x 0.352
1 kilogram = 2.205 pounds	cm = inches x 2.54	
1 hectoliter = 2.838 bushels	ha = acres x 0.405	

ture, and other factors. For this reason, small differences in yield have no significance. Unless the difference in yield of two varieties is greater than the difference required for significance shown in the tables, little confidence can be placed in the superiority of the one over the other in that particular test. These differences are shown at the 5% level, meaning that differences as large or larger could be expected through chance alone in 1 of 20 trials (5%). Even though two varieties are not statistically different, there may be other factors which influence the choice of one over the other.

Such factors as their ability to complement other varieties, disease resistance, or availability of seed may influence that decision. Complementary varieties are important when selecting additional varieties to grow on your farm. One definition of complementary varieties is that they come from diverse parentages. A more in depth discussion of variety complementation is found on page 52. In order to help select varieties with diverse parentages, the related families of many varieties are included in the characteristics chart.

There were three trials conducted in the Southeast district, Saline, Lancaster and Saunders Counties.

The Saline County rainfed test was planted October 2, into soybean residue with 29 entries. Fall applied 10 gallons of 10-34-0 in furrow. Spring applied 50 lb N as 28% liquid with Finesse at 0.2 oz. This test was harvested July 5th and averaged 58.5 bushels per acre.

The Lancaster County rainfed test was planted October 5th to wheat with 29 entries. 60 lbs of N, Buctril 1 pint were applied before planting. This test was harvested July 3 and averaged 77.3 bushels per acre.

The Saunders County rainfed test was planted October 2 to wheat with 29 entries. 80 lbs of N was applied as 28%, Buctril 1 pint was applied. This test was harvested July 18th and averaged 50.4 bushels per acre.

The one trial in South Central Nebraska was in Clay County. The Clay County rainfed plot was located at the South Central Agricultural Laboratory, Clay Center. The soil type was a Hastings Silt Loam that was fallow in 2006 and Corn in 2005. 13 gallons of 10-34-0 in the fall before planted incorporated with field cultivator. The 32 varieties were planted on September 26. The plot was harvested on July 13, 18 and averaged 43.7 bushels per acre.

Six trials were conducted in the West Central district. These were located in Keith, Red Willow, Lincoln, Furnas as dry land test, and irrigated test in Chase and Holt locations.

The Keith County rainfed test was planted September 6th at 50 lbs N per acre. Herbicide applied was 0.20 oz Amber + .625 pt 2, 4-D. Good soil moisture at planting, site is conventional till fallow. Good conditions throughout much of growing season. This test was harvested July 7th and averaged 64.2 bushels per acre.

The Furnas County rainfed test was planted September 29th and was no-tilled into fallow. There was good

Continued on page 4

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Continued from page 3

soil moisture at planting but had severe lodging and rains delayed harvest. Some leaf rust was present. Fertilizer: 50lbs N, 60lbs of P. Herbicide: 3 oz Rave. This plot was harvested July 17 and averaged 59.8 bushels per acre.

The Red Willow County rainfed test was planted September 26th with good soil moisture. The site is no till fallow. Site had significant leaf rust, otherwise good conditions prevailed. Herbicide: .35 oz Amber. This test averaged 75.4 bushels per acre and was harvested July 2.

The Lincoln County rainfed test was planted September 27 no-till into fallow. Fertilizer: 60 lb N. Herbicide: 0.28 oz Amber was applied in the spring. Soil moisture was good at planting. Site had some leaf rust present. This test was harvested July 12th and averaged 75.4 bushels per acre.

The Chase County Irrigated test was center pivoted and planted September 29th, conventional tillage was used. Fertilizer: 150 lbs N, 50 lbs P. Herbicide: 0.4 oz Harmony Extra. Fungicide: 6 oz Headline at flag leaf; 21 oz Quilt. Good soil moisture at planting. This test was harvested July 13th and averaged 85.3 bushels per acre.

The Holt County Irrigated test was planted September 18 no-till into dry edible bean residue. Fertilizer: 107 lbs N, 70 lbs P, 59 lbs K, 30 lbs S. Herbicide: 1.33 pt WideMatch. Fungicide: 8 oz Headline. Good soil moisture at planting.

Eight locations were planted in the Panhandle with one irrigated and one organic plot.

The Cheyenne County rainfed test was a no-till into fallow test plot, planted September 20. Fertilizer: Starter, with planter 8 lb N, 28 lb P2O5 (10-34-0). Herbicide: Amber. This test was harvested July 8 and averaged 57.6 bu /a.

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Kimball County rainfed test was a conventional test plot planted into fallow. Fertilizer: 8 lbs N, 28 lbs P2O5 (10-34-0), 20 lbs N top dressed. Herbicide: 2, 4-D. This area received a lot of rain in the summer and fall of 2006. Planting was delayed by wet weather. Not much winter precipitation, and below average rainfall in spring and summer. Plot was harvested on July 10 and averaged 51.5 bu /a.

The Scottsbluff County rainfed plot was no-till into fallow, conventional tillage, and was planted on September 13. Fertilizer: Starter, with planter 8 lbs N, 28 lbs P2O5 (10-34-0). Herbicide: 2, 4-D. This area was short on rainfall in 2006. There was enough snow cover to keep wheat in good shape through the winter. Rainfall was short in spring, and than very little in the summer. Plot was harvested on July 10 and averaged 36.4 bu /a.

Sioux County rainfed plot was a no-till fallow plot, conventional tillage practices, and was planted on September 19. Fertilizer: 30 lbs N pre-plant; Starter, with planter 8 lb N, 28 lb P2O5. (10-34-0). Rain fall and snow were below average the entire growing season, but enough came at the right time, and yields were above average. Plot was harvested July 13 and averaged 52.7 bu /a.

Box Butte County rainfed plot was a no-till fallow plot. A conventional tillage practice was used, and was planted September 6. Fertilizer: 50 lbs N, 20 lbs P2O5. Herbicide: 12 oz 2, 4-D. Plot was harvested July 11 and averaged 59.7 bu /a.

The Cheyenne County Irrigated plot planted into dry edible beans on September 27. Conventional tillage practices were practiced. Fertilizer: 80 lb N, 15 lb S pre-plant, 17 lbs N, 78 lbsP2O5 at planting, 20 lbs N with sprinkler. Herbicide: Express. Harvested plot on July 16 and averaged 115.6 bu /a. Snow cover helped wheat get through the winter in good shape. Than weather was generally favorable, leading to good yields. Fungicide was applied at the proper time, and there was very little disease problem.

Cheyenne County, Organic Winter Wheat plot was no-till fallow, conventional tillage. Wheat was planted on September 21. Fertilizer: Four tons/acre manure applied April 2004. Harvested July 7 and averaged 63.3 bu /a. This area had good rainfall, followed by good snow cover. Early spring was dry, but rainfall was above average.

Irrigated plots were planted in Laramie and Goshen Counties in Wyoming. Laramie test was not harvested yet. No data.

Goshen County, Lingle, Wyoming Irrigated test was planted on October 5 and harvested on July 20. It had 100 lb N, 20 lb P and 30 lb S. Herbicide: 1.2 pints of Bronate Advanced. The weather was very dry the entire growing season and hot late spring and early summer. The plot had an average yield of 69.2 bu /a.

Protein and seed size data were collected from two replicates of each location. The seed size data are reported as thousands of seeds per pound. Thus, a larger number represents smaller seed size. The protein data were combined within each district and reported in the district tables. They are also summarized on page 35. Protein was determined from whole grain using a Near Infrared Spectrometer. The protein analysis was done by the Soil and Plant Analysis Lab at the University of Nebraska.

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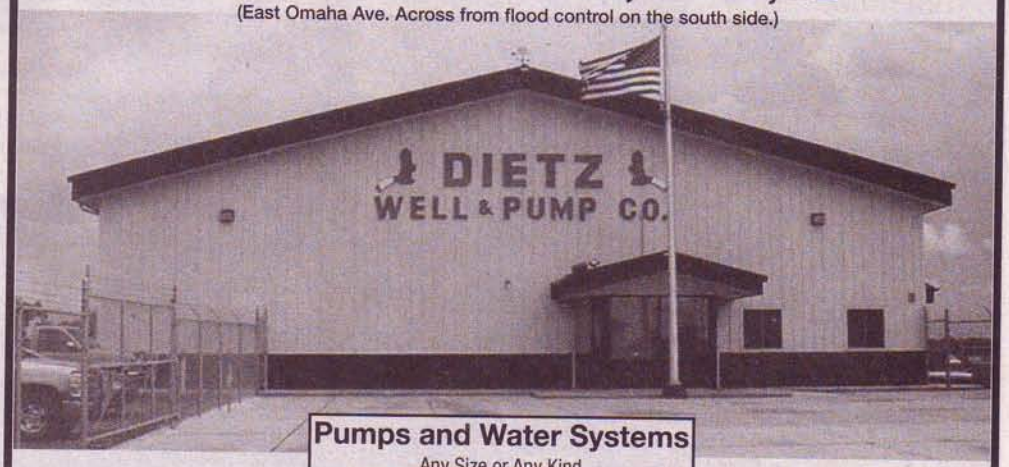

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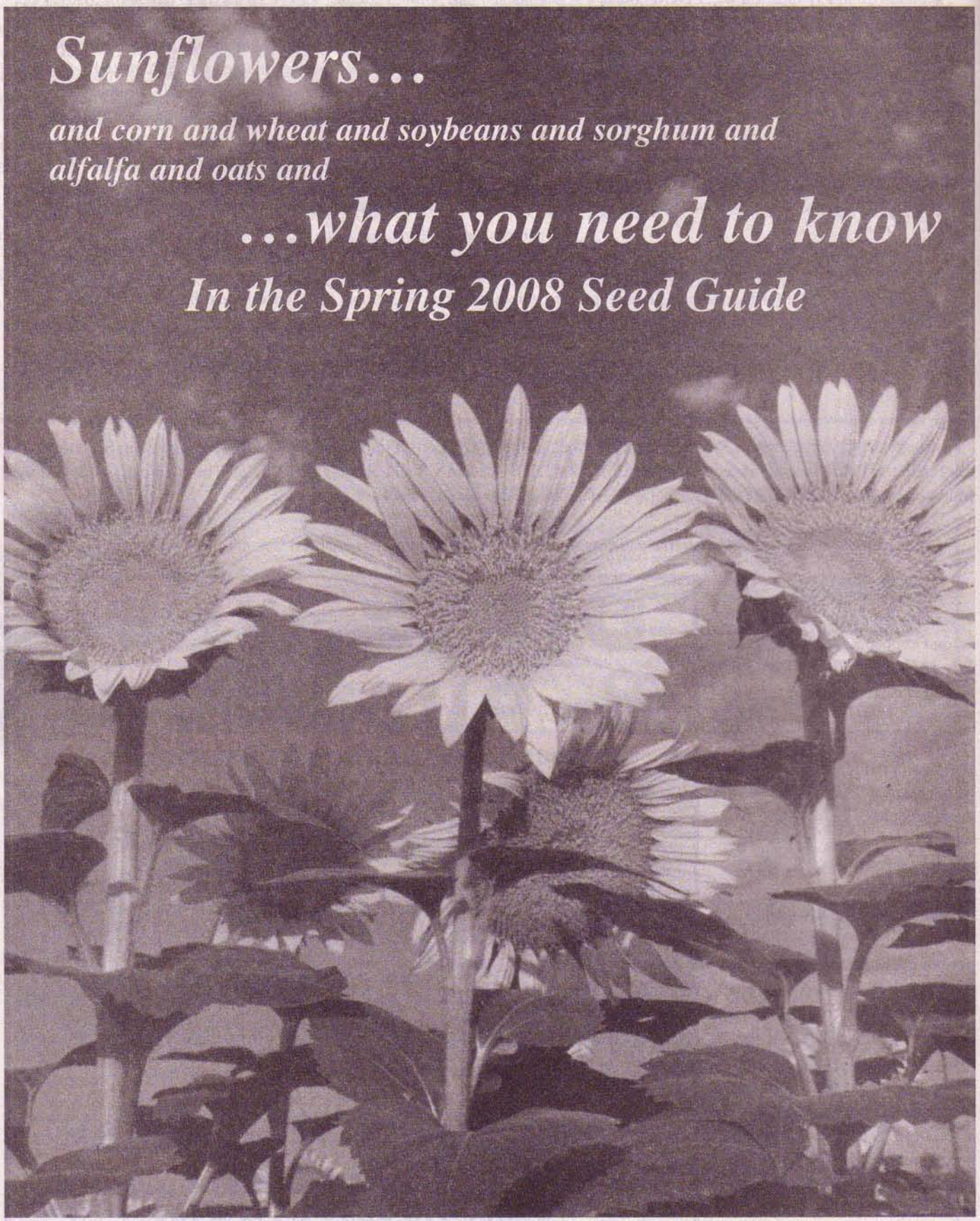
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and corn and wheat and soybeans and sorghum and alfalfa and oats and
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In the Spring 2008 Seed Guide

Table A. Nebraska Winter Wheat Variety Tests 2007.

County	Cooperator	Planted	Harvested
Saline	Lumir & Mark Tachovsky, Swanton, NE	Oct. 2, 2006	07/05
Saunders	Agricultural Res & Dev Center	Oct. 2, 2006	07/18
Lancaster	UNL Havelock Farm	Oct. 5, 2006	07/03
Clay	South Central Res & Ext Center	Oct. 27, 2006	7/13,18
Keith	Jim Welsh & Larry Chandler, Brule	Sept. 9, 2006	07/07
Furnas	Scott Haussler, Arapahoe	Sept. 20, 2006	07/17
Red Willow	Cappel Farms McCook, NE	Sept. 26, 2006	07/02
Lincoln	West Central Res & Ext Center	Sept. 27, 2006	07/12
Chase	Tom Luhrs, Enders	Sept. 29, 2006	07/13
Cheyenne Rain-fed	HPAL	Sept. 20, 2006	07/10
Kimball	Travis Cook	Sept. 20, 2006	07/10
Scottsbluff	Ken Hall	Sept. 13, 2006	07/10
Sioux	Jake Wasserburger	Sept. 19, 2006	07/13
Box Butte	Cullan Farms, Hemingford	Sept. 6, 2006	07/11
Cheyenne Irrigated	Russ Rushman, Dalton	Sept. 27, 2006	07/16
Cheyenne Organic	HPAL	Sept. 21, 2006	07/07
Albin, Wyoming Irrigated	Theron Anderson, Albin,WY	Sept. 29, 2006	Later harvest
Lingle, Wyoming Irrigated	SAREC Lingle, WY	Oct. 5, 2006	07/20

Privately developed winter wheats were included in these trials. Entries were on a voluntary basis. A fee was charged to pay a portion of the testing costs. Entries and areas were selected by the seed producer.

The following made entries as indicated:

AgriPro 6515 Ascher Road Junction City, KS 66441	Jagalene, Neosho, Postrock, Tam 111, Art, Hawken, NuFrontier, NuGrain, NuDakota
Westbred, LLC 14604 S. Haven Rd Haven, KS 67543	Smoky Hill, Santa Fe, Keota

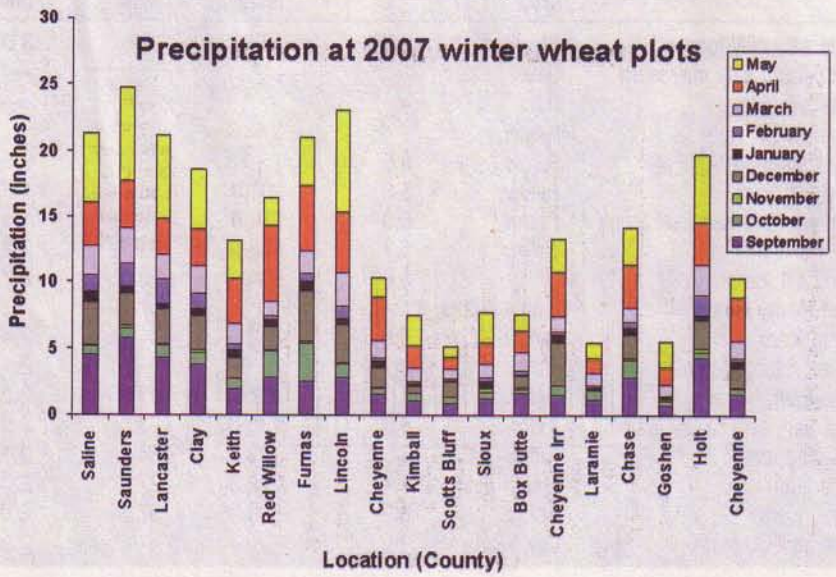
The entrant should be contacted for information on seed availability, adaptation and agronomic characteristics.

Table B. Soil Series, Previous Crop, and Fertilizers Applied. Nebraska Winter Wheat Variety Tests - 2007.

County	Soil Type	2007 Crop	pH	Nitrate lbs/a	P ppm	Organic matter %	N+P2O5+K lbs/a
Saline	Crete silty clay loam	Soybeans	5.79	44.0	223	3.3	60-34-0
Saunders	Sharpsburg silty clay loam	Oats	---	---	---	---	80-0-0
Lancaster	Crete silt loam	Oats	---	---	---	---	60-0-0
Clay	Hastings silt loam	Fallow					13-34-0
Keith	Kuma silt loam	Fallow	6.5		28.0	1.8	50-0-0
Furnas	Hord silt loam	Fallow	5.8	201.0	38.0	1.6	50-60-0
Red Willow	Holdrege and Keith silt loam	Fallow	6.3	218.0	27.0	1.4	2-10-0
Lincoln	Hall silt loam	Fallow	5.7	308.0	54.2	2.2	60-0-0
Chase	Kuma silt loam		6.6	35.0	29.0	2.2	150-50-0
Holt	Pivot loamy sand	Edible beans					170-70-59-30S
Cheyenne Rain-fed	Duroc loam	Fallow	6.6	202.0	41.0	2.4	8-28-0
Kimball	Altvan satanta loam	Fallow	6.7	72.0	9.4	2.1	8-28-0
Scotts Bluff	Keith loam	Fallow	7.1	112.0	23.0	2.0	8-28-0
Sioux	Vetal very fine sandy loam	Fallow	6.8	230.0	23.0	2.0	38-0-0
Box Butte	Rosebud loam	Fallow	7	192.0	34	2.1	50-20-0
Cheyenne Irrigated	Keith loam	Edible beans	7.4	205.0	27	2.0	99-78-0-15S
Cheyenne Organic	Duroc loam	Fallow	6.2	323.0	67	2.9	4 tons manure
Lingle, Wy	Haverson silt loam	Dry beans					100-30-0-20S

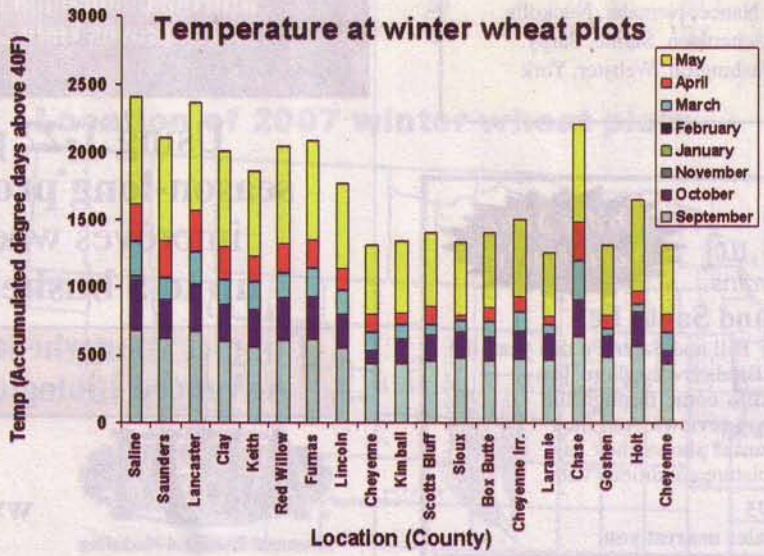
2007 Winter Wheat

			Agronomic Characteristics					Disease Reactions*	
Variety/ Hybrid	Origin	Family Most Closely Related To:	Maturity	Winter Hardi ness	Straw Strength	Plant Height	Coleoptile Length	Hessian Fly	Leaf Rust
CO01385-A1	CO								
AP Jagalene	ASI	Jagger, Abilene	3	4	6	2	3		5
AP Neosho	ASI		2		6	4			
AP PostRock	ASI	Jagger, Ogallala	3	4	6	2	3	1	5
Hawken	ASI	Heyne, Thunderbird	4	4	6	2			5
Art	ASI	Jagger	3	2	6	2			5
Millennium	NE	Abilene, Arapahoe	4	3	5	7	3	5	2
2137	KS	2163	2	4	5	3	3	5	3
Wesley	ARS NE	Sumner	3	4	6	2	1	1	2
Hatcher	CO	Yumar	3	3	3	2	6		7
Antelope (W)	ARS NE	Arlin, Pronghorn	4	4	5	3	5	1	2
Nuplains (W)	NE	Abilene	4	3	5	4	2	1	1
Bond CL	CO	Yumar	2	3	5	5	6		7
N02Y5117	ARS NE		3	3		5			
NW98S097 (W)	ARS NE	Platte	4	3		4		5	
N104421	NE	Wahoo	3	4	4	4		2	3
NE02584	NE		2	4		4		1	3
NH03614	NE	Millennium	3	4		3		5	4
NE01604	NE	None	3	5		5		5	8
N104420	NE	Wahoo	2	4	4	4		3	2
N104428	NE		2	4	3	2		4	3
Alice (W)	SD	Abilene, Karl	2	5		3		1	
Darrell	SD	Karl	3	5		4		5	
Ron L (W)	KSU	Trego, TAM107	3	4	4	3	3	1	2
			1 = Early 5 = Late	1 = Tnder 5 = Hardy	1 = Weak 6 = Strong	1 = Short 9 = Tall	1 = Short 9 = Long		



Characteristics

Disease Reactions*					Grain Quality	
Stem Rust	Stripe Rust	Tan Spot	Soil Borne Mosaic	Wheat Streak Mosaic	Bushel Weight	Protein Content
5	8	3	5	3	2	
3	1	3	5	3	3	2
5	5	7	5			
5	8	7	5	3		
4	7	3	1	1	3	5
2	2	4	5	2	6	9
5	9	5	5	1	6	2
5	4			5	4	6
5			1	1	5	5
5	2	2	1	1	2	4
5	8			5	8	7
5			1	5	5	
5			5	1	5	
3			2	1		
6	4	7	1		1	
4			3	1		
4	3	7	1		2	
3			5	1		
2			5	1		
4			2			
5			2			
5	5					
1 = Susceptible, 5 = Resistant *(Stripe Rust and Tan Spot 1 Susceptible, 9 = Resistant (KSU))					1 = High 9 = Low	1 = High 9 = Low



Planting dates for winter wheat

Plant wheat as close as possible to the suggested planting date for your area. (See figure for recommended seeding dates and table below for ending dates.) Earlier seedings are more subject to root and crown rot, wheat streak mosaic, and many other diseases as well as insects such as the Hessian fly.

If you seed more than a week to 10 days after the recommended seeding date, use row-applied starter fertilizer. This is important even if your soil tests high in phosphorus. Also, since less tillering occurs with later plantings, it is usually beneficial to increase seeding rates. Plan to seed about 1.4 million seeds per acre dryland and 2.0 million seeds per acre under irrigated conditions. With late seedings, narrow rows are preferred -- 7.5 inches for dryland and 6 inches or less for irrigated.

Bob Klein
Extension Crops Specialist
West Central REC

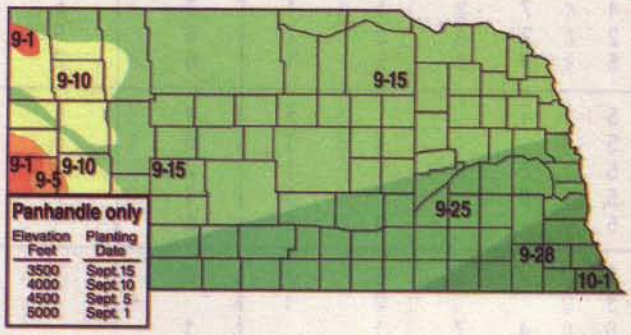


Table 1. Final planting date for winter wheat (grouped by dates) for crop insurance purposes.

October 5, 2002:
Banner, Box Butte, Cherry, Cheyenne, Dawes, Keye Paha, Kimball, Logan, Loup, McPherson, Morrill, Rock, Scotts Bluff, Sheridan, Sioux

October 10, 2002
Antelope, Boone, Buffalo, Burt, Cedar, Chase, Cuming, Custer, Dawson, Deuel, Dundy, Frontier, Furnas, Garden, Garfield, Gosper, Greeley, Hall, Harlan, Hayes, Hitchcock, Holt, Howard, Keith, Knox, Lincoln, Madison, Perkins, Phelps, Pierce, Red Willow, Sherman, Stanton, Thurston, Valley

October 15, 2002
Adams, Butler, Cass, Clay, Colfax, Dodge, Douglas, Fillmore, Franklin, Gage, Hamilton, Jefferson, Johnson, Kearney, Lancaster, Merrick, Nance, Nemaha, Nuckolls, Otoe, Pawnee, Platte, Polk, Richardson, Saline, Sarpy, Saunders, Seward, Thayer, Washington, Webster, York

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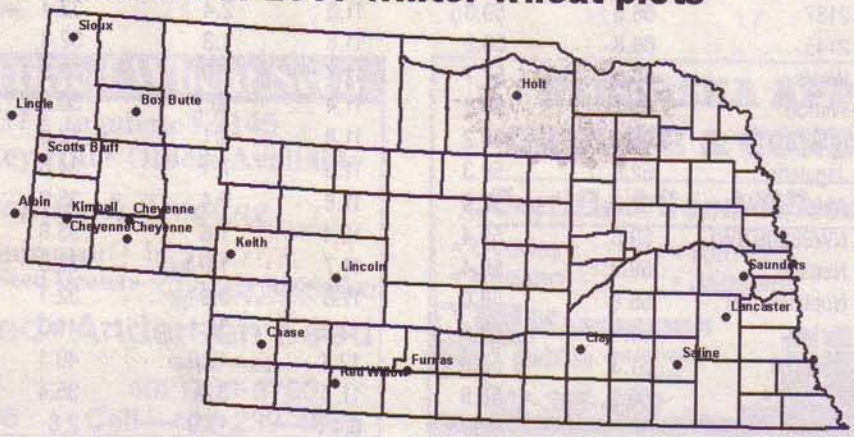
Southeast Dryland Wheat Variety Tests - 2007
Saline, Saunders, and Lancaster Counties

Brand	Variety	Average Yield Bu/a	Saline Yield Bu/a	Saunders Yield Bu/a	Lancaster Yield Bu/a	Bushel weight lb/bu	Plant height inches	Seed weight 000/lb	Grain protein pct
Husker Genetics	Overland (NE01643)	78	77	66	91	60.2	34.0	16.2	12.0
----	Millennium	74	72	63	88	60.3	36.0	15.6	12.0
----	Arapahoe	73	73	58	87	60.4	37.0	17.0	12.3
----	NE01481	73	69	62	88	59.1	36.0	17.9	11.2
----	Hallam	72	73	62	82	58.2	34.0	15.7	11.9
AGRIPRO	Art	71	70	56	87	60.7	29.0	16.6	12.2
----	Wahoo	70	69	59	81	58.4	35.0	16.3	11.5
----	Infinity CL	70	65	57	87	58.7	35.0	17.6	11.8
WESTBRED	Santa Fe	70	71	56	82	60.9	31.0	13.8	12.2
----	NE01604	69	67	53	88	59.3	33.0	13.6	12.3
----	NE02584	67	62	54	84	61.5	30.0	15.7	11.9
WESTBRED	Smokey Hill	67	56	55	90	57.2	31.0	18.4	11.6
----	2137	66	62	48	87	60.7	30.0	12.6	11.5
----	NH03614	65	64	55	77	60.0	31.0	15.4	11.4
----	NI04420	65	61	52	82	60.2	34.0	15.6	12.0
----	Wesley	63	66	52	72	57.4	31.0	15.2	11.8
AGRIPRO	PostRock	63	66	49	75	60.3	30.0	15.0	12.5
AGRIPRO	Hawken	63	63	48	79	60.5	28.0	15.0	12.2
----	NI04421	60	55	48	76	57.1	32.0	17.8	11.9
----	2145	59	50	49	77	58.2	27.0	17.8	12.0
----	Overley	56	59	50	60	60.8	30.0	14.3	12.4
----	Antelope(W)	54	51	37	74	57.9	32.0	16.8	12.0
----	N02Y5117	54	42	43	77	57.7	30.0	20.3	12.0
----	Turkey	53	47	42	70	59.9	43.0	16.8	12.5
----	NW98S097(W)	50	49	33	67	58.1	32.0	17.2	12.5
----	Nuplains (W)	49	45	33	70	57.8	32.0	20.1	11.5
AGRIPRO	Jagalene	45	34	39	63	57.2	31.0	21.6	11.7
----	Scout66	44	35	44	53	57.8	38.0	16.1	12.2
AGRIPRO	Neosho	37	24	40	46	57.2	29.0	20.2	11.3
Average all entries		62	59	50	77	59.1	32.4	16.6	11.9
Difference Req for Sig. 5%		3	8	8	9	0.6	2.0	2.8	0.2

Location of 2007 winter wheat plots



Southeast Wheat Variety Tests - 2003 - 2007

Brand	Variety	Grain Yield bu/a	Bushel Weight lb/bu	Grain Protein pct	Plant Lodging pct	Plant Height inches	Kernel Weight 000/lb
		Two year averages					
Husker Genetics	Overland (NE01643)	76.0	60.8	11.7	0.8	35.8	15.38
----	NE01481	74.0	59.5	11.2	3.7	37.0	16.81
----	Hallam	71.2	58.7	11.7	2.5	36.3	15.44
----	Infinity CL	70.7	59.9	11.7	4.0	36.8	16.41
----	Millennium	70.3	61.0	11.7	1.8	37.0	15.44
----	NE02584	70.0	62.2	11.7	2.8	33.5	14.99
----	NE01604	68.5	60.4	12.0	5.8	35.8	13.58
----	2137	68.0	60.5	11.4	0.7	32.7	13.46
----	Arapahoe	67.5	59.7	11.9	4.7	37.8	16.44
----	Wahoo	66.8	58.9	11.4	1.0	36.7	15.81
AGRIPRO	PostRock	65.3	60.7	12.3	0.8	32.7	14.41
----	Wesley	64.0	58.2	11.7	1.0	32.7	15.16
----	Overley	64.0	60.2	12.4	2.7	34.0	14.08
----	2145	63.7	59.9	11.8	0.7	31.0	16.38
----	N02Y5117	61.8	58.9	11.7	0.3	32.7	18.34
AGRIPRO	Jagalene	60.0	60.2	11.5	0.7	34.0	18.12
----	Antelope(W)	58.2	57.5	11.6	4.7	34.7	15.31
----	NW98S097(W)	56.8	59.6	11.9	0.3	33.5	16.4
----	Nuplains (W)	55.8	59.9	11.4	0.8	33.2	17.84
AGRIPRO	Neosho	55.8	59.6	11.6	0.7	33.2	17.51
----	Turkey	50.3	57.9	12.0	19.3	41.8	15.82
----	Scout66	47.5	57.0	11.9	26.5	39.7	15.43
Average all entries		63.9	59.6	11.7	3.9	35.1	15.8
Difference required for sig. 5%		N.S.	3.2	0.5	N.S.	3.5	2.8
		Three year averages					
Husker Genetics	Overland (NE01643)	76.8	61.1	11.6	1.6	35.8	15.2
----	NE01481	75.2	59.7	11.2	5.8	36.9	16.58
----	NE02584	73.1	62.4	11.7	3.9	34.3	14.97
----	Infinity CL	71.7	60.3	11.6	15.2	36.8	15.83
----	NE01604	71.3	60.5	11.9	7.4	36.6	13.56
----	Hallam	69.9	57.9	11.6	9.5	36.3	15.63
----	Millennium	69.4	59.9	11.7	2.6	36.9	15.36
----	Arapahoe	66.9	58.5	11.9	8.4	37.4	16.48
----	2137	66.8	59.3	11.3	2.4	33.4	14.08
----	2145	66.8	59.9	11.8	1.3	32.3	15.87
----	Wesley	65.3	57.7	11.7	1.0	32.9	15.29
----	Wahoo	65.1	56.3	11.4	10.2	36.2	15.96
----	N02Y5117	63.3	58.2	11.8	4.1	32.8	17.87
AGRIPRO	Jagalene	62.8	59.3	11.6	7.1	34.3	17
----	Antelope(W)	61.6	57.9	11.8	5.4	35.0	15.14
----	NW98S097(W)	59.8	59.4	12.1	1.6	33.8	16.46
AGRIPRO	Neosho	59.3	59.4	11.7	1.6	33.8	16.74
----	Nuplains (W)	56.8	58.0	11.5	0.9	32.1	17.74
----	Turkey	51.7	55.6	12.1	35.1	41.0	15.57
----	Scout66	51.3	55.8	12.1	42.0	40.1	15.03
Average all entries		65.2	58.9	11.7	8.4	35.4	15.8
Difference required for sig. 5%		11.2	3.1	0.4	17.9	2.6	2.0

Southeast Wheat Variety Tests - 2003 - 2007 con't.

Brand	Variety	Grain Yield bu/a	Bushel Weight lb/bu	Grain Protein pct	Plant Lodging pct	Plant Height inches	Kernel Weight 000/lb
		Four year averages					
Husker Genetics	Overland (NE01643)	73.6	58.9	11.9	1.7	36.8	15.82
----	Infinity CL	69.0	58.3	11.8	11.9	37.3	15.93
----	Hallam	68.2	56.2	11.9	8.0	37.3	15.7
----	2137	67.9	58.1	11.4	2.2	34.1	14.23
----	Millennium	67.1	57.8	12.0	2.0	37.7	15.88
----	2145	65.7	58.4	12.1	1.6	33.0	16.33
AGRIPRO	Jagalene	64.8	58.5	11.8	5.7	35.0	16.43
----	Wesley	63.5	55.9	11.9	1.4	33.4	15.68
----	Arapahoe	63.3	56.6	12.2	7.0	38.1	16.9
----	Wahoo	62.3	54.7	11.7	8.3	36.9	16.48
AGRIPRO	Neosho	61.9	58.6	12.0	1.3	34.1	16.09
----	NW98S097(W)	60.8	57.4	12.3	1.3	34.3	16.63
----	Antelope(W)	57.8	55.8	12.1	5.2	35.5	15.77
----	Nuplains (W)	56.7	56.5	11.8	1.0	32.6	18.07
----	Scout66	48.4	55.2	12.4	33.1	41.1	15.17
----	Turkey	48.3	54.2	12.5	27.7	41.5	16.51
Average all entries		62.5	56.9	12.0	7.5	36.2	16.1
Difference required for sig. 5%		10.5	2.7	0.4	16.0	2.0	1.9
		Five year averages					
----	Hallam	71.5	56.6	11.8	8.0	38.6	15.19
----	Infinity CL	70.6	58.7	11.7	11.9	38.9	15.38
----	2137	69.5	58.4	11.3	2.2	35.5	13.97
----	Millennium	69.1	58.1	11.8	2.0	39.1	15.55
----	2145	68.7	58.8	11.9	1.6	34.2	15.59
AGRIPRO	Jagalene	67.0	58.8	11.7	5.7	36.2	15.74
----	Wesley	66.6	56.5	11.8	1.4	34.9	15.09
----	Arapahoe	65.3	57.0	12.1	7.0	40.1	16.43
----	Wahoo	64.2	55.4	11.5	8.3	38.1	15.95
----	Antelope(W)	60.2	56.3	11.9	5.2	37.0	15.34
----	Nuplains (W)	59.7	57.2	11.7	1.0	34.3	17.57
----	Scout66	50.5	56.3	12.4	33.1	42.9	14.68
----	Turkey	48.2	55.2	12.4	27.7	43.2	16.2
Average all entries		63.9	57.2	11.8	8.9	37.9	15.6
Difference required for sig. 5%		7.3	2.2	0.3	15.2	1.7	1.5

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South Central Dryland Wheat Variety Tests - 2007
Clay County

Brand	Variety	Average Yield Bu/a	Bushel weight lb/bu	Bushel weight lb/bu	Plant height inches	Plant lodging pct	Grain protein pct	Seed weight 000/lb
WESTBRED	Santa Fe	62.6	11.1	56.2	34.0	15.6	12.1	14.52
AGRIPRO	Art	61.2	11.1	55.6	35.0	35.0	12.4	19.54
----	Overley	59.6	11.6	56.9	33.0	7.2	12.4	13.84
----	2145	52.7	11.1	54.2	31.0	14.0	12.3	19.50
----	Hallam	50.4	11.1	54.3	36.0	60.8	12.3	18.36
Husker Genetics	Overland (NE01643)	49.6	11.2	54.5	38.0	12.8	12.4	18.02
----	2137	49.4	12.4	56.6	37.0	21.6	11.6	14.90
AGRIPRO	PostRock	49.1	11.8	55.1	32.0	21.6	12.8	18.78
AGRIPRO	Hawken	49.1	11.1	52.4	31.0	0.0	12.8	18.53
----	NH03614	48.4	11.5	55.7	34.0	26.8	11.7	16.45
----	NW98S097(W)	48.4	11.5	52.4	33.0	0.0	12.9	20.33
----	Millennium	48.1	11.2	55.2	40.0	14.2	12.4	19.17
----	Arapahoe	47.7	11.1	54.8	38.0	36.2	12.9	19.45
AGRIPRO	NuDakota(W)	47.1	10.8	50.5	32.0	14.6	12.4	20.57
----	NI04420	46.8	10.9	55.2	36.0	31.5	12.4	17.64
----	NE02584	46.3	11.5	55.6	33.0	8.8	12.3	17.54
----	Wesley	44.6	10.0	51.6	34.0	14.3	12.2	17.56
----	Infinity CL	43.8	11.5	53.7	36.0	40.0	11.9	18.44
----	NE01604	43.8	10.9	52.7	37.0	11.2	12.8	18.47
----	Jagger	40.7	11.8	54.1	34.0	25.4	12.1	20.49
WESTBRED	Smokey Hill	40.5	11.2	49.4	37.0	33.9	12.3	21.69
----	NE01481	40.4	10.9	52.7	38.0	40.0	11.9	20.59
----	Wahoo	39.7	11.8	52.8	38.0	27.4	12.7	21.96
----	Antelope(W)	37.1	10.9	53.3	35.0	40.8	13.1	20.34
----	N02Y5117	36.6	11.7	55.5	33.0	29.9	13	21.04
----	NI04421	35.7	10.9	51.4	35.0	22.7	12.9	21.63
AGRIPRO	NuGrain(W)	33.3	10.9	54.8	32.0	29.0	13.4	25.54
AGRIPRO	Jagalene	32.2	11.6	51.5	33.0	38.0	12.2	22.30
----	Scout66	30.3	10.8	54.5	38.0	87.5	12.7	15.49
----	Turkey	29.3	10.9	55.1	44.0	86.6	13.5	18.94
AGRIPRO	Neosho	27.5	11.8	51.9	33.0	29.8	11.9	21.23
----	Nuplains (W)	25.3	11.0	51.6	36.0	13.5	12.5	24.65
Average		43.7	11.2	53.8	35.0	27.8	12.5	19.30
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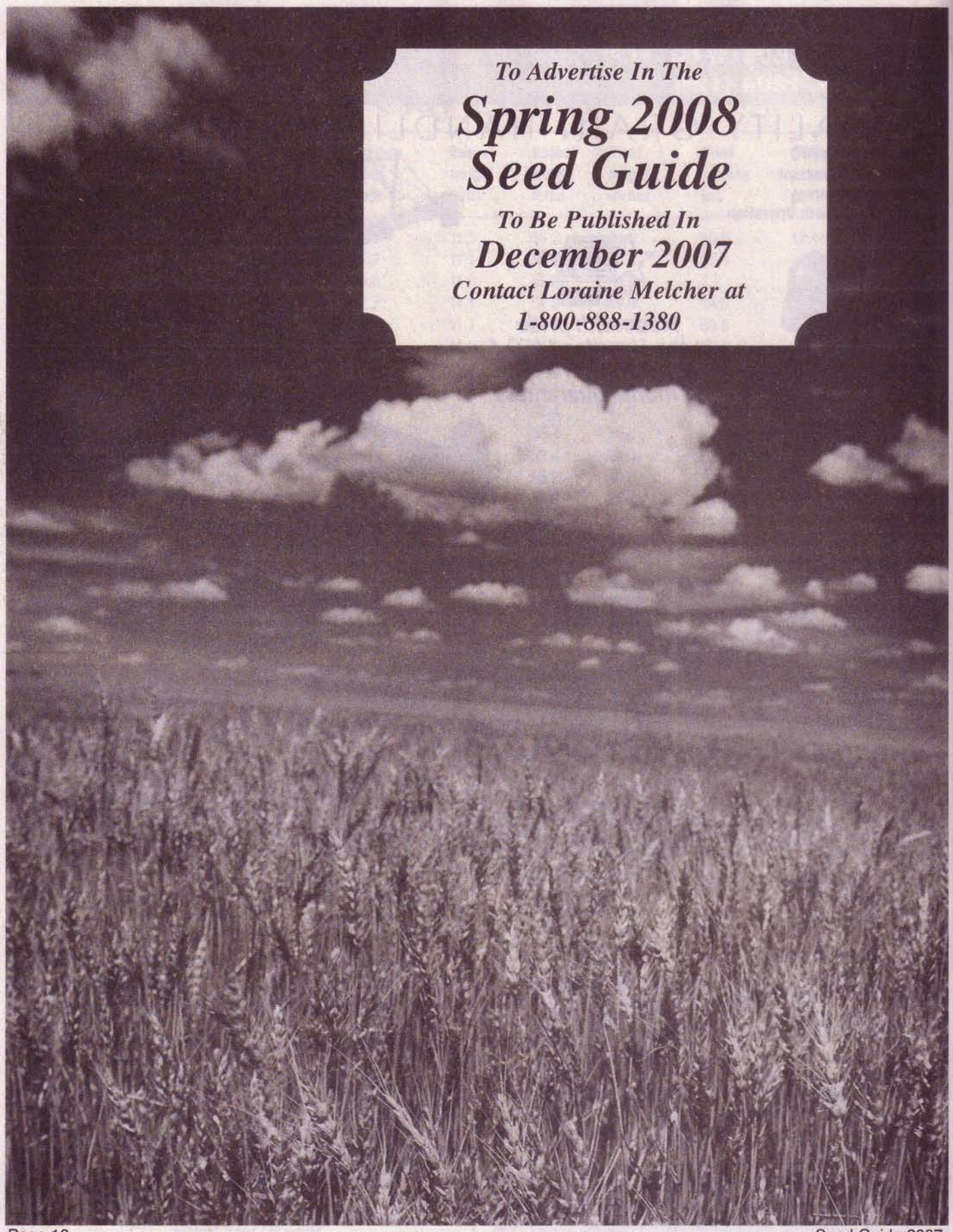
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Minden, NE
308-830-0160

South Central Wheat Variety Tests - 2003 - 2007

Brand	Variety	Grain Yield bu/a	Bushel Weight lb/bu	Grain Protein pct	Plant Lodging pct	Plant Height inches	Kernel Weight 000/lb
		Two year averages					
----	Overley	64.0	55.5	13.6	22.0	33.5	15.50
AGRIPRO	NuDakota(W)	61.5	51.6	13.3	24.0	31.5	20.17
AGRIPRO	PostRock	58.0	55.8	13.5	22.0	31.5	17.75
----	2137	57.0	54.7	12.8	21.0	33.5	17.27
----	2145	57.0	54.4	13.5	16.5	31.0	19.16
Husker Genetics	Overland (NE01643)	54.5	54.5	13.3	16.5	35.0	19.16
----	Hallam	52.5	53.0	13.2	54.5	34.5	19.02
----	NE02584	52.5	55.5	13.3	28.5	32.5	17.84
----	Millennium	52.0	54.8	13.3	17.5	35.5	19.00
----	Wesley	52.0	51.4	13.0	16.0	32.0	18.05
----	NW98S097(W)	50.5	53.7	13.9	7.5	31.5	19.65
----	Jagger	50.0	53.2	13.4	32.0	33.0	20.29
----	Infinity CL	50.0	54.1	12.8	36.0	34.5	18.65
----	Arapahoe	49.5	54.2	13.8	38.5	34.0	19.00
----	Antelope(W)	49.0	53.4	13.9	33.0	33.0	19.40
----	NE01604	49.0	53.1	13.7	36.0	35.5	18.65
----	NE01481	47.5	51.6	12.9	39.0	35.0	21.26
AGRIPRO	NuGrain(W)	47.0	56.0	13.8	25.0	30.5	24.19
----	Wahoo	46.5	53.2	13.7	24.5	34.0	19.75
AGRIPRO	Jagalene	46.0	53.5	13.0	28.5	32.0	20.28
----	N02Y5117	45.5	54.2	13.7	24.0	32.0	20.48
AGRIPRO	Neosho	41.0	54.2	13.2	30.5	33.5	19.52
----	Scout66	37.5	55.2	13.7	77.0	36.5	16.14
----	Turkey	37.0	54.0	14.2	64.5	40.0	19.66
----	Nuplains (W)	37.0	53.4	14.0	17.0	32.5	22.92
Average all entries		49.8	53.9	13.5	30.1	33.5	19.31
Difference required for sig. 5%		11.0	3.2	0.7	27.9	4.2	3.21
		Three year averages					
----	2145	60.3	54.4	13.1	11.3	32.7	18.53
Husker Genetics	Overland (NE01643)	60.3	54.5	12.8	11.3	36.3	18.34
----	NE02584	58.7	55.5	12.8	19.7	33.7	17.32
----	Millennium	57.0	54.8	12.8	12.0	37.0	18.26
----	2137	55.0	54.7	12.1	14.7	34.7	18.04
----	NE01604	55.0	53.1	13.3	25.0	36.3	17.99
----	Jagger	54.7	53.2	12.9	22.0	34.0	19.81
----	Wesley	54.7	51.4	12.5	11.0	33.0	17.92
----	Infinity CL	54.0	54.1	12.5	24.7	35.7	18.16
----	Hallam	52.7	53.0	12.6	36.7	36.0	19.13
AGRIPRO	Jagalene	52.0	53.5	12.5	19.3	33.3	19.31
AGRIPRO	NuGrain(W)	52.0	56.0	13.4	17.0	30.7	22.74
----	Arapahoe	51.7	54.2	13.4	26.3	35.3	19.02
----	Antelope(W)	51.7	53.4	13.4	22.7	34.0	18.66
----	NW98S097(W)	51.7	53.7	13.4	5.3	32.3	19.17
----	N02Y5117	51.3	54.2	13.2	16.3	33.3	19.52
----	Wahoo	50.7	53.2	13.0	16.7	35.3	19.23

South Central Wheat Variety Tests, con't.

Brand	Variety	Grain Yield bu/a	Bushel Weight lb/bu	Grain Protein pct	Plant Lodging pct	Plant Height inches	Kernel Weight 000/lb
		Two year averages					
----	NE01481	50.7	51.6	12.4	26.7	36.0	20.36
AGRIPRO	Neosho	49.3	54.2	12.7	21.0	34.7	18.42
----	Scout66	40.3	55.2	13.2	52.7	38.3	16.20
----	Nuplains (W)	40.0	53.4	13.4	11.7	32.7	21.79
----	Turkey	38.0	54.0	13.4	44.0	41.0	19.15
Average all entries		51.9	53.9	12.9	21.3	34.8	18.96
Difference required for sig. 5%		9.1	2.7	0.5	22.1	2.6	2.31
		Four year averages					
----	2145	70.3	54.8	13.1	9.5	33.0	17.89
Husker Genetics	Overland (NE01643)	67.5	54.4	12.8	9.8	36.8	17.89
----	Millennium	65.0	54.8	12.8	10.0	37.8	17.77
AGRIPRO	Jagalene	64.5	54.9	12.5	15.8	34.3	17.97
----	Wesley	63.8	52.0	12.6	9.3	33.8	17.28
----	2137	63.5	54.7	12.2	12.3	35.3	17.36
----	Infinity CL	62.5	54.4	12.6	19.5	36.5	17.51
----	NW98S097(W)	62.5	54.5	13.4	4.5	33.0	18.23
AGRIPRO	Neosho	61.3	55.4	13.0	16.5	34.8	17.24
----	Jagger	60.8	53.9	12.9	17.8	34.5	19.00
----	Hallam	60.5	53.1	12.8	28.8	36.5	18.30
----	Arapahoe	58.5	54.1	13.3	21.0	36.3	18.35
----	Antelope(W)	58.3	53.2	13.4	18.3	34.8	17.88
----	Wahoo	58.0	52.7	12.9	13.8	36.0	18.95
----	Nuplains (W)	50.5	54.1	13.4	9.8	33.0	20.79
----	Scout66	46.3	54.7	13.3	40.8	39.0	15.98
----	Turkey	41.5	53.4	13.6	34.3	40.3	18.75
verage all entries		59.7	54.1	13.0	17.2	35.6	18.07
fference required for sig. 5%		9.4	2.2	0.4	17.3	2.2	1.92
		Five year averages					
-	2145	73.6	55.8	12.9	8.2	33.8	16.97
GRIPRO	Jagalene	71.4	56.2	12.3	13.4	34.6	16.27
-	Wesley	70.0	53.4	12.4	7.8	34.6	16.92
-	Millennium	69.6	55.9	12.4	8.6	38.8	17.03
-	2137	66.8	55.7	12.0	10.4	36.0	17.93
-	Jagger	66.4	55.1	12.6	14.8	35.2	18.04
-	Infinity CL	64.6	55.4	12.5	16.4	37.8	17.17
-	Hallam	64.2	53.9	12.6	24.0	37.6	17.91
-	Wahoo	62.2	53.9	12.7	11.8	37.0	17.89
-	Antelope(W)	61.6	54.2	13.1	15.4	35.6	17.35
-	Arapahoe	60.6	54.8	13.1	17.6	37.6	18.02
-	Nuplains (W)	50.2	54.5	13.2	8.2	34.0	19.35
-	Scout66	49.2	55.9	13.2	33.6	39.8	15.98
-	Turkey	42.4	54.6	13.4	28.4	41.0	18.35
rage all entries		62.3	55.0	12.7	15.6	36.7	17.51
erence required for sig. 5%		8.7	1.7	0.4	14.6	1.8	1.57

West Central Wheat Variety Tests - 2003 - 2007

Brand	Variety	Grain Yield bu/a	Bushel Weight lb/bu	Grain Protein pct	Plant Lodging pct	Plant Height inches	Kernel Weight 000/lb
		Two year averages					
----	NE01604	59.4	58.3	12.3	11.9	35.4	15.11
----	Wahoo	58.9	56.8	12.2	11.9	34.1	16.54
----	Hallam	58.9	56.7	11.9	12.8	35.5	15.45
Husker Genetics	Overland (NE01643)	58.5	59.4	12.2	10.9	34.5	16.15
----	2137	57.6	58.0	11.8	11.8	32.4	16.53
----	Infinity CL	57.6	59.0	12.1	11.9	34.6	15.83
AGRIPRO	TAM 111	57.5	58.8	11.9	11.4	33.6	16.24
----	Millennium	57.3	59.6	12.4	8.9	35.6	15.96
AGRIPRO	PostRock	57.3	59.8	12.4	12.0	31.1	15.1
----	Trego(W)	56.6	58.9	11.8	11.6	32.0	16.7
----	Wesley	56.4	57.4	12.0	11.5	30.8	16.07
----	Hatcher	56.4	57.6	11.5	12.1	31.5	16.23
----	Overley	56.4	59.4	12.7	10.0	33.8	14.08
----	Alliance	56.1	58.3	11.4	13.1	34.9	16.83
----	NE01481	56.1	56.1	12.0	12.5	34.6	19.78
----	Goodstreak	55.3	59.9	12.4	13.8	39.9	16.48
----	NE02584	55.0	60.4	12.6	12.0	31.4	16.91
----	Arrowsmith(W)	54.3	57.5	12.4	8.9	37.1	17.23
----	Bond CL	54.1	55.3	11.8	12.3	34.6	18.69
----	Arapahoe	53.5	58.1	12.6	11.4	35.3	17.05
----	Antelope(W)	53.5	58.1	12.1	11.8	32.5	16.17
AGRIPRO	NuDakota(W)	53.3	56.1	12.5	11.4	30.1	16.49
----	Jagger	53.0	57.5	12.3	11.9	32.5	16.34
AGRIPRO	NuFrontier (W)	53.0	58.0	12.2	11.4	35.4	18.16
----	N02Y5117	52.9	57.5	12.1	11.9	31.3	17.75
AGRIPRO	Jagalene	52.8	58.6	12.3	12.3	32.6	16.35
AGRIPRO	NuGrain(W)	52.8	58.8	12.4	10.9	29.1	19.93
----	2145	52.1	58.3	12.5	11.6	30.3	16.99
----	Pronghorn	51.4	59.6	12.1	20.0	38.5	17.16
----	NW98S097(W)	50.0	58.1	12.5	6.3	31.0	18.62
----	Scout66	49.1	59.5	12.2	23.4	40.5	15.41
----	Nuplains (W)	44.4	58.9	12.4	10.1	30.5	17.14
Average all entries		54.7	58.3	12.2	12.1	33.7	16.7
Difference required for sig. 5%		N.S.	1.5	0.6	4.4	2.0	2.1
		Three year averages					
Husker Genetics	Overland (NE01643)	60.6	59.0	12.2	7.6	33.7	16.45
----	Millennium	58.3	59.2	12.5	6.3	34.8	16.16
----	Infinity CL	58.1	58.5	12.2	9.3	33.5	16.09
----	NE01604	57.9	58.2	12.6	10.6	34.2	15.15
----	Wahoo	57.6	56.2	12.3	9.5	33.3	16.68
AGRIPRO	TAM 111	57.6	58.8	12.3	7.8	32.6	16.21
----	NE01481	56.9	56.3	11.9	11.4	33.9	18.84
----	Arrowsmith(W)	55.4	57.4	12.5	7.3	36.1	17.04
----	Hallam	55.4	56.1	12.0	10.9	34.4	16.03
----	Goodstreak	55.1	59.7	12.6	14.8	38.6	16.44
----	Alliance	54.9	57.8	11.8	11.7	34.0	17.25
AGRIPRO	NuFrontier (W)	54.6	58.5	12.1	8.2	34.4	17.8
----	2137	54.3	57.6	11.9	9.0	31.9	16.8
----	Wesley	54.3	57.1	12.3	8.6	29.7	15.76
----	Trego(W)	54.2	58.6	11.9	10.3	31.4	16.35
----	NE02584	54.1	59.8	12.7	8.7	30.8	16.67
----	N02Y5117	54.0	57.4	12.5	8.8	30.4	17.96
----	Bond CL	53.1	55.4	11.9	14.1	33.2	18.35
AGRIPRO	NuGrain(W)	53.1	58.6	12.8	7.2	28.5	19.68
----	Arapahoe	52.0	57.1	12.6	8.8	34.3	17.63
----	Jagger	51.6	57.5	12.9	10.8	31.8	16.68
----	2145	51.5	58.2	12.7	10.0	29.8	16.96

West Central Wheat Variety Tests - 2003 - 2007 Con't.

Brand	Variety	Grain Yield bu/a	Bushel Weight lb/bu	Grain Protein pct	Plant Lodging pct	Plant Height inches	Kernel Weight 000/lb
----	Pronghorn	51.4	59.5	12.4	22.1	37.5	16.97
AGRIPRO	Jagalene	51.1	58.6	12.5	8.8	31.4	16.32
----	Antelope(W)	50.8	57.9	12.5	8.3	31.3	16.33
----	NW98S097(W)	48.2	57.2	12.7	3.9	30.4	18.7
----	Scout66	45.8	59.2	12.5	36.9	39.0	15.86
----	Nuplains (W)	43.3	57.7	12.6	7.3	29.9	17.67
Average all entries		53.8	58.0	12.4	10.7	33.0	17.0
Difference required for sig. 5%		6.1	1.3	0.5	9.7	1.4	1.6
		Four year averages					
Husker Genetics	Overland (NE01643)	57.9	58.3	12.6	7.7	32.7	16.26
AGRIPRO	TAM 111	56.9	58.4	12.6	5.1	31.7	15.96
----	Wahoo	56.8	56.1	12.6	8.9	32.0	16.6
----	Infinity CL	56.8	57.9	12.5	12.3	32.5	15.95
----	Millennium	55.4	58.5	12.7	4.7	33.5	16.09
AGRIPRO	NuFrontier (W)	54.5	58.1	12.4	7.9	33.1	17.54
----	Wesley	54.3	56.6	12.7	6.9	28.8	15.63
----	Trego(W)	54.3	58.5	12.3	9.5	29.9	15.79
----	Goodstreak	54.0	59.2	12.9	14.1	37.2	16.42
----	Alliance	53.9	57.4	12.1	9.8	32.6	16.91
----	2137	53.4	57.3	12.3	7.0	30.8	16.28
----	Hallam	53.4	55.8	12.3	13.7	33.3	15.75
----	Bond CL	53.2	55.6	12.1	11.8	32.1	17.56
----	Arrowsmith(W)	53.1	57.0	12.9	5.7	34.8	16.81
AGRIPRO	Jagalene	52.9	58.6	12.8	7.3	30.6	15.91
----	Pronghorn	51.3	58.9	12.7	25.8	36.1	16.48
----	Arapahoe	50.9	56.8	12.9	6.8	32.9	17.44
----	Jagger	50.8	57.4	13.3	7.8	30.9	16.18
----	Antelope(W)	50.7	57.4	12.8	7.8	30.2	15.94
----	2145	49.8	58.0	13.0	6.8	29.2	16.57
----	NW98S097(W)	47.6	57.2	13.0	2.4	29.3	17.96
----	Scout66	45.5	58.9	12.8	45.4	37.4	15.54
----	Nuplains (W)	44.3	57.8	13.0	5.8	29.0	17.42
Average all entries		52.7	57.6	12.7	10.5	32.2	16.5
Difference required for sig. 5%		5.4	1.2	0.4	10.6	1.2	1.2
		Five year averages					
----	Wahoo	58.9	56.6	12.1	7.1	32.3	16.15
----	Infinity CL	58.3	58.2	12.2	9.8	33.1	15.75
----	Millennium	57.4	58.6	12.3	3.7	33.9	15.8
AGRIPRO	NuFrontier (W)	56.5	58.4	12.0	6.7	34.1	17.14
----	Alliance	56.1	57.7	11.7	8.0	33.1	16.56
----	Wesley	56.1	57.0	12.5	5.3	29.3	15.33
----	Goodstreak	56.1	59.4	12.5	13.0	37.8	16.04
----	Trego(W)	55.9	58.7	11.9	7.7	30.5	15.41
----	Hallam	54.9	56.2	12.0	11.6	33.9	15.54
----	2137	54.8	57.5	11.9	5.7	31.3	16.1
----	Arrowsmith(W)	54.8	57.5	12.3	4.8	35.0	16.2
AGRIPRO	Jagalene	54.8	58.9	12.4	5.9	30.9	15.6
----	Jagger	53.5	57.8	12.8	6.3	31.4	15.86
----	Arapahoe	53.1	57.2	12.4	5.7	33.4	17.11
----	Pronghorn	53.1	59.2	12.3	22.7	37.3	15.97
----	Antelope(W)	52.4	57.6	12.3	6.5	30.9	15.72
----	2145	51.1	58.1	12.6	5.5	29.6	16.24
----	Scout66	47.2	59.3	12.4	38.4	38.1	15.21
----	Nuplains (W)	45.0	58.0	12.6	4.8	29.3	17.06
Average all entries		54.2	58.0	12.3	9.4	32.9	16.0
Difference required for sig. 5%		4.3	0.9	0.4	9.5	1.2	1.0

West Dryland Wheat Variety Tests - 2007

Cheyenne, Kimball, Scotts Bluff, Sioux & Box Butte Counties

Brand	Variety	Average Yield Bu/a	Cheyenne Yield Bu/a	Kimball Yield Bu/a	Scotts Bluff Yield Bu/a	Sioux Yield Bu/a	Box Butte Yield Bu/a	Bushel weight lb/bu	Plant height inches	Seed weight 000/lb	Grain protein pct
----	NI04420	57	62	55	41	59	66	60.3	30	16.77	11.8
----	NH03614	56	64	55	37	58	64	59.4	28	14.79	11.4
----	NI04421	56	64	54	42	55	65	59	29	17.29	10.9
AGRIPRO	TAM 111	55	62	54	43	55	63	59.3	30	17.2	11.2
----	NE02584	55	64	52	41	56	61	61.8	29	16.21	11.8
----	TAM112	55	59	56	43	53	64	60.1	29	17.75	11.3
----	Hatcher	54	63	56	39	45	66	60.2	27	16.09	10.5
----	NE01604	54	63	56	40	50	63	59.1	32	14.31	12
AGRIPRO	NuDakota(W)	54	62	52	34	54	70	58.1	27	16.4	11.9
----	Ripper	54	59	54	38	55	65	59.5	27	14.41	11.4
----	Wahoo	53	58	53	40	52	61	58.6	30	16.62	11.4
----	Harry	53	56	57	39	52	63	57.4	30	19.23	11.7
----	Infinity CL	53	57	54	40	53	62	58.9	31	18.6	12
Husker Genetics	Overland (NE01643)	53	63	53	34	49	66	60	30	14.85	11.7
AGRIPRO	NuGrain(W)	53	62	51	38	54	58	61.6	27	19.95	12.1
----	Alliance	52	54	55	38	50	62	58.5	30	18.95	11.3
----	Pronghorn	52	56	51	38	55	60	60.9	34	17.61	11.6
----	2137	52	59	51	35	53	64	58.9	28	18.29	11.1
----	Trego(W)	52	60	55	37	53	57	60.1	27	17.62	11.4
AGRIPRO	Jagalene	52	63	50	36	47	63	60.9	28	16.45	11.7
WESTBRED	Smokey Hill	52	61	52	34	45	66	59.7	28	16.75	12.1
----	RonL	52	61	54	36	51	57	59.7	26	17.13	11.3
WESTBRED	Keota	52	63	54	36	48	61	59.6	30	13.87	11.3
----	Bond CL	51	56	52	39	50	59	57.3	30	17.85	11.1
AGRIPRO	PostRock	51	59	53	36	50	59	60.2	28	17.33	11.8
AGRIPRO	Hawken	51	60	52	35	47	61	59.6	26	18.54	11.3
----	Arapahoe	50	58	51	36	47	56	58.6	31	18.97	12.2
----	Wesley	50	54	52	32	53	60	57.9	28	14.11	12.1
----	Goodstreak	50	51	50	39	47	61	60.4	34	19.12	12.1
----	NE01481	50	58	49	34	47	62	58.7	31	17.94	11.3
----	Darrell	50	56	51	37	48	60	59.4	31	17.43	12.2
----	Millennium	49	58	50	35	46	58	59.7	31	16.56	12
----	Antelope(W)	49	54	49	34	47	63	59.9	29	16.84	11.7
----	Avalanche	49	53	48	36	48	58	61.2	29	15.63	11.8
----	NW98S097(W)	49	52	51	36	50	57	59.6	29	17.3	11.8
----	Millennium CL	49	58	51	32	48	56	60.3	30	16.97	12.3
----	Alice	49	60	49	26	54	55	59.2	27	16.7	12.2
AGRIPRO	NuFrontier (W)	48	55	50	38	43	56	56.6	30	20.23	12.1
----	Scout66	47	49	46	35	49	55	60	36	16.13	11.6
----	N02Y5117	47	58	46	35	45	49	55.9	27	21.17	11.9
----	Buckskin	46	45	47	36	48	54	60.3	34	17.3	12
----	Nuplains (W)	46	54	49	32	42	54	61.1	27	18.07	12.9
----	Arrowsmith(W)	46	52	51	34	47	48	59.5	33	17.04	13.2
----	2145	46	54	45	31	47	54	59.9	27	20.15	12.8
----	Turkey	42	44	43	31	43	48	59.3	35	16.92	12.5
Average all entries		49.9	56.4	50.4	35.6	49.0	58.6	58.2	28.9	16.9	11.5
Difference Req for sig. 5%		1.2	7.5	3.9	4.8	4.6	7.6	0.7	0.4	3.0	0.2

West Central Dryland Wheat Variety Tests - 2007
Keith, Furnas, Red Willow, and Lincoln Counties

Brand	Variety	Average Yield Bu/a	Keith Yield Bu/a	Furnas Yield Bu/a	Red Willow Yield Bu/a	Lincoln Yield Bu/a	Bushel weight lb/bu	Plant height inches	Seed weight 000/lb	Plant lodging pct	Grain protein pct
AGRIPRO	Art	74	62	74	88	70	59.4	34	16.65	23	11.9
----	NE01604	72	67	64	86	71	57.9	39	14.65	24	12
----	NH03614	72	70	66	83	67	58.5	35	13.61	22	11.5
----	NI04420	71	65	75	81	64	59.1	37	14.52	25	11.6
Husker Genetics	Overland (NE01643)	70	64	71	79	64	59.1	38	15.5	22	11.9
----	Overley	70	61	71	82	65	59.6	36	13.67	20	11.7
AGRIPRO	PostRock	70	63	71	81	66	59.6	33	14.59	24	11.8
----	2137	69	64	71	77	62	58.4	36	16.83	24	11.3
AGRIPRO	TAM 111	69	64	61	87	63	58.7	37	15.8	23	11.2
----	Wesley	68	66	63	79	65	57.5	33	14.98	23	11.6
WESTBRED	Smokey Hill	68	70	64	79	58	57.1	35	21.35	22	12.2
AGRIPRO	Hawken	68	66	68	85	54	58.2	32	15.9	21	12
----	Millennium	67	66	64	75	62	59.3	40	16.13	18	12
----	Arrowsmith(W)	67	63	63	75	67	57.3	42	15.56	18	11.8
----	Hallam	67	63	55	83	67	56.6	39	14.52	26	11.7
----	TAM112	67	70	55	78	64	58.7	35	17.91	27	11.5
----	Wahoo	66	67	60	71	65	56.4	38	15.31	24	11.9
----	Infinity CL	66	69	49	81	66	58.7	38	15.68	24	11.8
----	NE01481	66	70	57	76	61	56.5	38	20.04	25	11.5
----	NE02584	66	61	65	80	58	60.2	34	16.89	24	12
----	Goodstreak	65	64	49	74	71	60.1	44	14.64	25	12.1
----	NI04421	65	70	51	78	61	56.5	37	15.97	24	11.8
----	Millennium CL	65	62	67	73	59	60.3	38	17.61	11	11.8
----	Alliance	64	68	53	72	61	57.8	39	16.32	26	11.3
----	Trego(W)	64	68	55	77	55	57.5	35	16.58	23	11.1
AGRIPRO	NuFrontier (W)	64	67	56	78	55	58.2	39	16.57	23	11.8
----	Hatcher	64	69	53	78	56	57.3	34	15.56	24	11.5
----	Arapahoe	63	60	59	72	62	58.1	40	15.04	23	12.1
----	2145	63	57	65	78	52	57.7	33	16.53	23	12
----	NW98S097(W)	63	61	74	68	48	58.1	35	18.64	13	12.1
AGRIPRO	NuDakota(W)	63	63	57	80	51	55.3	33	16.16	23	12.1
WESTBRED	Keota	63	66	57	74	54	58.2	37	14.08	24	11.5
AGRIPRO	NuGrain(W)	62	59	63	71	56	57.8	32	20.3	22	12.3
----	Bond CL	61	62	55	75	53	55.7	38	18.57	25	11.5
----	Pronghorn	60	61	49	66	64	59.9	42	15.66	35	11.7
----	Antelope(W)	60	61	55	69	53	58	35	15.86	24	11.8
----	N02Y5117	60	60	55	72	51	57.3	34	15.76	24	12
----	Jagger	59	63	53	68	50	56.3	34	17.07	24	11.6
AGRIPRO	Jagalene	56	60	52	66	46	57.3	35	16.42	25	11.6
----	Ripper	56	70	53	58	43	54.5	35	15.77	24	12.3
----	Scout66	53	59	42	59	53	58.9	44	15.14	38	12.1
----	Nuplains (W)	50	56	55	50	40	57.5	34	16.21	20	11.8
Average		64.7	64.2	59.9	75.3	58.9	58.0	36.6	16.2	23.4	11.8
LSD .05		2.5	5.3	9.4	5.4	7.1	0.4	0.5	N.S.	2.9	0.1

West Dryland Wheat Variety Tests - 2003 - 2007

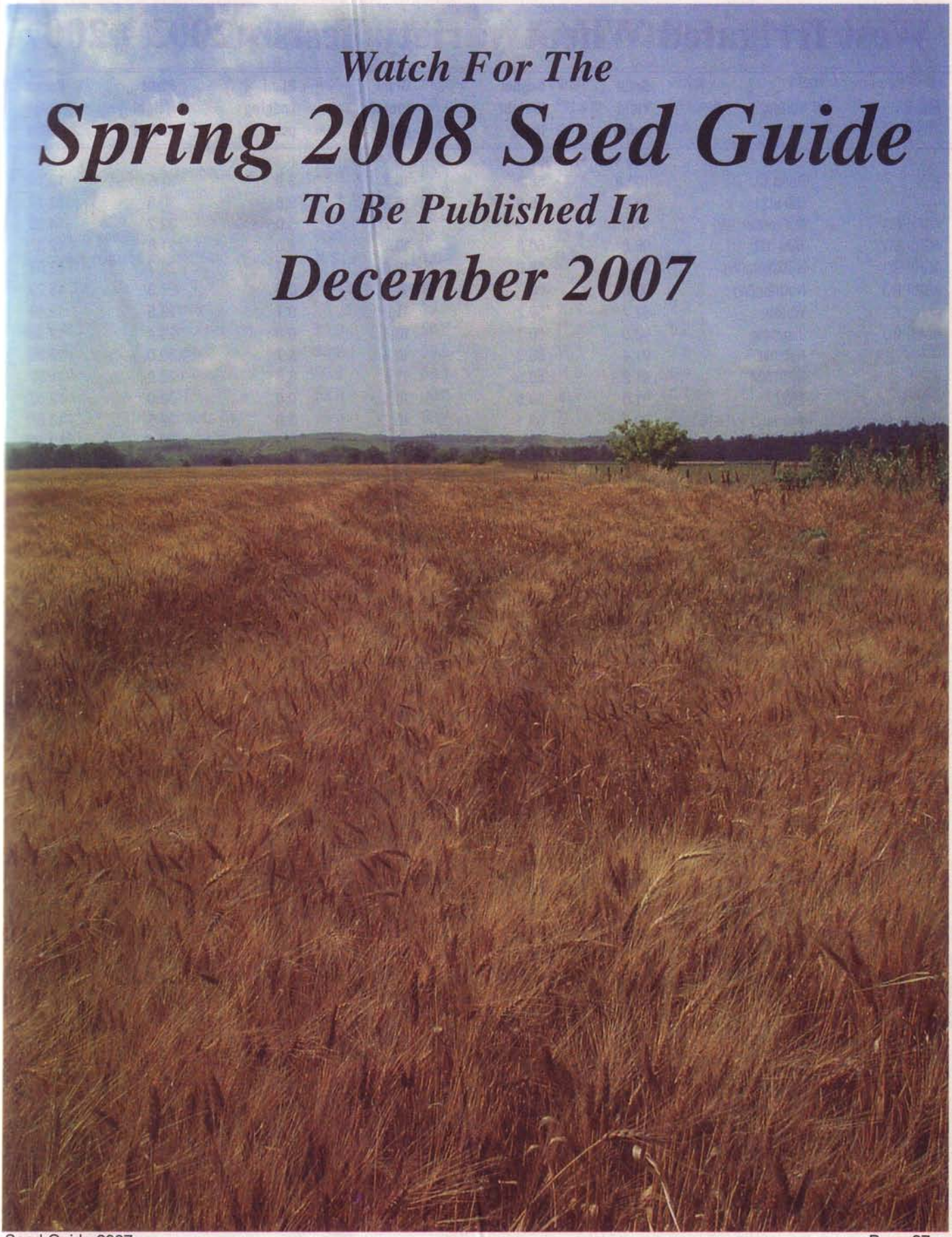
Brand	Variety	Grain Yield bu/a	Bushel Weight lb/bu	Grain Protein pct	Plant Height inches	Kernel Weight 000/lb
		Two year averages				
AGRIPRO	TAM 111	53.7	59.3	10.6	29.1	17.36
AGRIPRO	NuDakota(W)	53.5	57.9	11.1	27.0	16.44
----	NE02584	53.1	61.0	11.4	27.8	16.19
----	Hatcher	52.9	59.9	10.2	26.8	15.91
----	NH03614	52.6	58.3	10.9	27.5	15.82
----	Harry	52.5	56.4	10.6	28.7	18.36
Husker Genetics	Overland (NE01643)	52.2	59.5	11.0	29.2	15
----	NE01604	52.2	58.7	11.2	29.8	14.89
----	Infinity CL	51.6	58.5	11.3	29.3	17.64
AGRIPRO	NuGrain(W)	51	60.3	11.2	27.3	19.94
----	Wahoo	50.7	57.8	10.5	29.0	16.53
AGRIPRO	Jagalene	50.7	60.0	10.7	27.4	16.02
AGRIPRO	PostRock	50.6	59.9	11.2	28.5	16.02
----	Trego(W)	50.5	59.4	10.6	26.6	17.05
----	Pronghorn	50.3	59.7	10.9	30.8	17.4
----	Alliance	49.6	57.8	10.5	29.3	17.94
----	Bond CL	49.6	56.6	10.7	28.6	18.21
----	Goodstreak	49.5	60.0	11.4	32.7	18.17
----	Wesley	49.3	57.5	11.5	27.1	15.32
----	2137	49	57.5	10.8	28.2	17.08
----	Millennium	48.8	59.2	11.4	29.0	17.79
----	NE01481	48.7	58.2	11.0	28.8	16.35
----	Antelope(W)	48.4	59.0	11.5	28.3	16.02
----	Arapahoe	48.3	58.3	11.3	29.1	18.15
----	Buckskin	47.5	59.9	11.4	32.3	17.18
AGRIPRO	NuFrontier (W)	47.5	57.4	11.1	28.3	18.99
----	NW98S097(W)	46.9	59.4	11.3	27.5	16.48
----	Scout66	46.9	59.3	10.9	33.8	17.29
----	Arrowsmith(W)	46.5	59.7	11.7	31.1	16.24
----	N02Y5117	45.6	56.7	11.4	26.8	20.38
----	Nuplains (W)	45.4	60.8	11.8	26.7	17.38
----	2145	45.4	59.1	11.8	26.8	18.55
----	Turkey	42.7	59.3	11.7	31.8	17.38
Average all entries		49.5	58.9	11.1	28.8	17.1
Difference required for sig. 5%		2.8	1.4	0.7	2.6	1.9
		Three year averages				
----	Harry	47.9	57.0	10.2	28.9	16.85
----	Hatcher	47.4	60.0	9.8	26.7	14.95
Husker Genetics	Overland (NE01643)	47.3	59.7	10.5	29.4	14.76
AGRIPRO	TAM 111	46.4	59.7	10.5	29.0	15.88
----	Infinity CL	46.3	59.0	11.0	29.3	16.36
----	NE02584	45.9	60.8	11.0	26.9	15.41
----	Bond CL	45.6	57.1	10.1	28.1	16.97
AGRIPRO	NuGrain(W)	45.5	60.5	10.8	26.8	18.48
----	Alliance	45.3	58.2	10.1	28.7	16.67
----	Pronghorn	45.3	60.1	10.4	31.3	16.39
----	Trego(W)	45.1	59.7	10.3	26.3	15.66
----	Goodstreak	45.1	60.4	10.9	32.7	16.96
----	NE01604	45.1	58.8	10.9	29.2	14.44
----	Wahoo	44.8	57.8	10.3	28.7	15.78
AGRIPRO	Jagalene	44.7	60.0	10.5	27.0	15.16
----	2137	44.1	58.4	10.3	28.1	15.89
AGRIPRO	NuFrontier (W)	44	58.6	10.6	28.3	17.53
----	Millennium	43.9	59.3	11.0	29.7	15.62
----	NE01481	43.4	58.9	10.6	28.7	16.6
----	Buckskin	42.1	59.9	11.0	32.5	16.05
----	Antelope(W)	42.1	58.9	11.0	27.4	15.31
----	Arapahoe	41.9	58.6	11.0	29.1	17.29
----	N02Y5117	41.9	57.9	10.9	27.3	18.45
----	Wesley	41.5	57.3	11.5	25.8	14.96

West Dryland Wheat Variety Tests - 2003 - 2007, con't.

Brand	Variety	Grain Yield bu/a	Bushel Weight lb/bu	Grain Protein pct	Plant Height inches	Kernel Weight 000/lb
----	NW98S097(W)	41	59.3	11.0	27.6	16.25
----	Nuplains (W)	41	61.0	11.1	25.9	16.36
----	Arrowsmith(W)	40.7	59.7	11.3	31.4	15.35
----	Scout66	40.5	59.3	10.6	33.4	15.53
----	2145	39.2	59.4	11.3	26.1	17.32
----	Turkey	37.9	59.1	11.1	32.7	16.43
Average all entries		43.8	59.1	10.7	28.8	16.2
Difference required for sig. 5%		3.4	1.3	0.6	2.0	1.5
		Four year averages				
----	Hatcher	46.8	59.5	10.4	25.7	15.23
----	Harry	46.4	56.9	10.7	27.3	16.82
AGRIPRO	TAM 111	45.5	59.7	11.0	27.7	15.8
Husker Genetics	Overland (NE01643)	45.5	59.2	11.2	28.2	15.27
----	Infinity CL	45	58.7	11.4	27.9	17.31
----	Bond CL	44.9	56.5	10.6	27.1	16.39
----	Pronghorn	44	59.9	11.0	29.9	16.53
AGRIPRO	Jagalene	44	59.8	11.1	26.2	15.28
----	Trego(W)	43.7	59.4	10.9	25.0	15.62
AGRIPRO	NuFrontier (W)	43.7	58.7	11.0	27.0	16.77
----	Alliance	43.7	58.1	10.6	27.2	17.63
----	Goodstreak	43.6	60.1	11.4	31.1	16.99
----	Wahoo	43.5	57.7	10.9	27.4	15.95
----	2137	43.3	58.1	10.8	26.8	15.99
----	Millennium	42.4	59.4	11.5	28.3	15.92
----	Antelope(W)	41.9	58.6	11.4	26.0	15.63
----	Buckskin	41.3	59.9	11.4	31.2	16.25
----	Wesley	41.2	57.2	11.9	24.8	15.34
----	Arapahoe	40.6	58.6	11.6	27.6	17.39
----	NW98S097(W)	40	59.2	11.4	25.9	16.37
----	Scout66	39.2	59.2	11.1	31.7	15.68
----	Nuplains (W)	39.2	60.9	11.7	24.6	16.55
----	Arrowsmith(W)	38.9	59.8	12.0	29.6	15.62
----	2145	38.2	59.2	11.9	24.9	17.19
----	Turkey	36.5	59.0	11.6	31.1	16.63
Average all entries		42.5	58.9	11.2	27.6	16.2
Difference required for sig. 5%		2.7	1.0	0.5	1.6	1.1
		Five year averages				
----	Harry	49.2	57.1	10.5	27.8	16.26
----	Infinity CL	47.5	58.9	11.3	28.4	15.8
----	Pronghorn	46.9	60.3	10.9	30.9	15.49
----	Wahoo	46.9	57.9	10.8	28.0	16.88
AGRIPRO	NuFrontier (W)	46.8	59.4	10.8	27.8	15.81
AGRIPRO	Jagalene	46.6	60.2	11.0	26.6	14.84
----	Trego(W)	46.5	59.6	10.8	25.5	15.11
----	Goodstreak	46.4	60.5	11.3	31.9	16.26
----	Alliance	46.2	58.5	10.6	27.8	16.4
----	Millennium	45.5	59.8	11.3	28.8	15.44
----	2137	45.1	58.4	10.7	27.2	15.51
----	Antelope(W)	44.6	59.2	11.2	26.6	15.19
----	Buckskin	44.2	60.1	11.3	32.3	15.64
----	Wesley	44.1	57.7	11.8	25.4	14.85
----	Arapahoe	43.3	58.7	11.5	28.4	16.75
----	Arrowsmith(W)	42.2	60.0	11.7	30.2	15.25
----	Scout66	41.8	59.5	11.0	32.7	15.08
----	Nuplains (W)	41.8	61.3	11.4	25.1	16.1
----	2145	41.1	59.6	11.7	25.4	16.46
----	Turkey	39.2	59.5	11.5	32.2	16.07
Average all entries		44.8	59.3	11.2	28.5	15.8
Difference required for sig. 5%		2.3	0.8	0.4	1.4	0.9

West Irrigated Wheat Variety Tests - 2007
Cheyenne , Chase, and Goshen Counties NE and WY

Brand	Variety	Average Yield Bu/a	Cheyenne Yield Bu/a	Chase Yield Bu/a	Goshen Yield Bu/a	Bushel weight lb/bu	Plant height inches	Seed weight 000/lb	Plant lodging pct	Grain protein pct
----	Bond CL	99	124	96	78	59	34	12.57	0	10.3
----	CO01385-A1	99	128	93	76	60.4	29	13.38	1	9.9
----	NI04421	98	124	89	81	60.4	32	12.41	2	10.1
----	NE01604	96	124	90	73	60.1	35	11.25	1	11.0
AGRIPRO	NuFrontier (W)	95	120	88	78	61	34	13.34	0	10.3
----	NE02584	93	114	80	85	61.6	30	11.84	1	10.8
AGRIPRO	NuDakota(W)	93	115	90	75	59.5	30	12.11	1	10.9
AGRIPRO	TAM 111	92	128	92	56	61	34	11.64	1	10.3
Husker Genetics	Overland (NE01643)	92	111	89	77	60	35	12.12	0	10.3
----	Hatcher	92	120	92	65	60.3	32	12.16	1	10.7
----	NH03614	92	118	90	69	60.2	32	11.64	1	10.8
WESTBRED	Keota	92	114	85	78	60.3	33	10.17	0	11.0
AGRIPRO	NuGrain(W)	91	112	76	84	61.2	29	14.46	0	11.0
----	NE01481	91	117	85	70	59.6	35	13.00	2	9.9
----	RonL	91	113	89	70	59.8	30	12.50	0	9.9
AGRIPRO	Hawken	91	120	87	67	60.8	29	12.95	0	10.9
----	Wesley	90	114	87	68	59.8	30	12.08	0	10.8
----	NI04420	90	119	81	70	61.1	33	11.41	0	10.4
----	NW98S097(W)	88	110	82	73	61	32	13.29	0	10.4
----	Millennium	87	106	83	71	60.6	36	12.36	1	10.6
----	Antelope(W)	87	110	87	65	60.5	33	11.47	0	10.8
AGRIPRO	Jagalene	87	107	79	75	60.7	31	12.39	0	10.8
----	N02Y5117	86	110	86	63	59.4	32	13.55	1	10.8
----	NI04428	85	116	86	54	61.4	29	13.00	0	10.9
----	Darrell	85	108	85	62	60	36	12.50	1	10.6
----	2137	84	114	80	58	60.3	31	12.04	0	10.8
----	Nuplains (W)	83	107	77	66	61.2	32	12.47	1	10.5
AGRIPRO	PostRock	80	115	69	55	59.8	31	11.56	1	11.4
----	Alice	79	111	78	47	60.3	30	12.63	1	11.2
Average all entries		89.9	115.5	85.2	69.3	60.4	32.0	12.35	0.6	10.6
Difference Req for Sig. 5%		3.3	10.3	6.6	8.9	0.4	0.6	0.90	0.5	0.2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West Irrigated Wheat Variety Tests - 2003 - 2007

Brand	Variety	Grain Yield bu/a	Bushel Weight lb/bu	Grain Protein pct	Plant Lodging pct	Plant Height inches	Kernel Weight 000/lb
		Two year averages					
----	Bond CL	100.8	58.3	10.3	3.9	31.5	13.14
----	NI04421	98.9	59.6	10.2	9.6	30.8	13.16
AGRIPRO	NuFrontier (W)	97.0	59.9	10.7	3.0	32.2	14.28
AGRIPRO	TAM 111	96.8	60.6	10.7	4.0	31.8	12.37
AGRIPRO	NuDakota(W)	96.3	59.0	10.6	1.7	28.7	12.53
AGRIPRO	NuGrain(W)	92.8	60.7	11.2	0.3	27.3	15.29
----	Wesley	92.7	59.2	11.2	0.1	28.5	12.69
AGRIPRO	Jagalene	92.0	60.1	10.8	0.8	29.4	12.55
----	Hatcher	91.4	59.3	10.4	5.7	30.0	12.25
----	NE01604	91.2	59.5	11.0	6.8	32.2	11.56
----	2137	91.0	59.5	10.4	0.0	30.0	12.62
Husker Genetics	Overland (NE01643)	90.7	59.1	10.7	3.6	32.5	13.07
----	NE02584	90.5	60.7	11.0	0.6	29.2	12.49
----	Antelope(W)	90.3	59.8	10.9	0.1	30.5	11.87
----	NI04428	90.2	61.1	11.1	0.5	28.4	13.68
----	N02Y5117	89.9	58.9	10.9	2.5	29.6	14.24
----	NW98S097(W)	89.7	60.3	10.9	0.0	29.3	13.57
----	NE01481	89.6	58.9	10.5	8.6	32.3	13.67
----	Nuplains (W)	89.0	60.5	10.7	3.1	30.0	12.98
----	Millennium	87.5	59.9	10.7	4.7	33.3	13.11
AGRIPRO	PostRock	85.0	59.5	11.2	0.8	29.3	12.39
Average all entries		92.1	59.7	10.8	2.9	30.3	13.0
Difference required for sig. 5%		N.S.	0.6	0.4	N.S.	1.7	0.7
		Three year averages					
----	Bond CL	92.9	57.1	10.8	13.6	31.7	14.47
AGRIPRO	NuFrontier (W)	90.9	59.7	11.5	6.7	32.4	14.84
AGRIPRO	TAM 111	89.7	59.2	11.5	11.4	32.3	13.58
AGRIPRO	NuGrain(W)	88.4	59.9	11.8	4.0	27.5	16.23
----	Wesley	86.7	57.9	11.9	3.9	28.6	13.85
----	N02Y5117	85.9	57.2	11.5	4.3	30.1	15.25
AGRIPRO	Jagalene	85.7	58.7	11.6	11.4	29.8	13.81
Husker Genetics	Overland (NE01643)	85.3	58.5	11.3	10.8	32.5	14.38
----	Hatcher	85.0	58.1	10.9	14.0	30.3	13.33
----	Antelope(W)	84.5	59.1	11.5	6.3	30.6	12.88
----	2137	84.3	58.4	10.6	4.8	30.4	13.67
----	NW98S097(W)	84.2	59.0	11.4	0.0	29.8	14.53
----	Millennium	83.0	59.1	11.3	14.0	33.9	14.16
----	Nuplains (W)	81.7	59.3	11.5	9.3	29.9	14.39
Average all entries		86.3	58.7	11.4	8.1	30.7	14.2
Difference required for sig. 5%		5.1	1.1	0.6	9.9	1.1	0.7
		Four year averages					
----	Wesley	94.5	58.0	11.4	4.9	31.4	13.75
AGRIPRO	NuFrontier (W)	93.6	59.6	11.1	9.0	35.1	15.21
AGRIPRO	Jagalene	93.0	58.5	11.0	8.8	32.9	13.64
----	NW98S097(W)	92.4	59.1	10.9	0.2	32.9	14.35
Husker Genetics	Overland (NE01643)	90.5	58.5	10.8	8.8	35.1	14.19
----	2137	90.3	58.7	10.5	6.6	33.1	13.57

West Irrigated Wheat Variety Tests - 2003 - 2007, con't.

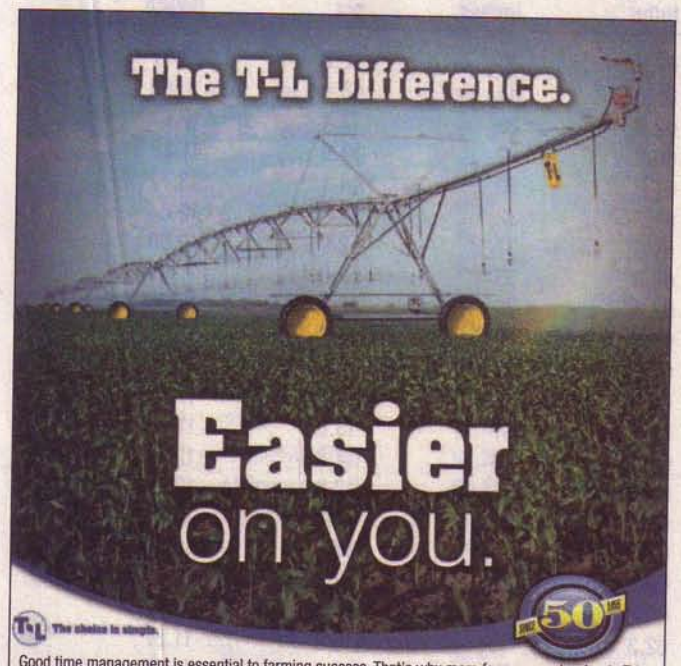
Brand	Variety	Grain Yield bu/a	Bushel Weight lb/bu	Grain Protein pct	Plant Lodging pct	Plant Height inches	Kernel Weight 000/lb
---	Antelope(W)	90.1	59.4	11.0	7.0	33.4	13.05
---	Nuplains (W)	87.3	59.2	10.9	10.2	32.5	14.15
---	Millennium	85.7	58.8	10.8	15.3	36.4	14.19
Average all entries		90.8	58.9	10.9	7.9	33.6	14.0
Difference required for sig. 5%		N.S.	1.0	N.S.	N.S.	1.0	0.8
		Five year averages					
---	Wesley	95.0	59.0	11.4	2.3	30.8	13.67
AGRIPRO	NuFrontier (W)	94.0	60.6	11.1	8.2	34.3	15.03
AGRIPRO	Jagalene	93.2	59.5	11.1	7.6	31.7	13.62
---	Antelope(W)	90.6	60.1	11.0	9.4	32.4	13.04
---	2137	88.0	59.4	10.5	6.7	32.0	13.43
---	Nuplains (W)	86.3	60.1	11.1	13.4	31.7	14.34
---	Millennium	85.6	59.7	10.9	18.2	35.3	14.41
Average all entries		90.4	59.8	11.0	9.4	32.6	13.9
Difference required for sig. 5%		5.8	0.9	N.S.	8.5	0.9	0.8

Holt County Irrigated Wheat - 2007

Brand	Variety	Average Yield Bu/a	Bushel weight lb/bu	Plant height inches	Grain protein pct	Seed weight 000/lb
---	CO01385-A1	78.6	62.6	30	12.7	13.77
---	NE01604	78.5	61.7	34	13.4	12.00
Husker Genetics	Overland (NE01643)	78.3	62.0	35	13.4	12.61
---	Wesley	78.1	60.8	32	13.8	11.12
AGRIPRO	Art	75.3	61.6	29	14.1	13.72
---	NH03614	75.0	61.7	32	12.3	12.64
---	Darrell	74.3	61.6	37	12.9	12.38
---	Antelope(W)	73.8	62.0	33	13.0	11.81
AGRIPRO	PostRock	73.5	62.4	31	13.9	12.36
---	RonL	73.0	60.3	29	13.5	12.19
---	Millennium	72.8	61.9	38	13.3	13.16
---	NI04420	72.3	62.2	35	13.6	11.79
---	Hatcher	72.3	61.9	31	13.0	11.46
---	2137	72.2	61.3	33	12.3	12.44
---	NE02584	70.9	63.0	31	12.8	12.14
AGRIPRO	Hawken	70.2	61.6	29	13.3	13.04
---	Alice	70.0	62.0	30	12.9	13.16
---	NI04421	69.8	60.8	33	12.8	14.92
---	Bond CL	69.6	60.2	35	11.8	14.27
---	NW98S097(W)	69.5	62.3	33	13.6	11.77
---	N02Y5117	68.1	61.0	31	13.2	15.21
---	NI04428	66.8	62.5	28	13.9	13.33
AGRIPRO	Jagalene	66.4	61.1	32	12.8	13.75
AGRIPRO	Neosho	62.6	59.8	30	12.9	15.71
---	Nuplains (W)	59.6	61.2	32	13.5	15.25
Average		71.7	61.6	32	13.1	13.04
LSD .05		8.1	1.1	2	N.S.	1.40

Panhandle Organic Wheat Variety Test - 2007

Brand	Variety	Grain Yield Bu/a	Bushel weight lb/bu	Plant height inches	Grain protein pct	Seed weight 000/lb
----	NE02584	74.3	61.8	34	11.9	17.19
----	Hatcher	73.1	57.3	36	10.8	16.26
----	Alice	71.8	60.3	34	11.8	17.59
----	NI04420	71.1	59.0	36	12.2	17.66
Husker Genetics	Overland (NE01643)	69.4	59.8	37	11.9	17.53
----	NI04421	66.0	56.4	36	12.3	20.03
----	NE01604	65.4	56.5	40	12.4	16.44
----	Wesley	65.2	56.5	33	12.3	18.92
----	Millennium	64.5	59.5	39	12	16.85
----	Antelope(W)	64.1	58.2	34	12.3	16.71
----	Harry	64.0	53.7	36	12.4	19.59
----	Wahoo	63.5	55.9	37	12.1	18.64
----	RonL	62.3	54.5	30	12.2	18.96
----	2137	61.8	56.6	34	11.9	18.98
----	Arapahoe	60.4	57.3	38	12.8	18.29
----	Darrell	60.1	58.8	37	12.8	18.17
----	NW98S097(W)	59.8	59.6	33	12.9	17.92
----	Arrowsmith(W)	59.7	60.0	38	13	17.12
----	Avalanche	59.6	57.3	37	12.4	16.68
----	N02Y5117	59.1	57.3	35	12.8	22.26
----	Pronghorn	58.5	60.1	43	12.4	17.72
----	Alliance	57.5	55.9	37	12.1	20.61
----	Goodstreak	55.4	58.9	43	12.7	19.98
----	Buckskin	51.9	59.2	43	12.6	19.24
Average		63.3	57.9	37	12.3	18.31
LSD .05		7.0	1.6	3	0.8	2.3



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Panhandle Organic Wheat Variety Tests - 2005 - 2007

Brand	Variety	Grain Yield bu/a	Bushel Weight lb/bu	Grain Protein pct	Plant Height inches	Kernel Weight 000/lb
		Two year averages				
---	Hatcher	62.5	55.6	10.5	16.62	31.5
Husker Genetics	Overland (NE01643)	61.0	57.9	11.6	19.52	33.5
---	NE02584	60.0	58.8	11.8	16.04	31.5
---	Wahoo	59.0	54.7	11.2	18.40	33.0
---	NE01604	59.0	55.1	12.4	16.65	35.0
---	Antelope(W)	58.0	56.1	11.4	18.25	31.0
---	Millennium	57.0	57.5	11.4	16.68	34.5
---	Harry	57.0	51.2	11.9	20.75	32.5
---	Wesley	56.5	54.6	11.8	17.40	30.0
---	2137	56.0	54.7	11.5	18.55	31.0
---	Pronghorn	55.5	58.2	12.1	18.06	38.5
---	Arapahoe	55.0	55.8	12.6	19.16	33.5
---	Arrowsmith(W)	54.5	56.9	12.4	18.62	34.5
---	N02Y5117	53.5	55.0	12.6	21.64	31.5
---	Alliance	53.0	55.2	11.4	19.40	33.5
---	Buckskin	51.0	57.4	11.7	18.81	38.0
---	NW98S097(W)	51.0	56.1	12.3	17.97	30.0
---	Goodstreak	50.5	56.9	12.3	20.83	37.5
Average all entries		56.1	56.0	11.8	18.52	33.4
Difference required for sig. 5%		N.S.	1.9	0.8	2.84	2.4
		Three year averages				
---	Wahoo	53.7	55.7	10.8	16.42	30.3
Husker Genetics	Overland (NE01643)	53.3	57.7	11.2	17.10	30.3
---	Harry	52.3	52.7	11.2	17.87	30.0
---	Antelope(W)	51.7	56.5	10.9	16.01	28.0
---	2137	51.3	55.6	10.9	16.19	28.7
---	Wesley	50.7	55.5	11.6	15.43	27.3
---	Alliance	50.3	55.8	10.5	16.94	30.0
---	Millennium	50.3	58.0	11.2	15.48	31.3
---	Pronghorn	50.0	58.0	11.3	16.04	34.7
---	Buckskin	48.7	57.4	11.1	16.45	34.3
---	Arrowsmith(W)	48.3	57.6	12.1	16.44	31.3
---	Goodstreak	47.3	57.7	11.5	18.13	33.7
---	NW98S097(W)	47.0	56.9	11.8	16.00	27.3
Average all entries		50.4	56.5	11.2	16.50	30.6
Difference required for sig. 5%		N.S.	1.8	0.8	N.S.	2.0

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STRENGTH TO GROW ON

Wheat yields at all locations tested

Ranked according to relative performance across areas where tested

Brand	Variety	LOC1	LOC2	LOC3	LOC4	LOC5	LOC6	LOC7	LOC8	LOC9	LOC10	LOC11	LOC12	LOC13	LOC14	LOC15	LOC16	LOC17	LOC18
		Numeric code of county where tested Key at bottom of page																	
		BUSHELS PER ACRE																	
Husker Genetics	Overland (NE01643)	77.3	65.5	90.8	49.6	63.7	70.7	79	63.6	63.5	52.7	34.2	51.8	65.9	111.3	88.9	76.9	78.3	69.4
----	NE01604	66.8	52.5	88.1	43.8	67.2	64.1	86.2	70.8	62.8	55.5	40.3	53.2	63.1	124.5	90	72.6	78.5	65.4
----	NI04420	60.8	51.7	81.9	46.8	64.7	75	81.3	63.9	62.3	55	40.6	61.9	65.6	118.7	80.9	69.7	72.3	71.1
----	NE02584	61.8	53.6	84.4	46.3	60.7	64.9	79.7	58.3	63.7	51.7	40.6	58.7	60.9	114	80.4	85.2	70.9	74.3
----	NI04421	55.1	47.6	76.4	35.7	69.5	50.9	77.8	61.5	63.8	53.9	41.9	58.1	65.3	123.6	88.9	80.9	69.8	66
----	Millennium	72.5	63	87.9	48.1	66.5	63.8	75.3	61.7	57.8	50.4	35.4	48.6	57.7	105.8	82.8	71.4	72.8	64.5
----	Wesley	66.1	51.6	72	44.6	66.2	63.4	79.2	65.2	53.9	52	32.4	56.2	59.5	113.8	87.5	67.8	78.1	65.2
----	2137	61.9	47.8	87.1	49.4	64.4	71.1	77.2	62.3	59.4	51.1	34.6	55.4	63.9	114.5	79.9	57.5	72.2	61.8
----	N02Y5117	42.4	42.9	77.1	36.6	59.8	55.2	72	51.2	58.4	45.8	34.9	47.2	48.7	109.8	85.6	62.7	68.1	59.1
Partial Entries																			
WESTBRED	Santa Fe	70.8	55.7	81.7	62.6														
AGRIPRO	Art	69.9	56.4	87.3	61.2	62	73.8	87.8	70.4									75.3	
----	CO01385-A1														127.8	93.4	76.1	78.6	
----	Hallam	72.5	62	82.5	50.4	62.8	54.6	83	66.7										
----	NH03614	64.3	55	77.2	48.4	70.5	65.9	82.5	66.5	64.2	55.1	37.5	61.6	63.6	118.3	89.8	68.9	75	
AGRIPRO	TAM 111					63.9	61.2	86.5	63.4	61.9	53.6	42.6	57.5	62.7	128.3	92.4	56.3		
----	TAM112					70.1	54.7	78.5	63.7	58.5	56	42.8	56.2	63.7					
----	Infinity CL	64.7	57	87	43.8	69	48.6	81.4	66	56.8	54	39.8	56.1	61.7					
----	Overley	59	50.5	60	59.6	60.9	71.1	81.5	64.7										
----	Wahoo	68.6	59.5	81.2	39.7	66.7	60.1	71.2	65.2	57.7	52.6	39.9	54.8	61.3					63.5
----	Harry									55.8	57.2	39.2	54.9	63.4					64
WESTBRED	Smokey Hill	56.4	54.7	90.4	40.5	70	64.1	79.4	57.7	61.1	51.7	34.1	48	66.2					
----	Hatcher					68.5	52.8	78.3	56.4	62.7	56.2	39.2	47.9	66	120.4	92	64.5	72.3	73.1
----	NE01481	68.7	62	88.1	40.4	69.6	57.1	76.4	61	58.4	49.2	33.8	49.3	61.9	117.5	85.2	69.8		
AGRIPRO	NuDakota(W)				47.1	63.4	57.3	80	51	62.1	52.4	34.2	56.6	69.6	115.3	89.9	75.2		
AGRIPRO	Hawken	63	48.4	78.8	49.1	66.2	67.9	85.2	53.9	60.4	52	35.1	49.9	60.9	120.3	87	67	70.2	
----	Arapahoe	73.3	57.7	87	47.7	59.8	58.5	72.4	62.1	58.1	50.8	35.9	49.9	55.6					60.4
----	Bond CL					61.8	54.9	75.4	52.8	56.2	52.3	39.4	52.8	58.8	123.6	96.4	77.8	69.6	
----	RonL									60.8	54	36.3	53.4	56.7	113.3	89.3	70.1	73	
WESTBRED	Keota					66.3	57.1	73.8	54.1	62.9	54.3	36.1	50.4	60.8	114.1	85.1	77.7		
----	Trego(W)					68	54.5	77.3	54.6	59.8	55	36.6	56.4	57.1					
AGRIPRO	PostRock	65.7	49.4	74.6	49.1	63.4	70.9	81.3	66.2	58.6	53.1	36.4	52.4	58.7	114.6	69	54.8	73.5	
AGRIPRO	PostRock	65.7	49.4	74.6	49.1	63.4	70.9	81.3	66.2	58.6	53.1	36.4	52.4	58.7	114.6	69	54.8	73.5	
AGRIPRO	NuFrontier (W)					66.9	55.7	77.7	54.9	55.1	50.1	37.7	45.8	55.6	120.1	87.9	78.5		
----	Alliance					68.3	53.1	71.9	60.6	54.1	54.8	38.5	53.2	61.7					57.5
AGRIPRO	NuGrain(W)				33.3	58.9	62.6	71.1	56.3	61.5	50.5	37.9	57.5	58.2	112.1	76.2	83.9		
----	Millennium CL					61.6	66.5	72.7	59	58	50.7	32	50.4	56.1					
----	Arrowsmith(W)					62.6	63.3	75.4	66.9	52.4	51.2	34	49.4	48.1					59.7
----	Goodstreak					64.4	48.5	73.6	70.8	51.1	49.7	38.5	49.9	61					55.4
----	Darrell									55.9	50.9	37	51.1	60.2	108	85.2	61.8	74.3	60.1
----	Ripper					69.5	53.1	58.3	42.6	59	54.4	38.1	58.1	65.1					
----	Pronghorn					60.5	48.5	65.7	63.7	55.6	50.6	37.6	57.9	60					58.5
----	2145	49.6	48.8	76.8	52.7	57.1	64.8	77.5	52.3	54.5	45.4	30.7	49.5	54.4					
----	Avalanche									53	48.5	35.5	50.3	57.9					59.6
----	NW98S097(W)	49.3	33.3	67.4	48.4	60.9	73.7	68.4	48.3	52	50.7	36.1	52.7	57	109.5	81.6	73.4	69.5	59.8
----	Antelope(W)	50.8	36.7	74.3	37.1	61.4	54.6	69	52.7	53.6	48.9	34.1	49.7	63.4	109.9	87.5	65.1	73.8	64.1
----	Alice									59.8	48.9	26.5	57.1	54.6	111.4	78.1	46.8	70	71.8
----	NI04428														115.8	85.6	53.9	66.8	
----	Jagger				40.7	63.4	53.2	67.7	49.6										
----	Buckskin									45.5	46.7	36	51	54.4					51.9
----	Turkey	47.4	42.5	69.9	29.3					44.1	42.8	30.9	45	48.4					
----	Scout66	34.6	44.4	52.9	30.3	59.2	41.6	59.4	53	49.3	46.3	34.8	51.2	54.8					
AGRIPRO	Neosho	24.5	40.5	46.5	27.5													62.6	

Key to locations: 1=Saline, 2=Saunders, 3=Lancaster, 4=Clay, 5=Keith, 6=Furnas, 7=Red Willow, 8=Lincoln, 9=Cheyenne Dryland, 10=Kimball, 11=Scotts Bluff, 12=Sioux, 13=Box Butte, 14=Cheyenne Irr, 15=Chase Irr, 16=Lingle WY Irr, 17=Holt Irr, 18= Cheyenne Organic

Wheat bushel weights at all locations tested

Ranked according to relative performance across areas where tested

Brand	Variety	LOC1	LOC2	LOC4	LOC5	LOC6	LOC7	LOC8	LOC9	LOC10	LOC11	LOC12	LOC13	LOC14	LOC15	LOC16	LOC17	LOC18
		Numeric code of county where tested Key at bottom of page																
		POUNDS PER BUSHEL																
----	NE02584	64.6	58.4	55.6	64.2	57.6	61.1	57.8	61	63.1	61.9	61.5	61.4	61.8	60.9	62.2	63	61.8
----	NI04420	63.4	56.9	55.2	62.8	56.8	60.5	56.1	59.7	61.9	59.9	59.5	60.4	61.2	60.3	61.7	62.2	59
----	Millennium	64	56.5	55.2	63.1	56.1	59.9	58.1	59.6	60.9	59.6	59.1	59.3	59.9	60	61.9	61.9	59.5
Husker Genetics	Overland (NE01643)	63.9	56.5	54.5	62.1	56.4	60.2	57.5	60.7	60.8	59.9	59.7	58.9	59	59.3	61.6	62	59.8
----	2137	64.2	57.1	56.6	62.5	56.7	59	55.3	57.2	60.5	58.3	58.8	59.5	60.3	60.2	60.4	61.3	56.6
----	NW98S097(W)	62.2	54	52.4	63.5	55.6	59.4	53.7	58.5	61.6	62.2	59.8	55.7	60.4	61	61.5	62.3	59.6
----	Antelope(W)	62.2	53.5	53.3	62.1	55.7	59.2	55	58.2	60.7	59.8	59.7	61.2	60.2	60.2	61	62	58.2
----	NE01604	62.4	56.2	52.7	62	55.6	59.2	54.6	58.6	61.2	59.2	57	59.4	60.1	59.7	60.5	61.7	56.5
----	NI04421	60.7	53.5	51.4	61.8	52.4	57.7	53.9	57.2	60.2	59.7	57.6	60.5	59.8	60	61.3	60.8	56.4
----	Wesley	61.4	53.3	51.6	61.6	54.2	58.7	55.5	56.6	59.8	57.3	57.3	58.3	59.6	59.8	60.1	60.8	56.5
----	N02Y5117	61.4	53.9	55.5	62.1	54.7	58.3	54.1	57.8	59.5	59.8	58.5	43.7	59.3	59.6	59.3	61	57.3
Parial Entries																		
WESTBRED	Santa Fe	63.2	58.6	56.2														
----	Overley	62.9	58.6	56.9	62.3	58.1	60.9	57.1										
----	Pronghorn				62.4	57.5	60.8	58.8	60.2	61.5	60.5	60.4	61.8					60.1
----	Millennium CL				64.6	57.7	60.1	58.6	60.7	60.7	60.4	59.5	60.1					
----	Goodstreak				63	57.7	61.2	58.6	59.5	61.4	60.7	58.5	62					58.9
AGRIPRO	Art	63.9	57.5	55.6	63.3	57.1	60.4	56.7									61.6	
----	Avalanche								60	62	61.2	61	61.6					57.3
AGRIPRO	NuGrain(W)			54.8	64.3	55.1	57.4	54.3	59.3	62	61.9	62	62.8	60.2	61.6	61.7		
----	NI04428													62.2	61.5	60.5	62.5	
----	Buckskin								59.9	61.6	60.7	59.1	60.4					59.2
AGRIPRO	PostRock	64	56.6	55.1	62.8	57.1	60.1	58.2	59.3	61.1	60.5	59.1	61	60.1	60	59.2	62.4	
----	TAM 112				62.7	55.9	59.2	57.1	58.6	61.8	60.6	59.7	59.6					
----	Scout66	59.5	56.1	54.5	62.6	55.4	59.7	57.9	59.4	60.2	60.6	59	60.6					
AGRIPRO	TAM 111				63	56	59.6	56	57.6	61.4	60.5	59.3	57.9	60.9	61.1	61.1		
----	NH03614	63.2	56.7	55.7	61.5	56.9	59	56.4	58.3	60.5	59.6	59.1	59.6	59.3	60.6	60.7	61.7	
AGRIPRO	Hawken	64.2	56.8	52.4	62.2	56	58.5	56.2	58	61.2	59.6	59	60.1	60.9	60.3	61.3	61.6	
----	Turkey	63.2	56.5	55.1					59.3	59.9	59.4	58.4	59.5					
----	CO01385-A1													59.4	59.5	62.2	62.6	
----	Nuplains (W)	62	53.6	51.6	64.8	52.9	57.2	54.9	60.9	61.5	61.4	60.1	61.5	61	61.2	61.3	61.2	
----	Trego(W)				61.2	55.8	59	54	57.7	61.1	61.4	59.9	60.5					
----	Alice								60.3	60.7	55.1	60.3	59.8	60.6	59.7	60.7	62	60.3
WESTBRED	Keota				62	55.9	59.7	55.1	58.8	60.3	59	60.6	59.3	58.5	60.7	61.7		
----	Hatcher				61.3	54.7	58.3	54.7	59.2	61.2	61	59.3	60.2	59.2	59.9	61.7	61.9	57.3
----	Infinity CL	61.4	56	53.7	62.8	54.3	60	57.6	56.5	60.5	59.7	58.5	59.4					
----	Arapahoe	64.8	55.9	54.8	61.4	55.7	58.3	57	57.2	60	58.9	58.4	58.7					57.3
AGRIPRO	Jagalene	59.8	54.6	51.5	62.9	54.8	57.5	54	60.3	61.5	60.8	60.3	61.5	59.5	60.4	62.2	61.1	
----	2145	62.2	54.1	54.2	62.3	55.1	58.7	54.5	58.8	61.4	59.6	59.3	60.3					
----	Darrell								58.7	59.1	60	59.3	59.8	60.4	59.4	60.2	61.6	58.8
----	Arrowsmith(W)				63.6	52.4	57.7	55.3	58.8	60.5	60.2	59.2	58.8					60
----	RonL								58.6	60.9	60.6	58.9	59.4	57.9	59.6	61.8	60.3	
----	Alliance				61.1	54.3	59.2	56.6	56.8	59.8	58.6	56.9	60.2					55.9
----	NE01481	62.1	56.1	52.7	61.8	53.6	56.1	54.6	57.1	59.4	59.1	58.8	59.2	59.9	58.2	60.7		
WESTBRED	Smokey Hill	59.4	54.9	49.4	62	53.8	57.9	54.6	57.8	61.5	59.3	59.8	60					
AGRIPRO	NuFrontier (W)				63	55.1	60.3	54.3	57.6	60.6	60.5	58.4	45.7	60.5	59.8	62.8		
----	Hallam	62	54.4	54.3	60.3	53.1	58	54.8										
----	Wahoo	62.5	54.3	52.8	61.1	53.2	56.5	54.9	57.6	59.9	59.1	57.5	58.9					55.9
----	Jagger			54.1	60.9	54.1	56.6	53.7										
----	Ripper				60.9	51.9	54	51.3	58.5	60.1	59.8	58.3	60.6					
AGRIPRO	NuDakota(W)			50.5	61	53.1	57.1	50	56.3	59.8	57.4	58.9	58.2	60.4	58.5	59.6		
AGRIPRO	Neosho	58.5	55.9	51.9													59.8	
----	Bond CL				59.3	53.7	56.2	53.7	55	56.8	58.5	57	59	57.2	59.8	59.9	60.2	
----	Harry								55.7	58.3	57.4	56.8	59					53.7

Key to locations: 1=Saline, 2=Saunders, 4=Clay, 5=Keith, 6=Furnas, 7=Red Willow, 8=Lincoln, 9=Cheyenne Dryland, 10=Kimball, 11=Scotts Bluff, 12=Sioux,13=Box Butte, 14=Cheyenne Irr, 15=Chase Irr, 16=Lingle WY Irr, 17=Holt Irr., 18= Cheyenne Organic

Wheat protein at all locations tested

(arranged alphabetically)

Brand	Variety	LOC1	LOC2	LOC3	LOC4	LOC6	LOC7	LOC8	LOC9	LOC10	LOC11	LOC13	LOC14	LOC15	LOC17	LOC18
		Numeric code of county where tested Key at bottom of page														
		PROTEIN PERCENT														
----	2137	11.4	12.0	11.1	11.6	10.8	11.2	11.8	11.7	9.8	10.2	12.7	8.1	12.0	12.3	11.9
----	2145	11.9	12.7	11.3	12.3	11.3	12.0	12.7	13.9	11.5	12.0	13.6				
----	Alice								12.8	10.4	12.5	12.9	8.8	12.9	12.9	11.8
----	Alliance					10.6	11.5	11.8	12.6	8.5	10.5	13.4				12.1
----	Antelope(W)	11.8	12.7	11.6	13.1	11.3	11.6	12.5	12.9	10.1	10.5	13.3	8.9	12.2	13.0	12.3
----	Arapahoe	12.1	12.5	12.2	12.9	11.8	11.9	12.7	13.1	10.2	11.5	13.9				12.8
----	Arrowsmith(W)					11.3	12.1	12.1	14.6	10.2	12.2	15.6				13.0
----	Avalanche								12.3	10.1	10.9	13.8				12.4
----	Bond CL					11.4	11.1	12.0	12.3	10.0	9.9	12.2	8.3	11.8	11.8	
----	Buckskin								13.0	9.7	11.1	14.2				12.6
----	CO01385-A1												9.4	11.3	12.7	
----	Darrell								12.8	11.1	10.7	14.3	9.2	12.1	12.9	12.8
----	Goodstreak					11.4	12.2	12.7	13.3	10.4	10.0	14.6				12.7
----	Hallam	11.6	12.1	12.1	12.3	11.3	12.0	11.7								
----	Harry								12.7	10.7	9.8	13.5				12.4
----	Hatcher					11.2	11.6	11.7	11.7	8.5	9.3	12.5	8.5	12.0	13.0	10.8
----	Infinity CL	11.1	12.2	12.1	11.9	11.5	11.9	12.0	12.7	10.5	10.8	14.1				
----	Jagger				12.1	10.7	11.7	12.5								
----	Millennium	11.6	12.7	11.8	12.4	11.6	12.0	12.3	12.4	10.8	10.9	13.7	8.2	12.1	13.3	12.0
----	Millennium CL					11.1	11.9	12.3	12.8	10.5	11.9	13.9				
----	N02Y5117	11.6	12.6	11.9	13.0	11.6	11.9	12.4	13.2	10.4	10.7	13.1	9.7	11.9	13.2	12.8
----	NE01481	11.1	11.5	11.0	11.9	11.0	11.9	11.7	11.7	9.9	10.4	13.2	8.2	11.6		
----	NE01604	11.9	12.4	12.6	12.8	11.9	11.8	12.4	12.3	10.7	10.8	14.2	8.8	12.6	13.4	12.4
----	NE02584	11.5	12.4	11.8	12.3	11.3	11.8	12.8	12.5	10.2	11.0	13.3	9.0	12.3	12.8	11.9
----	NH03614	11.3	11.8	11.1	11.7	10.5	11.7	12.2	12.6	9.7	10.3	13.0	8.7	11.8	12.3	
----	NI04420	11.8	12.8	11.4	12.4	11.0	11.8	11.9	13.1	10.3	10.1	13.6	9.0	12.1	13.6	12.2
----	NI04421	11.5	12.7	11.5	12.9	11.2	11.9	12.2	11.7	9.2	9.2	13.6	8.5	11.6	12.8	12.3
----	NI04428												8.6	12.4	13.9	
----	Nuplains (W)	11.2	12.4	10.9	12.5	11.6	11.6	12.1	13.7	11.3	11.8	14.7	8.3	12.3	13.5	
----	NW98S097(W)	11.8	13.3	12.5	12.9	11.9	11.9	12.6	12.8	9.7	10.4	14.2	9.1	12.3	13.6	12.9
----	Overley	12.1	12.9	12.1	12.4	10.5	12.0	12.7								
----	Pronghorn					11.3	12.0	11.8	12.2	9.7	10.6	13.9				12.4
----	Ripper					12.0	12.1	12.8	12.7	9.3	10.6	13.0				
----	RonL								12.5	9.9	9.9	13.0	8.3	11.6	13.5	
----	Scout66	12.3	12.2	12.0	12.7	11.8	12.2	12.2	12.5	10.2	10.3	13.5				
----	TAM112					10.4	11.8	12.4	13.0	9.8	9.4	13.0				
----	Trego(W)					10.4	11.2	11.6	12.8	10.5	9.6	12.8				
----	Turkey	12.3	13.3	11.8	13.5				13.2	11.2	11.0	14.6				
----	Wahoo	11.0	11.8	11.6	12.7	11.1	12.0	12.6	12.9	9.4	10.0	13.2				12.1
----	Wesley	11.3	12.1	12.0	12.2	10.9	11.8	12.1	13.5	9.2	11.3	14.4	9.3	12.5	13.8	12.3
AGRIPRO	Art	12.1	12.8	11.7	12.4	11.1	12.2	12.4							14.1	
AGRIPRO	Hawken	12.0	12.6	11.9	12.8	10.9	12.0	13.0	11.8	9.2	10.6	13.4	8.9	12.5	13.3	
AGRIPRO	Jagalene	11.6	12.2	11.2	12.2	10.9	11.8	12.1	12.3	10.0	10.9	13.5	8.6	12.7	12.8	
AGRIPRO	Neosho	11.3	11.8	10.9	11.9										12.9	
AGRIPRO	NuDakota(W)				12.4	11.1	11.9	13.2	12.6	10.7	11.1	13.2	8.2	12.3		
AGRIPRO	NuFrontier (W)					11.5	11.8	12.2	12.7	11.4	10.9	13.4	9.4	11.8		
AGRIPRO	NuGrain(W)				13.4	11.3	12.1	13.5	13.1	10.2	10.8	14.1	8.4	12.9		
AGRIPRO	PostRock	12.1	13.1	12.4	12.8	11.2	11.8	12.5	12.7	10.0	10.8	13.6	8.3	13.0	13.9	
AGRIPRO	TAM 111					10.3	11.7	11.7	11.9	9.7	10.1	12.9	9.1	12.0		
Husker Genetics	Overland (NE01643)	11.6	12.7	11.8	12.4	11.1	11.9	12.7	12.6	9.6	10.6	13.9	8.7	11.8	13.4	11.9
WESTBRED	Keota					10.8	11.6	12.0	11.9	9.6	10.9	12.9	8.8	12.4		
WESTBRED	Santa Fe	11.9	12.8	11.9	12.1											
WESTBRED	Smokey Hill	11.7	12.0	11.2	12.3	12.0	12.0	12.7	12.3	10.5	11.4	14.0				

Key to locations: 1=Saline, 2=Saunders, 3=Lancaster, 4=Clay, 6=Furnas, 7=Red Willow, 8=Lincoln, 9=Cheyenne Dryland, 10=Kimball, 11=Scotts Bluff, 13=Sioux, 14=Cheyenne Irr, 15=Chase Irr, 17=Holt Irr, 18= Cheyenne Organic

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Brown County	Furrow Irrigated	3, 5, 6, 8, 9, 10
Brown County	Pivot Irrigated	5, 6, 7, 8, 10
Cass County	Rainfed	1, 5
Clay County	Irrigated	1, 2, 8, 9, 10
Custer County	Irrigated	2, 3, 6, 7, 10
Dawson County	Irrigated	1, 3, 6, 9, 10
Dixon County	Rainfed	1, 3, 4, 6, 7, 8
Dundy County	Irrigated	1, 2, 3, 5, 7, 8, 9
Furnas County	Irrigated	1, 3, 4, 8, 9
Gage County	Rainfed	4, 5, 7
Holt County	Irrigated	1, 6, 7, 8, 10

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COUNTY	TEST	RANKING IN TOP TEN
Howard County	Irrigated	4, 5, 7, 8
Lincoln County	Irrigated	2, 3, 4, 6, 8, 9, 10
Nuckolls County	Rainfed	4, 6, 7, 10
Otoe County	Rainfed	1, 5, 7, 10
Pierce County	Irrigated	3, 5, 9
Red Willow County	Irrigated	2, 3, 9
Saline County	Rainfed	2, 5, 6
Saunders County	Rainfed	1, 2, 4, 9, 10
Thayer County	Irrigated	1, 3, 6, 10
York County	Irrigated	3, 4, 8, 10

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NEBRASKA
2006 Alfalfa Variety Test
Concord, Dixon County, Haskell Agricultural Laboratory
Dryland -- 2003 Seeding

	DRY MATTER TONS/ACRE*						
	2004[1]	2005[1]	2006				3-year
Entry	Total	Total	30-May	06-Jul	24-Aug	Total	Total
Released Cultivars							
Phirst	5.93	5.42	3.34	1.57	1.04	5.98	17.28
Jade II	5.73	5.41	3.40	1.64	0.89	5.94	17.15
Journey Brand 204	5.81	5.21	3.69	1.38	0.95	6.02	17.12
54Q25	5.75	5.68	3.02	1.54	1.07	5.66	17.05
Hybriforce-420/Wet	5.86	5.58	3.09	1.57	1.00	5.65	17.02
Prolific	5.71	5.69	3.25	1.40	1.01	5.63	16.94
6530	5.79	5.38	3.36	1.49	0.90	5.76	16.83
Goldleaf	5.92	5.29	3.12	1.53	0.86	5.50	16.72
DKA 33-16	5.89	5.39	3.12	1.45	0.93	5.52	16.71
WL 357 HQ	5.62	5.69	2.66	1.68	0.97	5.31	16.69
Wrangler	5.43	5.61	3.54	1.35	0.85	5.71	16.68
A 30-06	5.67	5.48	3.17	1.53	0.89	5.60	16.68
Maximizer	5.62	5.55	2.80	1.51	0.97	5.33	16.59
54V46	5.66	5.15	3.07	1.59	0.95	5.63	16.51
Vernal	5.40	5.31	3.59	1.17	0.89	5.65	16.38
Masterpiece	5.72	5.21	3.05	1.54	0.90	5.46	16.37
Arapaho	5.63	5.27	2.84	1.50	0.95	5.28	16.22
GH711	5.77	5.30	2.80	1.49	0.83	5.14	16.21
WL 319 HQ	5.86	5.39	2.57	1.42	0.83	4.86	16.17
6400HT	5.39	5.24	3.25	1.48	0.79	5.52	16.12
Trump II	5.64	5.21	2.93	1.34	0.88	5.16	16.12
Notice II	5.42	5.30	3.03	1.51	0.97	5.47	16.11
Power 4.2	5.49	5.41	2.55	1.46	0.97	4.96	15.85
DKA 50-18	5.22	5.30	2.76	1.61	0.95	5.30	15.78
Experimental Strains							
Americas Alfalfa Z-1	5.28	5.26	3.03	1.53	0.87	5.40	15.89
Americas Alfalfa Z-2	5.32	5.03	2.84	1.27	0.86	4.97	15.39
GG 201	4.06	4.70	2.94	1.34	0.82	5.09	13.85
Experiment mean	**5.58**	**5.35**	**3.07**	**1.48**	**0.92**	**5.46**	**16.39**
CV (%)	6.14	6.45	10.23	10.26	9.31	6.92	3.80
MCV (%)	8.59	9.03	14.39	14.44	13.11	9.74	5.35
LSD (0.05)	0.48	0.48	0.44	0.21	0.12	0.53	0.88
LSD (0.25)	0.28	0.28	0.26	0.13	0.07	0.31	0.52
LSR (%)	25.63	48.89	38.66	41.70	44.52	45.86	25.52

* Variety means are LSMEANS derived from spatial variability statistical analysis for mixed models.
Therefore, year or multiple-year totals will not be the arithmetic sum of individual cuts or years, respectively.
[1]=3 cuts

DESIGN: Randomize block
METHOD OF SEEDING: V-belt drill
SOIL TYPE: Moody silty clay loam
PLOT SIZE: 5 rows 3' by 15'
PLANTING DATE: 8-15-03
REPS: 4

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NEBRASKA 2006 Alfalfa Variety Test

Concord, Dixon County, Haskell Agricultural Laboratory Dryland -- 2006 Seeding

Entry	Dry Matter Tons/Acre* 2006 24-Aug
Released Cultivars	
A 4440	1.52
Mariner III	1.39
GH 727	1.37
Genoa	1.36
Ameristand 407TQ	1.36
Wrangler	1.30
DKA41-18RR	1.29
54V46	1.29
4A421	1.23
L 447HD	1.21
WL 343HQ	1.19
WL 355RR	1.17
Hybri+ 421	1.17
FSG 406	1.16
53Q30	1.15
Vernal	1.11
4G418RR	1.05
Experimental Strains	
DS 615	1.48
DS 616	1.32
4S419	1.25
DS 417	1.23
Experiment mean	**1.27**
CV (%)	23.32
MCV (%)	32.66
LSD (0.05)	0.41
LSD (0.25)	0.24
LSR (%)	142.80

* Variety means are LSMEANS derived from spatial variability statistical analysis for mixed models.

DESIGN: Randomize block PLOT SIZE: 5 rows 3' by 15'

METHOD OF SEEDING: Carter cone drill PLANTING DATE: 5-9-06

SOIL TYPE: Moody silty clay loam REPS: 4

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NEBRASKA
2006 Alfalfa Variety Test
Havelock, Lancaster County, Agronomy Research Farm
Irrigated -- 2004 Seeding

			Dry Matter Tons/Acre*						
	Seeding Year[1]	2005[2]	2006						2-year
Entry	Total	Total	16-May	14-Jun	13-Jul	25-Aug	20-Oct	Total	Total
Released Cultivars									
54V46	4.42	10.03	2.68	2.08	1.62	2.84	1.22	10.51	20.60
FSG 408 DP	4.45	9.96	2.87	2.00	1.55	2.78	1.19	10.38	20.28
54Q25	4.50	9.80	2.73	2.04	1.60	2.75	1.21	10.22	20.07
FSG 351	4.61	9.94	2.64	1.87	1.51	2.85	1.21	10.08	20.02
Jade III	4.70	9.84	2.55	1.88	1.38	2.66	1.14	9.66	19.47
6530	4.56	9.54	2.62	1.91	1.54	2.44	1.22	9.71	19.34
6400HT	4.66	9.36	2.64	1.88	1.45	2.82	1.14	9.82	19.12
Hybriforce-420/Wet	4.79	9.28	2.59	1.93	1.54	2.63	1.18	9.87	19.06
WL 335 HQ	4.35	8.98	2.73	1.87	1.49	2.65	1.19	10.03	19.03
Vernal	4.56	9.33	2.71	1.79	1.38	2.82	1.02	9.68	18.85
54H91	4.61	9.42	2.64	1.58	1.29	2.61	1.17	9.29	18.59
Wrangler	4.52	8.69	2.67	1.77	1.36	2.76	1.10	9.61	18.29
Experimental Strains									
ZG 0340A	4.66	9.37	2.60	1.94	1.51	2.65	1.15	9.86	19.19
ZG 0341A	4.05	9.23	2.63	1.94	1.42	2.65	1.11	9.74	19.01
Experiment mean	**4.53**	**9.48**	**2.67**	**1.91**	**1.49**	**2.71**	**1.17**	**9.93**	**19.39**
CV (%)	8.00	6.77	6.23	8.90	10.50	6.72	6.87	4.26	4.51
MCV (%)	11.43	9.67	8.81	12.58	14.86	9.50	9.72	6.02	6.38
LSD (0.05)	0.52	0.92	0.23	0.24	0.22	0.26	0.11	0.60	1.24
LSD (0.25)	0.30	0.54	0.14	0.14	0.13	0.15	0.07	0.35	0.72
LSR (%)	70.10	68.40	72.12	43.03	57.92	63.53	55.39	49.00	53.52

* Variety means are LSMEANS derived from spatial variability statistical analysis for mixed models.
Therefore, year or multiple-year totals will not be the arithmetic sum of individual cuts or years, respectively.
[1]=3 cuts
[2]=5 cuts

DESIGN: Randomized block
METHOD OF SEEDING: V-belt drill
SOIL TYPE: Crete silt loam
PLOT SIZE: 5 rows 3' by 15'
PLANTING DATE: 4-29-04
REPS: 4

Alfalfa Variety Trial

Alfalfa variety trials are seeded annually in east central Nebraska at the UNL Agronomy Farm near Lincoln. Trials are seeded every third year on a cyclical basis at the Northeast Research and Extension Center near Concord, at the Panhandle Research and Extension Center near Scottsbluff, and in the Platte Valley in Dawson County. Plots are sprinkler irrigated at the Panhandle and East Central sites. Northeast and Dawson County sites are rainfed only although there is substantial natural subirrigation at Dawson County sites.

Herbicides usually are used at establishment but only rarely thereafter. Plots are fertilized according to UNL recommendations and generally only require phosphorus.

Harvest management of alfalfa in East Central and Panhandle plots generally is relatively intensive as would be used to achieve high quality forage, usually receiving 5 and 4 annual cuttings, respectively. Dawson County and Northeast alfalfa plots are harvested less intensively for more moderate quality alfalfa, often receiving 4 and 3 cuttings, respectively.

Trials are harvested for yield comparisons during the seeding year when weeds or other factors would not bias the results. Three full harvest years of yield comparisons are gathered when possible after the seeding year.

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NEBRASKA
2006 Alfalfa Variety Test
Havelock, Lancaster County, Agronomy Research Farm
Irrigated -- 2005 Seeding

	Dry Matter Tons/Acre*					
	2006					
Entry	25-May	29-Jun	03-Aug	01-Sep	20-Oct	Total
Released Cultivars						
FSG 505	2.04	1.81	1.58	1.31	0.75	7.59
54V46	2.05	1.85	1.59	1.30	0.78	7.57
Integrity	2.02	1.97	1.52	1.24	0.69	7.52
WL 357 HQ	1.89	1.82	1.61	1.33	0.78	7.47
Meadowlark	2.00	1.88	1.56	1.24	0.72	7.36
FSG 351	2.16	1.72	1.50	1.26	0.74	7.35
Hybri+ 421	1.82	1.75	1.58	1.34	0.78	7.25
6400 HT	1.97	1.76	1.53	1.24	0.71	7.25
6530	1.93	1.80	1.54	1.25	0.72	7.24
Escalade	1.88	1.83	1.61	1.20	0.72	7.22
Marvel	1.74	1.92	1.63	1.17	0.71	7.18
A-4440	1.98	1.88	1.47	1.22	0.66	7.15
Rebound 5.0	1.69	1.89	1.64	1.17	0.77	7.08
FSG 408DP	1.85	1.83	1.46	1.17	0.69	7.04
Profast	1.74	1.83	1.53	1.17	0.75	6.95
Wrangler	1.76	1.62	1.46	1.13	0.70	6.73
54H91	1.71	1.60	1.53	1.11	0.66	6.59
Vernal	1.65	1.65	1.37	1.15	0.62	6.50
Experimental Strains						
ms Sunstra 507	2.14	1.87	1.67	1.31	0.72	7.57
AA 112 E	1.96	1.84	1.54	1.24	0.77	7.45
AA 104 E	1.80	1.86	1.61	1.26	0.76	7.40
AA 109 E	2.03	1.88	1.53	1.28	0.72	7.38
ms Sunstra 505	1.88	1.86	1.60	1.33	0.70	7.33
ms Sunstra 506	1.66	1.87	1.62	1.34	0.71	7.29
DS 204 Hyb	1.84	1.86	1.54	1.21	0.74	7.23
OK 169 Syn3	1.58	1.80	1.56	1.23	0.71	7.01
Experiment mean	**1.88**	**1.82**	**1.55**	**1.24**	**0.72**	**7.22**
CV (%)	12.54	9.63	9.27	9.70	9.28	5.15
MCV (%)	17.55	13.48	12.97	13.59	12.99	7.20
LSD (0.05)	0.33	0.24	0.20	0.17	0.09	0.52
LSD (0.25)	0.19	0.14	0.12	0.10	0.06	0.31
LSR (%)	57.19	65.37	68.20	71.34	58.01	47.63

* Variety means are LSMEANS derived from spatial variability statistical analysis for mixed models.
Therefore, year or multiple-year totals will not be the arithmetic sum of individual cuts or years, respectively.

DESIGN: Randomized block PLOT SIZE: 5 rows 3' by 12'
METHOD OF SEEDING: Carter cone drill PLANTING DATE: 8-2005
SOIL TYPE: Crete silt loam REPS: 4

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NEBRASKA 2006 Alfalfa Variety Test

Havelock, Lancaster County, Agronomy Research Farm Irrigated -- 2006 Seeding

	Dry Matter Tons/Acre*			
	2006			
Entry	30-Jun	25-Aug	20-Oct	Total
Released Cultivars				
54V46	1.52	2.62	1.15	5.32
Vernal	1.75	2.39	1.14	5.29
Hybri+ 421	1.74	2.47	1.10	5.28
L 447HD	1.47	2.51	1.20	5.20
WL 355RR	1.58	2.47	1.11	5.16
Wrangler	1.59	2.35	1.11	5.06
4G418RR	1.50	2.39	1.12	5.00
Mariner III	1.57	2.31	1.08	5.00
425RR	1.57	2.25	1.11	4.96
53Q30	1.52	2.26	1.09	4.94
WL 343HQ	1.48	2.28	1.06	4.80
FSG 406	1.59	2.06	1.10	4.75
Experimental Strains				
4S419	1.68	2.52	1.16	5.34
msSunstra-601	1.71	2.47	1.06	5.31
msSunstra-602	1.57	2.63	1.10	5.29
FG 44M123	1.53	2.60	1.11	5.24
msSunstra-603	1.75	2.35	1.10	5.22
FG 44M318	1.49	2.49	1.11	5.05
Experiment mean	**1.59**	**2.41**	**1.11**	**5.12**
CV (%)	11.09	9.20	7.46	6.37
MCV (%)	15.61	12.95	10.50	8.96
LSD (0.05)	0.25	0.31	0.12	0.46
LSD (0.25)	0.15	0.18	0.07	0.27
LSR (%)	88.78	54.19	81.68	77.71

* Variety means are LSMEANS derived from spatial variability statistical analysis for mixed models. Therefore, year or multiple-year totals will not be the arithmetic sum of individual cuts or years, respectively.

DESIGN: Randomized block
METHOD OF SEEDING: Carter cone drill
SOIL TYPE: Crete silt loam
PLOT SIZE: 5 rows 3' by 12'
PLANTING DATE: 4-27-06
REPS: 4

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NEBRASKA 2006 Roundup Ready Alfalfa Variety Test

Havelock, Lancaster County, Agronomy Research Farm Irrigated -- 2006 Seeding

	Dry Matter Tons/Acre*			
	2006			
Entry	30-Jun	25-Aug	20-Oct	Total
425RR	1.54	2.18	0.74	4.46
4G418RR	1.54	2.03	0.74	4.32
DKA41-18RR	1.61	2.18	0.73	4.52
WL355RR	1.53	2.17	0.76	4.46
Experiment mean	1.55	2.14	0.74	4.44
CV (%)	7.51	5.66	7.91	4.04
MCV (%)	11.97	9.05	12.65	6.46
LSD (0.05)	0.19	0.19	0.09	0.29
LSD (0.25)	0.10	0.11	0.05	0.16
LSR (%)	234.26	127.85	365.64	140.01

* Variety means are LSMEANS derived from spatial variability statistical analysis for mixed models. Therefore, year or multiple-year totals may not be the arithmetic sum of individual cuts or years, respectively.

DESIGN: Randomized block
METHOD OF SEEDING: Carter cone drill
SOIL TYPE: Crete silt loam
PLOT SIZE: 5 rows 3' by 12'
PLANTING DATE: 4-27-06
REPS: 4

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NEBRASKA
2006 Alfalfa Variety Test
Scottsbluff County, Panhandle Research and Extension Center
Irrigated -- 2004 Seeding

	DRY MATTER TONS/ACRE*							
	Seeding Year[1]	2005 [2]	2006					2-year
Entry	Total	Total	30-May	30-Jun	31-Jul	05-Sep	Total	Total
Released Cultivars								
WL 357 HQ	3.79	11.58	3.24	2.45	2.46	1.75	9.82	21.54
54V46	3.65	11.44	3.30	2.26	2.39	1.69	9.71	21.16
FSG 351	3.92	11.11	3.08	2.20	2.21	1.61	9.08	20.21
6530	3.80	10.88	3.22	2.12	2.14	1.80	9.37	20.17
WL 335 HQ	3.53	10.99	3.12	2.11	2.18	1.70	9.13	20.15
FSG 408 DP	3.99	11.36	3.25	2.05	2.22	1.29	8.79	20.10
Jade III	3.96	10.97	3.14	2.15	2.24	1.67	9.12	20.09
Hybriforce-420/Wet	3.91	10.86	3.16	2.06	2.27	1.65	9.16	20.09
54Q25	3.87	10.80	3.15	2.01	2.21	1.69	9.05	19.97
WL 319 HQ	3.80	10.41	3.23	2.21	2.25	1.63	9.28	19.69
Masterpiece	3.88	10.71	2.98	2.07	2.24	1.71	8.98	19.68
6400 HT	3.89	10.60	3.22	1.94	2.15	1.61	9.03	19.51
Wrangler	3.64	10.02	2.72	1.82	2.02	1.61	8.19	18.16
Vernal	3.67	9.70	2.88	1.86	1.99	1.34	8.02	17.69
Experimental Strains								
41M131	3.84	12.04	3.36	2.40	2.44	1.74	9.93	22.12
51M143	4.01	11.84	3.24	2.22	2.30	1.65	9.48	21.36
4A421	3.68	11.09	3.15	2.25	2.35	1.62	9.42	20.46
Experiment mean	**3.81**	**10.96**	**3.14**	**2.13**	**2.24**	**1.63**	**9.15**	**20.13**
CV (%)	5.37	4.33	8.56	10.63	14.68	17.40	8.97	5.36
MCV (%)	7.64	6.15	12.05	14.96	20.66	24.48	12.63	7.54
LSD (0.05)	0.29	0.67	0.38	0.32	0.46	0.40	1.16	1.52
LSD (0.25)	0.17	0.39	0.22	0.19	0.27	0.24	0.68	0.89
LSR (%)	59.95	28.84	59.41	50.31	97.66	78.39	60.47	34.26

* Variety means are LSMEANS derived from spatial variability statistical analysis for mixed models.
Therefore, year or multiple-year totals will not be the arithmetic sum of individual cuts or years, respectively.

[1]=3 cuts/TD> [2]=5 cuts

DESIGN: Randomize block
METHOD OF SEEDING: Kincaid cone drill
SOIL TYPE: Tripp fine sandy loam

PLOT SIZE: 8 rows 4.5' by 11'
PLANTING DATE: 6-3-04
REPS: 4

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NEBRASKA
2006 Alfalfa Variety Test
Scottsbluff County, Panhandle Research and Extension Center
Irrigated -- 2004 Seeding

		DRY MATTER TONS/ACRE*						
		Seeding Year[1]	2005[2]	2006	2-year			
Entry	Total	Total	30-May	30-Jun	31-Jul	05-Sep	Total	Total
Released Cultivars								
WL 357 HQ	3.79	11.58	3.24	2.45	2.46	1.75	9.82	21.54
54V46	3.65	11.44	3.30	2.26	2.39	1.69	9.71	21.16
FSG 351	3.92	11.11	3.08	2.20	2.21	1.61	9.08	20.21
6530	3.80	10.88	3.22	2.12	2.14	1.80	9.37	20.17
WL 335 HQ	3.53	10.99	3.12	2.11	2.18	1.70	9.13	20.15
FSG 408 DP	3.99	11.36	3.25	2.05	2.22	1.29	8.79	20.10
Jade III	3.96	10.97	3.14	2.15	2.24	1.67	9.12	20.09
Hybriforce-420/Wet	3.91	10.86	3.16	2.06	2.27	1.65	9.16	20.09
54Q25	3.87	10.80	3.15	2.01	2.21	1.69	9.05	19.97
WL 319 HQ	3.80	10.41	3.23	2.21	2.25	1.63	9.28	19.69
Masterpiece	3.88	10.71	2.98	2.07	2.24	1.71	8.98	19.68
6400 HT	3.89	10.60	3.22	1.94	2.15	1.61	9.03	19.51
Wrangler	3.64	10.02	2.72	1.82	2.02	1.61	8.19	18.16
Vernal	3.67	9.70	2.88	1.86	1.99	1.34	8.02	17.69
Experimental Strains								
41M131	3.84	12.04	3.36	2.40	2.44	1.74	9.93	22.12
51M143	4.01	11.84	3.24	2.22	2.30	1.65	9.48	21.36
4A421	3.68	11.09	3.15	2.25	2.35	1.62	9.42	20.46
Experiment mean	**3.81**	**10.96**	**3.14**	**2.13**	**2.24**	**1.63**	**9.15**	**20.13**
CV (%)	5.37	4.33	8.56	10.63	14.68	17.40	8.97	5.36
MCV (%)	7.64	6.15	12.05	14.96	20.66	24.48	12.63	7.54
LSD (0.05)	0.29	0.67	0.38	0.32	0.46	0.40	1.16	1.52
LSD (0.25)	0.17	0.39	0.22	0.19	0.27	0.24	0.68	0.89
LSR (%)	59.95	28.84	59.41	50.31	97.66	78.39	60.47	34.26

* Variety means are LSMEANS derived from spatial variability statistical analysis for mixed models.

Therefore, year or multiple-year totals will not be the arithmetic sum of individual cuts or years, respectively.

[1]=3 cuts/TD>

[2]=5 cuts

DESIGN: Randomize block PLOT SIZE: 8 rows 4.5' by 11'

METHOD OF SEEDING: Kincaid cone drill PLANTING DATE: 6-3-04

SOIL TYPE: Tripp fine sandy loam REPS: 4

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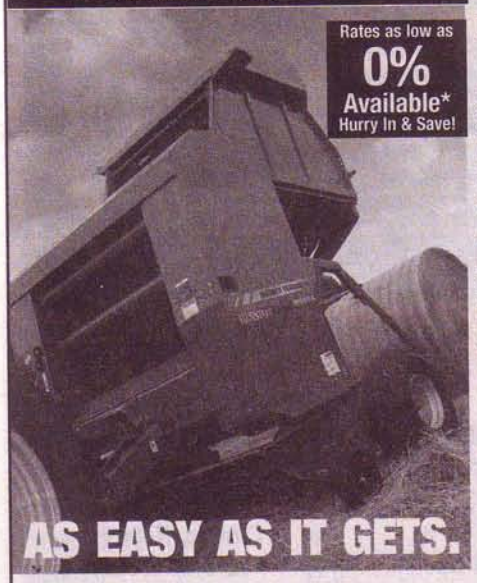

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Winter Barley Variety Tests - 2007

VARIETY	Heading Date	Height	Colby Lodging %	Colby Yield lbs/a	Colby Moisture %	Colby Test Weight lbs/bu	Lincoln Yield lbs/a	Lincoln Winter Survival %	Mead Yield lbs/a	Sidney Yield lbs/a	Average Yield Lbs/a
NB99845	16.3	28.3	7.50	5836.3	14.00	46.50	4378.5	91.3	3010.5	2178.0	3850.8
NB018199	18.9	29.8	17.50	4890.7	13.25	46.75	4084.5	96.3	3108.0	2356.0	3609.8
NB99874	20.8	27.9	26.25	4488.5	13.25	46.25	3639.8	53.8	2955.0	2267.0	3337.6
NB99875	17.3	29.1	11.25	4654.6	13.25	48.00	4373.3	97.5	3133.5	1704.0	3466.4
NB04427	17.4	29.1	10.00	5007.8	13.00	48.25	3971.3	67.5	2620.5	2781.0	3595.2
NB018131	16.5	27.3	18.75	4774.1	13.50	48.75	3615.0	77.5	2238.0	1435.0	3015.5
NB018187	17.7	27.6	8.75	4871.0	13.00	48.75	4361.3	93.8	3156.0	2741.0	3782.3
NB03439	18.4	27.7	15.00	4390.1	13.00	50.25	2835.0	46.3	2851.5	2183.0	3064.9
NB04436	17.9	28.2	17.50	4595.0	13.00	49.00	3291.0	100.0	2428.5	2227.0	3135.4
P-713	17.5	26.9	16.25	5413.9	12.00	46.50	3457.5	66.3	2839.5	2646.0	3589.2
NB03440	17.6	28.5	15.00	4140.5	13.00	48.50	4101.8	85.0	2484.0	2596.0	3330.6
NB04418	17.9	29.1	32.50	4217.3	12.00	47.75	2478.8	26.3	2092.5	1450.0	2559.7
NB04428	17.6	28.6	6.25	4730.9	11.75	44.50	3227.3	70.0	2754.0	2358.0	3267.6
NB018163	17.2	26.5	11.25	4589.3	12.25	49.00	4020.8	95.0	2622.0	1918.0	3287.5
NB03402	16.5	29.1	12.50	5313.6	12.50	48.75	3918.0	90.0	2899.5	678.0	3202.3
NB03437	17.8	26.8	7.50	5720.6	12.75	49.25	5211.8	98.8	2755.5	2526.0	4053.5
NB03429	17.4	27.0	18.75	5113.0	12.50	49.00	4410.0	97.5	3235.5	2260.0	3754.6
TAMBAR 501	16.6	25.7	13.75	5369.3	11.75	45.75	2592.0	46.3	1515.0	1782.0	2814.6
NB05417	17.3	26.9	23.75	4799.5	11.75	45.00	1256.3	21.3	1375.5	1717.0	2287.1
P-954	17.6	25.5	10.00	5156.2	12.25	48.00	4412.3	83.8	3526.5	2070.0	3791.3
NB05420	16.4	27.1	5.00	6236.2	11.50	47.00	2176.5	21.3	2920.5	1935.0	3317.1
NB05418	17.3	25.8	26.25	4722.2	12.00	46.25	999.8	13.8	2254.5	1611.0	2396.9
NB05419	17.8	26.1	17.50	5858.4	12.00	47.50	2296.0	36.8	1884.0	1542.0	2895.1
NB05410	16.5	25.3	8.75	5446.1	12.00	47.00	3855.0	77.5	2661.0	1318.0	3320.0
NB06403	17.4	25.4	6.25	6260.2	12.00	47.75	3225.0	42.5	2842.5	1676.0	3500.9
NB06410	17.7	26.8	6.25	6141.6	12.75	49.50	2045.0	22.8	2320.5	1821.0	3082.0
NB06411	17.4	28.8	72.50	5118.7	13.00	48.00	1963.5	43.8	2671.5	2060.0	2953.4
NB06414	16.9	27.6	23.75	5191.7	12.00	46.50	1070.0	11.3	1716.0	2523.0	2625.2
NB06417	16.6	26.2	13.75	5919.4	11.75	45.25	2382.0	23.0	2695.5	1776.0	3193.2
P-721	17.1	22.9	11.25	5287.2	12.50	47.50	4449.0	87.5	2892.0	2606.0	3808.6
NB06419	16.0	30.0	12.50	5275.7	12.25	45.75	2479.5	52.5	2490.0	2112.0	3089.3
NB06420	16.4	26.9	15.00	5492.6	12.50	48.50	2734.5	62.5	2557.5	1532.0	3079.2
NB06423	16.7	27.3	11.25	5310.7	12.25	45.00	2940.8	60.0	3105.0	2490.0	3461.6
NB06425	17.0	28.6	8.75	5906.9	12.25	47.75	3655.5	48.8	3805.5	1759.0	3781.7
NB06426	19.2	27.4	12.50	5198.9	13.25	49.00	3102.0	50.0	2583.0	2182.0	3266.5
NB06427	17.4	25.2	11.25	5425.9	13.00	49.50	2214.8	32.5	2439.0	2210.0	3072.4
NB06432	16.4	28.3	7.50	5842.1	12.00	46.50	1430.0	10.0	3460.5	2282.0	3253.7
NB06435	17.6	27.8	13.75	5353.0	12.75	48.25	1949.3	28.8	2839.5	2014.0	3039.0
NB06437	16.7	25.4	13.75	5604.0	12.75	48.50	3734.3	50.0	2884.5	1964.0	3546.7
NB06444	14.9	25.4	3.75	6587.0	13.00	48.00	2812.5	45.0	3600.0	2007.0	3751.6
Mean	17.3	27.3	15.0	5256.3	12.5	47.6	3128.8	58.1	2705.6	2032.3	3280.7
CV			62.62	11.3	6.03	2.03	20.4	32.7	22.1	27.0	
LSD			8.58	542.6	0.69	0.88	581.4	17.3	780.5	578.2	
REPS			4.00	4.0	4.00	4.00	4.0	4.0	2.0	3.0	

Winter Triticale Grain Variety Tests - 2007

Variety	Lincoln Winter Survival %	Average Heading Date	Average Height in	Lincoln Yield lbs/a	Mead Yield lbs/a	Sidney Yield lbs/a	State Avg. Yield lbs/a	State Rank
NE426GT	100.0	20.0	42.1	4398	2765	3233	3465	2
NE422T	100.0	25.5	58.1	4171	1828	1899	2633	25
JAGGER	90.0	16.5	31.3	2995	1594	2465	2351	28
NT01451	100.0	21.0	42.6	4557	1734	3085	3125	11
NT02421	96.7	20.5	44.4	4109	2923	3134	3389	4
NE03T416	96.7	18.5	42.2	4653	2806	3519	3659	1
NT02458	100.0	21.0	44.1	4582	2245	1328	2718	22
NT01435	100.0	21.5	47.2	4040	2413	2489	2981	17
NT02435	86.7	21.0	45.7	4274	2504	2325	3034	15
NE03T449	100.0	26.0	59.8	3669	1579	769	2006	30
NT04432	83.3	21.0	43.9	4598	2118	2410	3042	14
NE03T407	93.3	19.0	43.7	4313	2405	3046	3255	8
NT04424	100.0	20.0	44.4	4299	2276	3507	3361	6
NT05414	100.0	21.5	51.9	3872	1558	2317	2582	27
NT05421	100.0	19.5	49.9	4755	2242	2273	3090	12
NT05429	86.7	18.5	41.3	4464	2062	3291	3272	7
NT05433	80.0	20.5	43.0	4640	2067	3391	3366	5
NT05442	96.7	20.5	40.9	4568	2833	2937	3446	3
NT05443	100.0	21.0	41.8	4416	2731	2429	3192	10
NT05444	96.7	21.0	42.4	3969	2169	3028	3055	13
NT06419	100.0	18.5	42.1	4109	1951	2517	2859	20
NT06422	80.0	18.5	42.6	4584	2212	2300	3032	16
NT06423	90.0	20.5	45.5	4015	1606	2505	2709	23
NT06424	80.0	19.0	43.2	3658	2043	3937	3213	9
NT06425	83.3	19.0	39.0	3654	1914	3018	2862	19
NT06426	66.7	17.5	36.7	3332	1379	3282	2664	24
NT06427	83.3	19.5	40.7	4204	1692	2785	2894	18
NT06429	63.3	18.0	38.6	3174	1635	3022	2610	26
NT06433	80.0	19.0	42.8	3861	2031	2271	2721	21
NT06434	93.3	20.5	44.6	3341	1057	2633	2344	29
Mean	**90.9**	**20.1**	**43.9**	**4109.1**	**2079.1**	**2704.8**	**2964.3**	
CV	**9.8**			**13.7**	**30.1**	**26.0**		
LSD	**21**			**770**	**1516**	**964**		

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Saunders Co. Oat Variety Test - 2007

VARIETY	Yield (bu/acre)	Test weight (lb/bu)	Lodging (%)	Height inches
SD020883-114	90.0	35.9	24.0	38.0
Woodburn	89.0	32.9	6.0	38.0
SD020883-109	87.0	35.9	16.0	38.0
Robust	86.0	29.6	1.0	41.0
Stallion	84.0	31.8	26.0	43.0
SD020883-29	84.0	35.6	8.0	39.0
Jerry	81.0	32.2	12.0	42.0
Excel	79.0	30.0	10.0	39.0
Spurs	77.0	28.0	4.0	37.0
SD020883-171	76.0	34.0	18.0	38.0
Rodeo	74.0	26.7	8.0	41.0
Don	73.0	28.3	6.0	35.0
SD020301-20	69.0	45.9	13.0	41.0
MN02234	66.0	30.0	13.0	42.0
Average	79.6	32.6	11.8	39.4
LSD .05	16.1	1.9	N.S.	2.4

Attention Producers

As you read this year's Seed Guide, please take the time to notice the companies & businesses supporting our efforts to get this crop data to you.

We at the

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The Nebraska Crop Improvement Association is dedicated to enhancing the economic viability and well-being of the people of Nebraska and the world, through value-added products and processes.

We will achieve this goal through an organizational structure which attracts the finest people, fully develops and challenges individual talents, encourages industry-wide collaboration to advance agriculture, and maintains the Association's historic principles of integrity.

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The purpose of this directory is to provide crop producers, decision makers, and the seed industry with a reference to seed sources in Nebraska for:

This seed book includes those members whose fields were planted with eligible seed stocks and whose applications for field inspection were received by the publication date.

Inquiries about seed supplies and prices should be directed to the growers and/or seed enterprises listed, not to the Nebraska Crop Improvement Association.

1. Certified Quality Seeds

In no case is the seed listed in this seed book yet **CERTIFIED**, for it must be conditioned, tested in the laboratory, and labeled with the official certification tag or bulk sale certificate before it can be offered for sale as Certified Quality Seed.

Seed producers, conditioners, and distributors voluntarily use the seed certification process to assure their customers that extra care has been taken to provide them with correctly identified, genetically pure seed. The **CERTIFIED SEED** label identifies seed meeting quality requirements and assures the buyer of obtaining reliable performance of the variety named on the label.

Each member is responsible for handling certifiable seed so it will also meet the Nebraska Certification Standards for physical purity and germination. The Nebraska Seed Law requires EACH container of seed be labeled as to its origin, the germination percentage and date of test, the percentage by weight of pure seed, other crop seed, weed seed, and inert matter. By studying both the **CERTIFIED LABEL**, a buyer can determine the quality of the seed. If Certified seed is purchased in the bulk, each sale is accompanied by an official Retail Bulk Sale Certificate, which includes the same information as a label.

Orders for Certified seed may be accepted by the listed growers, approved conditioners, and authorized distributors only with the understanding that they will be filled if and when **ALL** the certification requirements are completed.

2. Quality Assured Seeds

The purpose of the NCIA's seed Quality Assurance (QA) program is to provide an unbiased and uniform quality control process and marketing tool for crop seeds grown in Nebraska and merchandised as branded products as permitted by applicable seed laws.
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Notice to Buyer: ***Exclusion of Warranties and Limitations of Damages***

Seed bearing authorized Nebraska Certified Quality labels has met the minimum requirements outlined in the current edition of the *Nebraska Seed Certification Standards.*

The seed certification process relies upon samples and records provided by members/applicants which are beyond the control of the certifying agency.

Therefore, the Nebraska Crop Improvement Association *makes no warranties, expressed or implied, including warranty of merchantability, or fitness for a particular purpose concerning certified seed and hereby expressly disclaims the same.*

In no event shall the Nebraska Crop Improvement Association be responsible for *damages, actual, incidental, or consequential,* regarding certified seed provided by applicants/members and/or vendors.

However, complaints addressed to the Secretary of the Nebraska Crop Improvement Association will be investigated.

FOUNDATION SEED

The Nebraska Foundation Seed Division has available the following varieties for the purpose of seed certification.

Alfalfa	Wrangler				
Beans - Edible	Chase Pinto	Weihing GN			
Millet - Proso	Dawn	Earlybird	Huntsman	Sunrise	
Millet - Foxtail	Golden German	White Wonder			
Oats - Spring	Don Settler	Jerry	Ogle	Riser	Rodeo
Soybeans	NE1900 NE2802	NE3202	NE3303	NE3399	NE3402
Soybeans - Specialty	U95-3813SS U96-1612 U96-2811	U96-2825SS U96-2831 U96-2906	U97-207209 U97-207211 U97-207647	U97-208043 U97-3506	U97-304539 U97-305646
Wheat - HRW	Alliance Arapahoe Buckskin Centura	Cougar Culver Goodstreak	Harry Karl 92 Millennium	Niobrara Pronghorn Scout 66	Wahoo Wesley 2137
Wheat - HWW	Antelope	Arrowsmith			
Grasses - Cool Season	NEAC2 crested wheatgrass Beefmaker intermediate wheatgrass		NETI1 intermediate wheatgrass Manska pubescent wheatgrass		
Grasses - Warm Season	Champ big bluestem Pawnee big bluestem Camper little bluestem Trailway sideoats grama		Pathfinder switchgrass Shawnee switchgrass Trailblazer switchgrass		

All inquiries about supplies of Foundation seed should be addressed to:

Foundation Seed Division
1071 CR G RM C
Ithaca, NE 68033
402-624-8038

PLANT VARIETY PROTECTION ACT and HOW IT BENEFITS YOU!

- Any varieties listed in this publication under the Plant Variety Protection Act will be marked with the PVP logo and further information will be given in the variety description.
- It takes up to ten years to develop a new variety. PVP encourages plant breeding research to produce even better varieties for tomorrow. Without PVP, plant breeders could not afford to invest capital into new varieties and would not be interested in breeding improved varieties.
- Most protected varieties can only be sold as certified quality seed. This helps ensure that the seed buyer gets the variety exactly as the breeder intended it to be.
- The use of certified quality, genetically pure seed allows the complementary varieties you've chosen to make the most of the growing environment. After all, if the seed is less than the best, the crop will be, too.
- The Department of Agriculture is responsible for enforcement of Plant Variety Protection violations in Nebraska. Private seed companies are authorized to take appropriate legal action. Contact the Department of Agriculture (402-471-2394) for more information about your rights and responsibilities with PVP varieties.

WHEAT VARIETY SELECTION & COMPLEMENTATION

Because there is no single perfect variety, using complementation enables you to offset the potential weaknesses (production limitations) found in each variety with the strengths of others. This compensation improves the opportunity for yield stability and profitability of your entire wheat production system.

The number of complementary varieties you grow or the acres to be planted to each variety will depend entirely on your production conditions and special needs. There are four simple steps in using the variety complementation strategy.

1. **Identify your workhorse varieties-**These are the varieties now being grown on a majority of your acres with a reliable and proven record of performance over a period of years.
2. **Complement production needs and limits -** Select varieties that have useful characteristics needed for your specific production practices, soil conditions, and offer the best protection from diseases and other yield limiting factors common to your growing area.
3. **Complement with a range of maturities -** Select varieties that mature earlier or later than your workhorse variety, because some years may favor early varieties and some may favor later varieties. A spread of maturities will also allow you to stagger your harvest and take maximum advantage of your equipment and reduce potential losses to weathering, shattering, etc.
4. **Complement with different genetics -** Select varieties that share 50% or less similar parentage to your workhorse variety and each other. Varieties with similar genetic backgrounds can often be susceptible to the same disease and production risks.

Table 1. Partial Lists of Wheat Variety Families that Share 50% Common Parentage

ABILENE	**CENTURK**	**PLAINSMAN V**	**TAM 105**	**VONA**
Jagalene	Centura	Karl	Crimson	Lamar
Ogallala	Centurk 78**	Karl 92	TAM 107	Lindon*
Rowdy	Cody	**SCOUT**	**TAM 107**	Prowers
2145	**CHISHOLM**	Agate	Akron	Wings*
ARAPAHOE	Alliance	Arkan	Halt	Yuma
Culver	Custer	Buckskin	Nekota	Yumar
Wahoo	Tonkawa	Jules	Niobrara	**WARRIOR**
BRULE	**COLT**	Larned	Prairie Red	Cody
Arapahoe	Ike	Scout 66**	**TAM 200**	Siouxland
Hallam	Goodstreak	Scoutland**	Ogallala	**2163**
Harry	Laredo	TAM 105	Hickok	2137
Niobrara	Pronghorn	**SIOUXLAND**	**THUNDERBIRD**	**LESS THAN 50% OF ANY FAMILY LISTED**
Redland**	**KARL**	Rawhide	Longhorn	Big Dawg
Tandem	Jagger	Windstar	Ponderosa	Hondo
Vista	Karl 92**	**SUMNER**	**VICTORY**	Coronado
		Wesley	Laredo	Thunderbird
			Tomahawk	Millennium

*Sister Selection (identical pedigree) **Selection from or reselection of original variety (identical pedigree)

The varieties listed within each family share at least 50% of the same parent lines. For more specific information about the parentage of your wheat varieties, see your nearby Nebraska Certified Quality Seed Source or the individual variety description in this Nebraska Wheat Seed Book.

WINTER WHEAT VARIETY CHARACTERISTICS - 2007

			Agronomic Characteristics[2]							Reaction[3]					
Origin	Variety	PVP[1]	Maturity	Winter-Hardiness	Straw Strength	Plant Height	Coleoptile Length	Bushel Weight	Protein Content	Hessian Fly	Leaf Rust	Stem Rust	Stripe Rust	Soil Borne Mosaic	Wheat Streak Mosaic
NE	Antelope**	N	medium	good	good	mod short	medium	good	good	S	S	R	R	S	S
NE	Alliance	P-94	med early	fair	fair	medium	medium	good	good	MR	S	MR	MR	S	LT
NE	Arapahoe	P	medium	good	fair	medium	medium	good	very good	MR-MS	MR-MS	R	MR-MS	S	S
KS	Betty**	P-94	med early	fair	fair-good	mod short	short	good	very good	S	MS	MS-MR	R	R	MS-MR
CO	Bond CL	A-94	med early	good	good	medium	short	fair	fair	S	S	S	S	S	S
NE	Buckskin	N	med early	fair	fair-good	tall	long	good	good	MR	S	S	--	MR	MS
NE	Centura	P	med early	fair	fair-good	tall	long	very good	good	S	MS	MR	--	S	MS
NE	Culver	P-94	medium	fair-good	fair-good	medium	med short	good	good	S	MS-MR	R	MS	S	S
AP	Dumas	P-94	med early	fair-good	very good	short	medium	good	good	S	MS	R	S	S	MS
NE	Goodstreak	A-94	medium	good	fair-good	tall	long	good	good	MR	S	MR	R	S	S
NE	Harry	N	medium	good	fair-good	medium	short	good	good	MR	MR	MR	MS-MR	S	S
NE	Infinity CL	A-94	medium	good	very good	medium	medium	good	fair	S	MR	MR	MR	MR	MR
AP	Jagalene	P-94	medium	good	very good	short	med short	very good	good	S	R	R	R	R	MR
KS	Jagger	P-94	very early	poor	good	short	med long	fair-good	very good	S	MR-MS	MR	R	R	MT
KS	Karl 92	P	very early	fair	good	short	medium	very good	very good	S	VS	MS-MR	--	R	VS
AP	Longhorn	P	med early	fair	very good	medium	long	very good	good	S	MR-MS	R	MS	S	LT
NE	Millennium	P-94	medium	fair-good	med good	medium	med short	good	good	R	MS	MR	MR	S	S
AP	Neosho	P-94	medium	good	very good	medium	short	very good	good	S	MR	MR	MR	R	MS
NE	Niobrara	P-94	medium	good	fair-good	medium	medium	fair-good	fair-good	S	MS	MR	MS	S	LT
AP	Ogallala	P	med early	fair	good	short	medium	very good	good	S	MR-MS	MR	S	VS	LT
KS	Overley	P-94	early	fair	fair	medium	medium	very good	very good	--	--	--	--	--	--
NE	Pronghorn	N	med early	good	fair	tall	long	very good	good	S	MS	MR	R	S	S
NE	Scout 66	N	med early	fair	fair	tall	long	good	good	S	MS	MR-MS	R	S	MS
AP	Thunderbird	P	med early	fair	good	medium	long	very good	very good	S	MS	MR	--	R	LT
AP	Thunderbolt	P-94	med early	fair-good	fair-good	mod short	medium	fair-good	fair-good		R		MS-MR	S	MT
AP	Tomahawk	P	early	fair	good	short	medium	good	good	S	MR	MR	MS	R	S
KS	Trego**	P-94	early	fair-good	good	mod short	med short	very good	good	R	MR-MS	MR	MR	MR	MT
NE	Vista	P	med early	fair-good	fair-good	short	short	good	good	R	MS-MR	MR-MS	R	S	MT
NE	Wahoo	P-94	medium	good	good	medium	medium	fair	fair-good	MR	MR	MR	R	S	S
NE	Wesley	N	medium	good	very good	short	short	good	good	S	MS	R	R	R	S
KS	2137	P-94	early	fair-good	very good	mod short	medium	good	good	R	MS-MR	MS-MR	S	R	MT
KS	2145	P-94	medium	fair-good	good	mod short	med short	good	good	S	MS-MR	MS-MR	--	MR	S

* AgriPro
** Hard white winter wheat
1 U.S. Plant Variety Protection: N = not protected, P = protected variety, P-94 = protected under the revised PVP Act of 1994, A-94 = applied for or protected under the revised PVP Act of 1994.
2 Actual height, bushel weight, and protein content will vary widely with season, location, and production conditions. General bushel weight ratings: very good = 62 lb/bu, good = 60 lb/bu, fair = 58 lb/bu.
General height ratings (in optimum moisture) = short = 30-35", medium = 35-40", tall = 40-45"
3 R = resistant, S = susceptible, MT = moderately tolerant, LT = low tolerance, MR = moderately resistant, MS = moderately susceptible

HARD RED WINTER WHEAT

Notice: These members of the Nebraska Crop Improvement Association have available carryover certified quality wheat seed from previous years. Contact these NCIA members for more information on availability.

PVP **AgriPro brand ABILENE -** Abilene is a moderately early maturing variety, short in height and has very good straw strength. It has a short coleoptile, very good tillering ability, and good winterhardiness. The grain has very good test weight patterns and good milling/baking qualities. It was developed, produced, and marketed exclusively under the AgriPro brand name. U.S. Protected Variety. Certificate No. 8700200. Abilene can only be sold as a class of certified seed.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Scotts Bluff	Westco*	Morrill	308-247-2126		

PVP **ALLIANCE** - Alliance is a moderately early maturing, moderately short height variety best adapted to dryland production. It has fair to good winterhardiness, short coleoptile, very good tillering ability, moderately strong straw, and good milling/baking qualities. Alliance is similar to Redland in test weight and protein. It was developed by Nebraska and the USDA-ARS from the cross Arkan/Colt//Chisholm sib. U.S. Protected Variety (PVPA 1994). Certificate No. 9400264. Alliance can only be sold as a class of certified seed.

County	Grower	Town	Telephone	Reg	Cert
Box Butte	Cullan Farms*	Hemingford	308-487-5288	14	497
Cheyenne	Kriesel Certified Seed*	Gurley	308-884-2424	56	172
	Winkelman Seed*	Dalton	308-377-2453	13	125
Dundy	Dale/Henry Wicke	Wauneta	308-394-5777	10	78
Frontier	Scharf Farms	Curtis	308-367-4369		79
Keith	Spurgin, Inc.	Paxton	308-239-4539	40	250
Perkins	ORK Farms*	Grant	308-352-2132		320
	Poppe Farms	Grant	308-252-2206	10	20
Sedgwick	James Dolezal	Julesburg, CO	970-885-3365		53
Sheridan	William Junge	Gordon	308-327-2823		

PVP **ARAPAHOE** - Arapahoe is a medium maturity, medium height variety with very good winterhardiness and tillering ability. It is well adapted to most dryland sites in the northern and western HRW regions. Arapahoe has a medium length coleoptile and fair to good straw strength. The grain has good test weight patterns and milling/baking qualities. Arapahoe was developed by Nebraska and the USDA-ARS from the cross Brule/3/Parker*4/Agent//Belot.198/Lancer. U.S. Protected Variety. Certificate No. 8900295. Arapahoe can only be sold as a class of certified seed.

County	Grower	Town	Telephone	Reg	Cert
Buffalo	Donald Muhlbach	Ravenna	308-452-3588		22
Frontier	Kelly/Kent Lehmann*	Eustis	308-486-5505		18
Sheridan	William Junge	Gordon	308-327-2823	10	
Webster	Robert Bolte	Blue Hill	402-756-2107		10

PVP **BOND CL** - Bond CL is a medium-early maturing, semi-dwarf hard red winter wheat from the cross Yumar'//TXGH12588-120*4/FS2. Average heading date of Bond CL is about 1.8 days later than Above and about 2.2 days earlier than Yumar. Plant height of Bond CL is medium-tall, about 1.8 inches taller than Above. Straw Strength was rated as average for Bond CL, less than Yuma. Bond CL is moderately susceptible to stem rust, leaf rust, stripe rust, and Wheat Streak Mosaic Virus. Bond CL is resistant to greenbug (biotype E) and susceptible to Hessian fly. Bond CL is resistant to the Russian Wheat Aphid (biotype 1). It was developed by the Colorado Agricultural Experiment Station. The **non-transgenic** herbicide tolerance in Bond CL was developed by BASF. **Bond CL is a wheat to be used as a component of the BASF CLEARFIELD Production System**. CLEARFIELD is a unique production system comprised of herbicide-tolerant seed varieties and imazamox-based herbicide to manage problem weeds. This system is designed to control weeds like jointed goatgrass, cheatgrass and other *Bromus spp.*, ryegrass, foxtails, wild oats, wild mustard, and volunteer cereals. This production system also provides a superior broad-spectrum grass control with a wide application window. This system incorporates low rates of the imazamox-based herbicide which allow a large rotational crop profile and fits all tillage methods.

The CLEARFIELD Production System will include a stewardship program that will help maintain the stability of the system. **This means the grower must purchase Certified Bond CL wheat seed and must agree not to save seed for planting.** This means the grower must sell all of his production. Any unauthorized planting of the **Bond CL** variety will be punishable under the U.S. Patent law. **Bond CL** is available from NuPride Genetics Network Affiliates. U.S. Protected Variety (PVPA 1994). Certificate No. 200500339. Bond CL can only be sold as a class of certified seed.

County	Grower	Town	Telephone	Reg	Cert
Chase	Luhrs Cert Seed & Cond.	Enders	308-882-5917	130	

BUCKSKIN - Buckskin is a moderately early maturing, tall variety with good yield stability in the Nebraska panhandle and surrounding dryland production areas. It has fair winterhardiness, good test weight patterns, long coleoptile, good tillering ability, moderately strong straw, and good milling/baking qualities. Buckskin was developed by Nebraska and the USDA-ARS from the cross Scout/4/Quivira/2/Tenmarq/3/Marquillo/Oro.

County	Grower	Town	Telephone	Reg	Cert
Cheyenne	Kriesel Certified Seed*	Gurley	308-884-2424		
Kimball	Campstool Farms	Kimball	308-235-7284	12	

PVP **AgriPro brand CORONADO** - Coronado is a very early maturing variety and is short in height, like Tomahawk, with good tillering ability and very good straw strength. The coleoptile is short in length. Winterhardiness is fair. The grain has good test weight patterns and acceptable milling/baking qualities. Coronado was developed from a cross of two proprietary breeding lines. Certified seed is produced and marketed exclusively under the AgriPro brand name. U.S. Protected Variety (PVPA 1994). Certificate No. 9500307. Coronado can only be sold as a class of certified seed.

County	Grower	Town	Telephone	Reg	Cert
Custer	Arrow Seed Company	Broken Bow	308-872-6826		

PVP **AgriPro brand CUTTER** - Cutter is a medium maturing, medium height variety. It has average winterhardiness (equal to Jagger) with a short coleoptile. It has resistance to stem rust, leaf rust and is moderatly resistant to wheat streak mosaic. Cutter is a good quality wheat with very good drought tolerance and good milling and baking qualities. Seed is produced and marketed exclusively under the AgriPro brand name. U.S. Protected Variety. Certificate No. 200200199. Cutter can only be sold as a class of certified seed.

County	Grower	Town	Telephone	Reg	Cert
Furnas	Von Johnson*	Cambridge	308-697-4654		

PVP **AgriPro brand DUMAS** - Dumas is a medium early maturing, short variety with excellent straw strength. It has average winterhardiness (equal to Jagger) with a short coleoptile. It has resistance to stem rust and is moderately susceptible to leaf rust and wheat streak mosaic. Dumas is recommended for irrigate and high production dryland areas. Dumas is a good quality wheat with very good test weight. Seed is produced and marketed exclusively under the AgriPro brand name. U.S. Protected Variety (PVPA 1994). Certificate No. 200100218. Dumas can only be sold as a class of certified seed.

County	Grower	Town	Telephone	Reg	Cert
Chase	Luhrs Cert Seed & Cond.	Enders	308-882-5917		
Custer	Arrow Seed Company*	Broken Bow	308-876-6826		
Jefferson	Knobel Seeds	Fairbury	402-446-7394		
Scotts Bluff	Westco*	Morrill	308-247-2126		

PVP **GOODSTREAK** - Goodstreak is medium in maturity about 1 day earlier than Buckskin and 2 days later than Pronghorn. It has a long coleoptile similar in length to Pronghorn and slightly shorter than Buckskin. The mature plant height of Goodstreak is 38 inches. It has moderate straw strength better than Arapahoe, Buckskin, and Pronghorn, but not as good as Wesley. The winter hardiness of Goodsteak is good to very good and comparable to other winter wheat cultivars adapted and commonly grown in Nebraska. Goodstreak is moderately resistant to stem and stripe rust and Hessian fly (better than Buckskin). It is susceptible to leaf rust and wheat streak mosaic virus. Goodstreak was evaluated as NE97465 in Nebraska yield nurseries. It was selected from the cross SD3055/KS88H164//NE89646. The pedigree of SD3055 is ND604/SD2971 where ND604 is Len//Butte/ND526 and SD2971 is Agent/3/ND441//Waldron/Bluebird/4/Butte/5/Len. The pedigree of KS88H164 is Dular/Eagle//2*Cheney/Larned /3/TAM107. The pedigree of NE89646 is Colt *2/Patrizanka. Goodstreak was developed cooperatively by the Nebraska Agricultural Experiment Station and the USDA-ARS and released by the developing institutions and the Wyoming Agricultural Experiment Station. U.S. Protected Variety (PVPA 1994). Certificate No. 200300281.

County	Grower	Town	Telephone	Reg	Cert
Box Butte	Cullan Farms*	Hemingford	308-487-5288		268
Cheyenne	Kriesel Certified Seed*	Gurley	308-884-2424		378
	Winkelman Seed*	Dalton	308-377-2453		91
Deuel	Carter Certified Seed*	Chappell	308-874-2595		78
	V & F Farms Co.*	Chappell	308-874-2840		311
Keith	Spurgin, Inc.	Paxton	308-239-4539		120
Kimball	Campstool Farms	Kimball	308-235-7284		218
Sheridan	William Junge	Gordon	308-327-2823		10

HALLAM - Hallam is an awned, white-glumed, moderately early maturing, semi-dwarf hard red winter wheat. The mature plant height of Hallam is shorter than Millennium and 2.5 inches taller than Wesley. After heading, the canopy is moderately closed and inclined to nodding. Hallam has moderate straw strength with good winterhardiness similar to Abilene. It is moderately resistant to stem rust, stripe rust, and Hessian Fly. It is moderately susceptible to leaf rust. Hallam is susceptible to wheat soilborne mosaic virus and barley yellow dwarf. It also may contain a low level of tolerance to wheat streak mosaic virus. Hallam was selected from the cross Brule/Bennett//Niobrara that was made in 1992 and was developed and released by the University of Nebraska Experiment Station, and the USDA-ARS.

County	Grower	Town	Telephone	Reg	Cert
Gage	Thimm Farms Inc.*	Beatrice	402-228-2222		48
Saunders	Kubik Seed Sales*	Prague	402-663-4379		

HARRY - Harry is late in maturity about 2-3 days later than Arapahoe and Wesley. Harry is a semi-dwarf wheat cultivar with a short coleoptile similar to Arapahoe. It is shorter than Arapahoe with a mature height of 32 inches. Harry has moderate straw strength similar to Arapahoe, but less than Wesley. The winterhardiness of Harry is good to very good, similar to Abilene and comparable to other winter wheat cultivars adapted and commonly grown in Nebraska. Harry is moderately resistant to stem and leaf rust. It is susceptible to wheat soilborne mosaic virus and wheat streak mosaic virus but may contain a low level of tolerance to barley yellow dwarf virus. Harry was selected from the cross NE90614/NE87612 which was made in 1991. It was evaluated as NE97689 in Nebraska yield nurseries starting in 1998. The pedigree of NE90614 is Brule/4/Parker*4/Agent//Beloterkovskaia 198/Lancer /3/Newton/Brule. The pedigree of NE87612 is Newton//Warrior*5/Agent/3/Agate sib. Harry was developed by Nebraska and the USDA-ARS.

County	Grower	Town	Telephone	Reg	Cert
Box Butte	Cullan Farms*	Hemingford	308-487-5288		155

PVP **HATCHER** - Hatcher is a awned, white-chaffed, medium maturing, semidwarf. It has intermediate coleoptile length, good shattering tolerance, and average straw strength. It is moderately susceptible to leaf rust and moderately resistant to stripe rust. Hatcher is resistant to Russian Wheat Aphid biotype 1. Milling characteristics are excellent while its baking characteristics are good. Hatcher was developed via a three-way cross with Yumar, Vista , and an experimental hard white winter wheat from Kansas State University. Hatcher was released by Colorado State University in 2004. U.S. Protected Variety (PVPA 1994). Certificate No. 200500340. Hatcher can only be sold as a class of certified seed.

County	Grower	Town	Telephone	Reg	Cert
Deuel	Ag Operations Group	Big Springs	308-889-2429	17	

PVP **INFINITY CL** - Infinity CL is a medium maturing, semi-dwarf hard red winter wheat selected from the cross Windstar//Millennium/Above. The mature plant height of Infinity CL is shorter than Millennium and taller than Wesley. Infinity CL is an awned, white-glumed cultivar with moderate straw strength, similar to Wahoo, but worse than Wesley. Infinity CL is moderately resistant to stem rust, leaf rust, and stripe rust. It is susceptible to Hessian fly and Wheat Soilborne Mosaic virus. Infinity was developed and released by the University of Nebraska Agricultural Experiment Station. The **non-transgenic** herbicide tolerance in Infinity CL was developed by BASF. **Infinity CL is a wheat to be used as a component of the BASF CLEARFIELD Production System**. CLEARFIELD is a unique production system comprised of herbicide-tolerant seed varieties and imazamox-based herbicide to manage problem weeds. This system is designed to control weeds like jointed goatgrass, cheatgrass and other *Bromus spp.*, ryegrass, foxtails, wild oats, wild mustard, and volunteer cereals. This production system also provides a superior broad-spectrum grass control with a wide application window. This system incorporates low rates of the imazamox-based herbicide which allow a large rotational crop profile and fits all tillage methods.

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County	Grower	Town	Telephone	Reg	Cert
Box Butte	Cullan Farms*	Hemingford	308-487-5288	25	208
Chase	Luhrs Cert Seed & Cond.	Enders	308-882-5917		295
Cheyenne	Kriesel Certified Seed*	Gurley	308-884-2424	85	70
Custer	Arrow Seed Company*	Broken Bow	308-872-6826	70	
Deuel	Ag Operations Group	Big Springs	308-889-3429	31	
	Carter Certified Seed*	Chappell	308-874-2595	53	290
	V & F Farms Co. *	Chappell	308-874-2840	35	328
Frontier	Dunbar Seed*	Eustis	308-486-5590		93
Perkins	ORK Farms*	Grant	308-352-2132		160
Red Willow	Peters Seed Farms Inc.*	McCook	308-345-5170		359

PVP **AgriPro brand JAGALENE** - Jagalene is a medium maturing variety with excellent straw strength. It is resistant to stem rust, leaf rust and soilborne wheat mosaic virus. It is moderately resistant to wheat streak mosaic virus and is susceptible to Hessian fly. Jagalene is widely adapted and demonstrates good disease resistance and drought tolerance. Jagalene was selected from the cross Abilene/Jagger. Certified seed is produced and marketed exclusively under the AgriPro band name. U.S. Protected Variety (PVPA 1994). Certificate No. 200200160. Jagalene can only be sold as a class of certified seed.

County	Grower	Town	Telephone	Reg	Cert
Chase	Luhrs Cert Seed & Cond.	Enders	308-882-5917		
Custer	Arrow Seed Company*	Broken Bow	308-872-6826		
Dawes	Heritage Seed Co. Inc.	Crawford	308-665-1672		
Deuel	Carter Certified Seed*	Chappell	308-874-2595		
Fillmore	Winter Farms	Grafton			
Furnas	Von Johnson*	Cambridge	308-697-4654		
Gage	Anderson Seed	Odell	402-766-3790		
	Blue Valley Seed	DeWitt	402-239-0566		
	Husa Seed Farms	Wymore	402-674-3188		
Jefferson	Knobel Seeds	Fairbury	402-446-7394		
Kearney	Roberts Seed	Axtell	308-743-2565		
Lincoln	Nelson Certified Seed*	Wallace	308-387-4698		
Red Willow	Peters Seed Farm Inc.*	McCook	308-345-5170		
Saunders	Rezac Seed	Valparaiso	402-784-3875		
Scotts Bluff	Westco*	Morrill	308-247-2126		
Thayer	Maschmann Mills	Deshler	402-365-4369		
Webster	Leon Lutkemeier	Bladen	402-756-8488		

PVP **JAGGER** - Jagger is a very early maturing, moderately short variety with good straw strength. It has poor winterhardiness similar to TAM 200 and Newton. Jagger has good protection to many of the important wheat diseases in Kansas. It is susceptible to Hessian fly and powdery mildew. Grain has average test weight patterns with acceptable milling and baking qualities. Jagger was developed by Kansas and the USDA-ARS from the cross KS82W418/Stephens. U.S. Protected Variety (PVPA 1994). Certificate No. 9500324. Jagger can only be sold as a class of certified seed.

County	Grower	Town	Telephone	Reg	Cert
Chase	Luhrs Cert Seed & Cond.	Enders	308-882-5917	195	
Clay	Darrel Wehnes & Sons*	Inland	402-772-8101		75
Frontier	Kent/Kelly Lehmann*	Eustis	308-486-5505		28
Hitchcock	Peters Seed Farms Inc.	McCook	308-345-5170		147

PVP **KARL 92** - Karl 92 is a very early maturing, moderately short variety with strong straw strength. It has a medium length coleoptile and fair winterhardiness. Karl 92 is very similar to Karl for most traits but has more uniformity, better yield and test weight. It was developed by Kansas and the USDA-ARS from selections taken from Karl. U.S. Protected Variety. Certificate No. 9300124. Karl 92 can only be sold as a class of certified seed.

County	Grower	Town	Telephone	Reg	Cert
Gage	Husa Seed Farms	Wymore	402-674-3188	37	
Kearney	Roberts Seed*	Axtell	308-743-2565		43
Nuckolls	Bargen Trucking Inc.*	Nora	402-225-2164		220
	C & C Farms	Superior	402-879-4639		130
Thayer	Kenneth Degenhardt	Hebron	402-768-2352	10	
	Maschmann Mills	Deshler	402-365-4369		173
Webster	Robert Bolte	Blue Hill	402-756-2107	9	
	Jeff/Norman Rose	Blue Hill	402-756-2073	40	

PVP **AgriPro brand LONGHORN** - Longhorn is a medium early, medium height awnless variety. It has strong straw strength and is suitable for grazing or haylage. Longhorn has fair winterhardiness and long coleoptile. It has vigorous fall and early spring growth. The grain has very good test weight and good milling/baking qualities. Longhorn was developed, produced, and marketed exclusively under the AgriPro brand name. U.S. Protected Variety. Certificate No. 9100198. Longhorn can only be sold as a class of certified seed.

County	Grower	Town	Telephone	Reg	Cert
Chase	Luhrs Cert Seed & Cond.	Enders	308-882-5917		
Dawes	Heritage Seed Co. Inc.*	Crawford	308-665-1672		

PVP **MILLENNIUM** - Millennium is a medium maturing, medium height variety and is well adapted throughout most of the Nebraska dryland wheat production areas and adjacent states. It has been competitive in yield to Niobrara and Culver. It was tested under the designation NE94479. Millennium has fair to good winterhardiness, medium length coleoptile, very good tillering ability, and moderately strong straw (equal to 2137 and Windstar). It is resistant to Hessian fly; moderately resistant to stem rust; moderately susceptible to leaf rust; susceptible to soilborne mosaic and barley yellow dwarf viruses. Millennium was developed by Nebraska and the USDA-ARS from the cross Arapahoe/Abilene//NE86488. U.S. Protected Variety (PVPA 1994). Certificate No. 200100236. Millennium can only be sold as a class of certified seed.

County	Grower	Town	Telephone	Reg	Cert
Box Butte	Cullan Farms*	Hemingford	308-487-5288		251
Chase	Luhrs Cert Seed & Cond.	Enders	308-882-5917		246
Cheyenne	Kriesel Certified Seed	Gurley	308-884-2424		281
Custer	Arrow Seed Company	Broken Bow	308-872-6826		110
Deuel	Ag Operations Group	Big Springs	308-889-3429		154
	Carter Certified Seed*	Chappell	308-874-2595		232
Dundy	Dale/Henry Wicke*	Wauneta	308-394-5777		163
Frontier	Dunbar Seed*	Eustis	308-486-5590		51
	Scharf Farms	Curtis	308-367-4174		34
Furnas	Petersen Land & Cattle	Cambridge	308-697-4370		72
Gage	Thimm Farms Inc.*	Beatrice	402-228-2222		51
Kearney	J.M. Kuehn Inc.	Heartwell	308-563-2101		13
	Roberts Seed	Axtell	308-743-2565		24
Keith	Spurgin Inc.	Paxton	308-239-4539		160
Kimball	Campstool Farms*	Kimball	308-235-7284		
Lincoln	Nelson Certified Seed*	Wallace	308-387-4698		50
Perkins	ORK Farms*	Grant	308-352-2132		100
Red Willow	Peters Seed Farms Inc.*	McCook	308-345-5170		207
Sedgwick	James J. Dolezal*	Julesburg, CO	970-885-3365		75
Thayer	Maschmann Mills*	Deshler	402-365-4369		
Webster	Stanley Pavelka	Bladen	402-756-3010		37
	Providence Farms	Bladen	402-756-1094		67

PVP **AgriPro brand NEOSHO** - Neosho is a medium maturing, tall semi-dwarf variety. It has a short coleoptile, very good straw strength. Winterhardiness is fair to good. Its grain has very good test weight patterns. Milling and baking properties are very acceptable. It shows good tolerance to strip rust, stem rust, and powdery mildew. Neosho is best adapted to central and eastern Kansas and southeastern Nebraska. Seed is produced and marketed exclusively under the AgriPro brand name. U.S. Protected Variety (PVPA 1994). Certificate No. 200500273. Neosho can only be sold as a class of certified seed.

County	Grower	Town	Telephone	Reg	Cert
Custer	Arrow Seed Co.	Broken Bow	308-872-6826		
Gage	Anderson Seed	Odell	402-766-3790		
Jefferson	Knobel Seeds	Fairbury	402-446-7394		
Thayer	Maschmann Mills*	Deshler	402-365-4369		

PVP **NIOBRARA -** Niobrara is a medium maturing, medium height variety. Niobrara has good winterhardiness, medium length coleoptile, good tillering ability, moderately strong straw, and acceptable milling/baking qualities. Niobrara was developed by Nebraska and the USDA-ARS from the cross TAM 105*4/Amigo//Brule selection. U.S. Protected Variety (PVPA 1994). Certificate No. 9500318. Niobrara can only be sold as a class of certified seed.

County	Grower	Town	Telephone	Reg	Cert
Buffalo	Donald Muhlbach	Ravenna	308-452-3588		11

PVP **AgriPro brand OGALLALA -** Ogallala is a moderately early maturing, moderately short variety. It has a medium length coleoptile, very good tillering ability, and very good straw strength. Winterhardiness is fair to good. Its grain has very good test weight patterns. Milling and baking properties are very acceptable. Ogallala was selected from the cross TAM 200 sib x Abilene. Seed is produced and marketed exclusively under the AgriPro brand name. U.S. Protected Variety. Certificate No. 9300292. It can only be sold as a class of certified seed.

County	Grower	Town	Telephone	Reg	Cert
Custer	Arrow Seed Company*	Broken Bow	308-872-6826		
Scotts Bluff	Westco*	Morrill	308-247-2126		

PVP **Husker Genetics brand OVERLAND -** Husker Genetics Brand Overland is an awned, white-glumed, semi-dwarf wheat cultivar. Its field appearance is most similar to Millennium. The mature plant height of Husker Genetics Brand Overland is approximately 33 inches. Husker Genetics Brand Overland has good straw strength, similar to Wesley. The winterhardiness is good to very good, similar to Nekota. Husker Genetics Brand Overland is moderately susceptible to stem rust but resistant to the most prevalent race of stem rust. It is moderately resistant to leaf rust, stripe rust, and Hessian fly. Husker Genetics Brand Overland also is more tolerant to Fusarium head blight than many widely grown lines. It is susceptible to wheat soilborne mosaic virus, barley yellow dwarf virus, and wheat streak mosaic virus. Husker Genetics Brand Overland is a hard red winter wheat cultivar developed cooperatively by the Nebraska Agricultural Experiment Station and the USDA-ARS. U.S. Variety Protection Applied For (PVPA 1994). Certificate No. 200700333. Husker Genetics Brand Overland can only be sold as a class of certified seed.

County	Grower	Town	Telephone	Reg	Cert
Custer	Arrow Seed Company	Broken Bow	308-872-6826		120
Frontier	John Scharf	Curtis	308-367-4174		38

PVP **OVERLEY -** Overley is a bronze chaffed, semi-dwarf hard red winter wheat closely resembling Jagger. It is medium in height with very good straw strength and excellent yield potential. Overley is early maturing and has better test-weight patterns than Jagger. It has fair to good winterhardiness and has shown resistant to leaf rust and soilborne mosaic virus. It is moderately resistant to stem rust and tolerant to wheat streak mosic virus. Overley is moderately susceptible to powdery mildew, Russian wheat aphid, and Hessian fly. Overley was selected from the cross U1275-1-4-2-2/Heyne 'S'//Jagger and was developed cooperatively by the Kansas Agricultural Experiment Station and the USDA-ARS. U.S. Protected Variety (PVPA 1994). Certificate No. 200400205. Overley can only be sold as a class of certified seed.

County	Grower	Town	Telephone	Reg	Cert
Dawes	Heritage Seed Co. Inc.	Crawford	308-665-1672		15
Frontier	Kent/Kelly Lehmann*	Eustis	308-486-5505	20	
Gage	Anderson Seed	Odell	402-766-3790		18
	Husa Seed Farms	Wymore	402-674-3188	10	
Jefferson	Knobel Seeds	Fairbury	402-446-7394	9	66
Nuckolls	C & C Farms	Superior	402-879-4639	30	32
Thayer	Kenneth Degenhardt	Hebron	402-768-2352		112
	Harlan F. Husa	Hebron	402-768-2423		23
	Maschmann Mills	Deshler	402-365-4369	60	90
	Wiedel's Circle E Inc.	Hebron	402-768-6729		100
Webster	Providence Farms	Bladen	402-756-1094		14

PVP **AgriPro brand POSTROCK -** Postrock is a tall, semidwarf variety with awns and a brown chaff at maturity. It has medium maturity and excellent straw strength. It is resistant to current central plains field races of stem rust, stripe and leaf rust. It is resistant to wheat soil-borne mosaic virus and moderately resistant to wheat streak mosaic virus and intermediate to wheat spindle streak mosaic virus. Postrock is moderately susceptible to powdery mildew and is susceptible to Hessian Fly. It is best adapted to the central and western plains south of Interstate 80.Postrock was developed, produced, and marketed exclusively under the AgriPro brand name. U.S. Protected Variety (PVPA 1994). Certificate No. 200600239. Postrock can only be sold as a class of certified seed.

County	Grower	Town	Telephone	Reg	Cert
Chase	Luhrs Cert Seed & Cond.	Enders	308-882-5917		
Custer	Arrow Seed Company	Broken Bow	308-872-6826		
Furnas	Von Johnson	Cambridge	308-697-4654		
Gage	Anderson Seed	Odell	402-766-3790		
	Blue Valley Seed	DeWitt	402-239-0566		
Red Willow	Peters Seed Farms Inc.	McCook	308-345-5170		

PRONGHORN - Pronghorn is a tall variety of moderately early maturity with good tillering ability and moderately strong straw. It has good yield stability in the Nebraska panhandle and dryland production areas in adjacent states. Yield is comparable to Buckskin with superior stem rust resistance. Pronghorn has a long coleoptile, very good early spring regrowth, and good winterhardiness. The grain has good test weight patterns and very acceptable milling/baking qualities. Pronghorn was developed by Nebraska and the USDA-ARS from the cross Centura/Dawn//Colt sib.

County	Grower	Town	Telephone	Reg	Cert
Box Butte	Cullan Farms*	Hemingford	308-487-5288	14	241
Chase	Luhrs Cert Seed & Cond.	Enders	308-882-5917	160	
Cheyenne	Kriesel Certified Seed	Gurley	308-884-2424	217	185
	Steve Schumacher*	Dalton	308-377-2502	22	
	Winkelman Seed*	Dalton	308-377-2453	13	84
Deuel	Ag Operations Group	Big Springs	308-889-3429	12	206
	Carter Certified Seed	Chappell	308-874-2595		235
	V & F Farms Co.	Chappell	308-874-2840	25	165
Perkins	Poppe Farms	Grant	308-252-2206	10	
Sedgwick	James J. Dolezal	Julesburg, CO	970-885-3365		97
Sheridan	Woods CountryFarm LLC	Rushville	308-327-2636		97

PVP **RIPPER** - Ripper is an awned, white-chaffed, early maturing, semidwarf hard red winter wheat. Plant height of Ripper is short and is 1.1 inch taller than Prairie Red and Hatcher and 2.6 inches shorter than Prowers 99. Coleoptile length of Ripper is longer than that of Prairie Red and Hatcher but shorter than that of Prowers 99. Shattering tolerance of Ripper is good. Ripper was selected from the cross 'CO940606/TAM107R-2' made in 1996. Ripper is moderately resistant to stem rust and susceptible to leaf rust. Ripper is susceptible to stripe rust and is moderately susceptible to wheat streak mosaic virus, susceptible to Hessian fly, and susceptible to greenbug Biotype E. Ripper is resistant to Russian wheat aphid Biotype 1 and susceptible to Russian wheat aphid Biotype 2. Ripper was developed by the Colorado Agricultural Experiment Station. U.S. Plant Variety Protection Applied For (PVPA 1994). Certificate No. 200700302. Ripper can only be sold as a class of certified seed.

County	Grower	Town	Telephone	Reg	Cert
Chase	Luhrs Cert Seed & Cond.	Enders	308-882-5917	107	

SCOUT 66 - Scout 66 is a moderately early maturing, tall variety with fair straw strength. It has a long coleoptile, very good early spring regrowth, and fair to good winterhardiness. Scout 66 is the long time standard for grain quality (protein, milling, baking) in the HRW wheat region. It was developed by Nebraska and the USDA-ARS from selections made in the variety Scout.

County	Grower	Town	Telephone	Reg	Cert
Cheyenne	Kriesel Certified Seed	Gurley	308-884-2424	50	

PVP **SMOKY HILL** - Smoky Hill is a hard red winter wheat best adapted to the wheat growing areas north of I-70. It is a late maturing variety with excellent yield potential and baking quality. Smoky Hill has good leaf rust and stripe rust resistance as well as soil borne disease protection. It is moderately susceptible to barley yellow dwarf virus and powdery mildew and susceptible to Hessian Fly. Smoky Hill has good shattering resistance, straw strength, and winterhardiness. Smoky Hill was developed by WestBred, LLC. U.S. Protected Variety (PVPA 1994). Certificate No. 200700115.

County	Grower	Town	Telephone	Reg	Cert
Gage	Anderson Seed	Odell	402-766-3790		7
Osborne	Star Seed Inc.	Osborne	785-346-5447		130
Saunders	Rezac Seed	Valparaiso	402-784-3875		35
Thayer	Harlan F. Husa	Hebron	402-768-2423	30	

PVP **AgriPro brand TAM 111** - TAM 111 is a tall semidwarf wheat with good drought tolerance. It is a medium maturing variety with good straw strength. The grain has very good test weight patterns and good milling/baking qualities. It was developed, produced, and marketed exclusively under the AgriPro brand name. U.S. Protected Variety. Certificate No.200300291. TAM 111 can only be sold as a class of certified seed.

County	Grower	Town	Telephone	Reg	Cert
Chase	Luhrs Cert Seed & Cond.	Enders	308-882-5917		
Furnas	Von Johnson*	Cambridge	308-697-4654		
Hitchcock	Peters Seed Farms Inc.	McCook	308-345-5170		
Scotts Bluff	Westco*	Morrill	308-247-2126		

PVP **TAM 112** - TAM 112 is a medium height, early maturing, tall semidwarf variety. It has tolerance to wheat streak mosaic, Green bugs and will tolerate drought conditions. It is susceptible to stripe rust and leaf rust. It has shatter resistance and has high test weights. U.S. Protected Variety (PVPA 1994). Certificate No. 200600274. TAM 112 can only be sold as a class of certified seed.

County	Grower	Town	Telephone	Reg	Cert
Chase	Luhrs Cert Seed & Cond.	Enders	308-882-5917		370

PVP AgriPro brand THUNDERBIRD - Thunderbird is a moderately early maturing, medium height variety with very good straw strength. It has a long coleoptile, fair to good winterhardiness, fast fall establishment, and fair tillering ability. The grain has very good test weight patterns and acceptable milling/baking qualities. It was developed and is produced and marketed exclusively under the AgriPro brand name. U.S. Protected Variety. Certificate No. 8500199. Thunderbird can only be sold as a class of certified seed.

County	Grower	Town	Telephone	Reg	Cert
Dawes	Heritage Seed Co. Inc.	Crawford	308-665-1672		

PVP AgriPro brand THUNDERBOLT - Thunderbolt is a moderately early, medium height variety. It was developed by AgriPro Seeds, Inc. and tested as W95-188. Test weight patterns are good and straw strength is fair to good. It has a medium length coleoptile. Thunderbolt is well adapted to the western dryland production areas of Nebraska and other states of the central High Plains. It is moderately susceptible to moderately resistant to stem rust; resistant to leaf rust; has some tolerance to wheat streak mosaic; is susceptible to soilborne mosaic, spindle streak mosaic, and Hessian fly. Thunderbolt was developed from the cross Abilene/KS90WGRC10. U.S. Protected Variety (PVPA 1994). Certificate No. 9900304. Thunderbolt can only be sold as a class of certified seed.

County	Grower	Town	Telephone	Reg	Cert
Chase	Luhrs Cert Seed & Cond.	Enders	308-882-5917		
Custer	Arrow Seed Company*	Broken Bow	308-872-6826		

PVP WAHOO - Wahoo is a medium maturing, medium height variety similar to Arapahoe. Wahoo has performed well throughout most of Nebraska and eastern Wyoming. Early yield trials indicate Wahoo's best yield performance is in eastern Nebraska. It was tested under the designation NE94645. Wahoo has shown good to very good winterhardiness, a medium coleoptile length, and moderate straw strength. Wahoo is moderately resistant to stem rust, leaf rust, and Hessian fly and is susceptible to wheat streak mosaic virus, and barley yellow dwarf virus. Wahoo was developed by Nebraska and the USDA-ARS from the cross of Arapahoe/AbileneArapahoe. U.S. Protected Variety. Certificate No. 200100237. Wahoo can be sold only as a class of certified seed.

County	Grower	Town	Telephone	Reg	Cert
Clay	Darrel Wehnes & Sons	Inland	402-772-8101		20
Frontier	Dunbar Seed*	Eustis	308-486-5590		94
Red Willow	Peters Seed Farms Inc.	McCook	308-345-5170		370
Saunders	Kubik Seed Sales*	Prague	402-663-4379		26
Sedgwick	James J. Dolezal*	Julesburg, CO	970-885-3365		52
Thayer	Maschmann Mills	Deshler	402-365-4369		40
Webster	Robert Bolte	Blue Hill	402-756-2107		9

WESLEY - Wesley is a moderately early maturing, moderately short height variety with excellent straw strength. It was tested as N95L158. Wesley is bronze chaffed similar in color to Jagger. Compared to 2137, it has similar adaptation and yield on optimum production soils and sites in the central and northern Great Plains. Wesley is more winterhardy, about 2 days later heading, slightly shorter, with similar protein and test weight patterns, and a lower level of protection to some foliar diseases. It is genetically complementary to most varieties being grown in Nebraska. Wesley was derived from the cross Sumner sib (Plainsman V/Odesskaya 51)//Colt/Cody. It was developed by the USDA-ARS in cooperation with Nebraska and co-released by those institutions with South Dakota.

County	Grower	Town	Telephone	Reg	Cert
Box Butte	Cullan Farms*	Hemingford	308-487-5288		240
Buffalo	Donald Muhlbach	Ravenna	308-452-3588		13
	KFF	Kearney	308-234-4819		114
Cass	Stock Seed Farm	Murdock	402-867-3771		39
Chase	Luhrs Cert Seed & Cond	Enders	308-882-5917		130
Cheyenne	Kriesel Certified Seed*	Gurley	308-884-2424		125
Clay	Darrel Wehnes & Sons*	Inland	402-772-8101		155
Custer	Arrow Seed Company*	Broken Bow	308-872-6826		96
Deuel	Ag Operations Group	Big Springs	308-889-3429		94
Frontier	Dunbar Seed	Eustis	308-486-5590		66
	Kent/Kelly Lehmann	Eustis	308-486-5505		13
	Scharf Farms	Curtis	308-367-4174		55
Furnas	Petersen Land & Cattle	Cambridge	308-697-4370		75
Gage	Blue Valley Seed	Dewitt	402-239-0566		45
Hamilton	Veburg Seed Farm	Hordville	402-757-3210		32
Red Willow	Peters Seed Farms Inc.*	McCook	308-345-5170		125
Jefferson	Knobel Seeds	Fairbury	402-446-7394		60
Kearney	J.M. Kuehn Inc.	Heartwell	308-563-2101		27
	Roberts Seed*	Axtell	308-743-2565		235
Keith	Spurgin Inc.	Paxton	308-239-4539		50
Kimball	Campstool Farms	Kimball	308-235-7284		62
Lincoln	Nelson Certified Seed*	Wallace	308-387-4698		60
Nemaha	Jandrea Inc.	Brock	402-868-4215		49
Nuckolls	C & C Farms*	Superior	402-879-4639		60
Scotts Bluff	Westco*	Morrill	308-247-2126		32
Sedgwick	James Dolezal*	Julesburg, CO	970-885-3365		93

Sheridan	Deer Creek Farms*	Rushville	308-327-2550	850
Thayer	Kenneth Degenhardt	Hebron	402-768-2352	212
	Harlan F. Husa*	Hebron	402-768-2423	57
	Maschmann Mills*	Deshler	402-365-4369	124
	Wiedel's Circle E Inc.	Hebron	402-768-6729	14
Webster	Robert Bolte	Blue Hill	402-756-2107	9
	Leon Lutkemeier	Bladen	402-756-8488	48
	Providence Farms	Bladen	402-756-1094	79
	Jeff/Norman Rose	Blue Hill	402-756-2073	50

PVP **2137 -** 2137 is an early maturing variety of moderately short height, slightly taller than TAM 107 and Karl 92. It can be grown statewide and is best adapted to more productive soils and sites. Straw strength is very good to excellent. 2137 is well suited to irrigated production. Its above average resistance to residue-borne foliar diseases makes it a useful choice for reduced tillage/continuous wheat systems. 2137 is very susceptible to fusarium head scab. It has a moderately short coleoptile, good tillering ability, and fair to good winterhardiness. Grain has average test weight patterns with acceptable milling and baking qualities. 2137 was selected by Kansas State and USDA-ARS from lines resulting from the cross W2440/W9488//2163 made by Pioneer HiBred Int'l. U.S. Protected Variety. (PVPA 1994) Certificate No. 9600304. 2137 can only be sold as a class of certified seed.

County	Grower	Town	Telephone	Reg	Cert
Gage	Anderson Seed	Odell	402-766-3790		24
Jefferson	Glenn H. Ebbers	Daykin	402-446-7423	50	
Kearney	J.M. Kuehn Inc.*	Heartwell	308-563-2101		14
Nuckolls	Edgar Buescher & Sons*	Lawrence	402-756-7791		107
Otoe	Dale Henke	Syracuse	402-269-2522	6	
Perkins	Poppe Farms*	Grant	308-252-2206	10	30
Saunders	Rezac Seed	Valparaiso	402-784-3875		22
Sheridan	William Junge*	Gordon	308-327-2823	20	

PVP **2145 -** 2145 is an awned, white chaffed, semi-dwarf wheat with good straw strength. It is similar to 2137 for maturity and is slightly shorter than Jagger. 2145 is a medium maturity variety with average winterhardiness. It has resistance to leaf rust, soil-borne mosaic virus and moderate resistance to stem rust. 2145 was developed copperatively by Kansas State Research & Extension and the Agricultural Research Service. It was evaluated as HBK630-4-5 and KS97P0630-4-5. Its pedigree consists of HBA142A/HBZ621A//Abilene. U.S. Protected Variety (PVPA 1994). Certificate No. 200200133. 2145 can only be sold as a class of certified seed.

County	Grower	Town	Telephone	Reg	Cert
Gage	Anderson Seed	Odell	402-766-3790		42
	Blue Valley Seed	DeWitt	402-239-0566		35
Nemaha	Mayer Seed	Auburn	402-274-5743		28
Nuckolls	Edgar Buescher & Sons	Lawrence	402-756-7791	8	66
Perkins	Poppe Farms*	Grant	308-252-2206		
Saunders	Rezac Seed	Valparaiso	402-784-3875		16
Webster	Providence Farms	Bladen	402-756-1094	15	169

HARD WHITE WINTER WHEAT

ANTELOPE - Antelope is an awned, white-glumed hard white winter wheat that has shown exceptional productivity under irrigated trials in western Nebraska, eastern Wyoming, and eastern Colorado. It combines high grain yield under irrigation with excellent lodging resistance. Maturity is moderately early, the same as Pronghorn. Antelope shows resistance to stem rust, stripe rust and has tolerance to barley yellow dwarf virus. Antelope is susceptible to wheat streak mosaic virus, wheat soilborne mosaic virus, Russian wheat aphid, and Hessian fly. Antelope was derived from the cross Pronghorn/Arlin and was developed by USDA-ARS, the University of Nebraska Experiment Station, and the University of Wyoming Experiment Station.

County	Grower	Town	Telephone	Reg	Cert
Box Butte	Cullan Farms*	Hemingford	308-487-5288	10	228
	Dan Laursen*	Alliance	308-487-5541		88
Deuel	Ag Operations Group	Big Springs	308-889-3429		46
Perkins	Poppe Farms*	Grant	308-252-2206		
Sedgwick	James Dolezal	Julesburg	970-885-3365		80

PVP **AgriPro brand AP401 CL -** AP401 CL is a hard white wheat developed by AgriPro Seeds exclusively for use in a contract grown Identity Preserved grain production system. It has short plant height with medium maturity and excellent straw strength. It is moderately resistant to leaf rust and resistant to soilborne mosaic virus and spindle streak mosaic virus. Milling and baking characteristics are good. **AP401 CL is a wheat to be used as a component of the BASF CLEARFIELD Production System**. CLEARFIELD is a unique production system comprised of herbicide-tolerant seed varieties and Beyond herbicide, a new imazamox-based herbicide to manage problem weeds. This system is designed to control weeds like jointed goatgrass, cheatgrass and other *Bromus spp.*, ryegrass, foxtails, wild oats, wild mustard, and volunteer cereals. This production system also provides a superior broad-spectrum grass control with a wide application window. This system incorporates low rates of the Beyond herbicide which allow a large rotational crop profile and fits all tillage methods.

The CLEARFIELD Production System will include a stewardship program that will help maintain the stability of the system. **This means the grower must purchase Certified AP401 CL wheat seed and must agree not to save seed for planting.** This means the grower must sell all of his production. Any unauthorized planting of the AP401 CL variety will be punishable under the U.S. Patent law. AP401 CL is a hard white wheat developed by AgriPro Seeds exclusively for use in a contract grown Identity Preserved grain production system. It has short plant height with medium maturity and excellent straw strength. AP401 CL is moderately resistant to leaf rust and resistant to soilborne mosaic virus and spindle streak mosaic virus. Milling and baking characteristics are good. U.S. Protected Variety (PVPA 1994). Certificate No.200300045. AP401 CL can only be sold as a class of certified seed.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Chase	Luhrs Cert Seed & Cond.	Enders	308-882-5917		

ARROWSMITH - Arrowsmith is an awned, white glumed hard white wheat that is primarily adapted to dryland sites in western Nebraska and eastern Wyoming. It is a medium maturing variety with a medium-long coleoptile and tall plant height. Arrowsmith is tolerant to barley yellow dwarf virus. It is moderately resistant to stripe rust and stem rust with moderate susceptibility to leaf rust. Arrowsmith is susceptible to wheat streak mosaic virus, wheat soilborne mosaic virus, Russian wheat aphid, and Hessian fly. It was derived from the cross KS87809-10/Arapahoe and was developed by USDA-ARS, the University of Nebraska Experiment Station, and the University of Wyoming Experiment Station.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Deuel	Ag Operations Group	Big Springs	308-889-3429	12	105

PVP **DANBY -** Danby is an awned, white chaffed, hard white seeded wheat variety. It is medium late in maturity (equal to Trego) and has slightly better straw strength compared to Trego. Danby's coleoptile length is average for a semi-dwarf variety and it has good winter-hardiness. Danby is nonshattering and has improved sprouting tolerance. Danby has effective levels of resistance to stripe rust, stem rust, and has the same level of tolerance to wheat streak mosaic virus as Trego. Danby is susceptible to leaf rust, soilborne mosaic virus, and Hessian fly. Danby is a hard white winter wheat selected from the cross Trego/KS84063-9-39-3-8w. Danby was developed and released by the Kansas Agricultural Experiment Station. U.S. Protected Variety (PVPA 1994). Certificate No. 200700177. Danby can only be sold as a class of certified seed.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Red Willow	Peters Seed Farms Inc.	McCook	308-345-5170	55	

PVP **AgriPro brand NuDAKOTA -** NuDakota is a hard white winter wheat developed by AgriPro. NuDakota is best adapted to the northern high plains north of interstate 80. NuDakota is derived from a bulk population derived from the cross Jagger/Romanian Bulk. NuDakota is a medium height semidwarf variety and has excellent straw strength and is medium-late maturity. NuDakota is resistant to stem rust, stripe rust and leaf rust. It is resistant to wheat soil-borne mosaic virus and moderately resistant to wheat streak mosaic virus. NuDakota is moderately resistant to speckled leaf blotch and tan spot. U.S. Protected Variety (PVPA 1994). Certificate No. 200600235. NuDakota can only be sold as a class of certified seed.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Custer	Arrow Seed Company	Broken Bow	308-872-6826		
Red Willow	Peters Seed Farms Inc.	McCook	308-345-5170		
Scotts Bluff	Westco	Morrill	308-247-2126		

PVP **AgriPro brand NuFRONTIER -** NuFrontier is a semidwarf hard white wheat variety with good straw strength and a medium-tall plant height, similar to Wahoo. It is a medium maturing cultivar, similar to Wahoo. Coleoptile length is medium and similar to Wahoo. NuFrontier is susceptible to stem rust. It has adequate winterhardiness in Nebraska. NuFrontier is best adapted to dryland conditions in southwest Nebraska and to irrigation in the Panhandle and southwest Nebraska. Certified seed is produced and marketed exclusively under the AgriPro brand name. U.S. Protected Variety (PVPA 1994). Certificate No. 200100199. NuFrontier can only be sold as a class of certified seed.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Chase	Luhrs Cert Seed & Cond.*	Enders	308-882-5917		

PVP **AgriPro brand PLATTE2 -** Platte2 is a medium height semi-dwarf variety, awned and has yellow chaff at maturity. It has medium late maturity, similar to Platte and excellent straw strength. Platte2 is resistant to field races of leaf rust and stem rust and is moderately susceptible to stripe rust. It has intermediate tolerance to Septoria triticii and tan spot and Hessian Fly. Platte2 is best adapted to both irrigated and dryland regions of the western high plains, including western Kansas, eastern Colorado and the panhandle of Nebraska. Platte2 is a hard white winter wheat variety developed by AgriPro. U.S. Protected Variety (PVPA 1994). Certificate No. 200600298. Platte2 can only be sold as a class of certified seed.

COUNTY	GROWER	TOWN	TELEPHONE	REG	CERT
Chase	Luhrs Cert Seed & Cond.	Enders	308-882-5917		

Notice: These members of the Nebraska Crop Improvement Association have available carryover certified quality wheat seed from previous years. Contact these NCIA members for more information on availability.

TRITICALE

PVP **NuPride brand NE422T -** NE422T is a late maturity (7 days later than Newcale) high yielding winter forage triticale with good winterhardiness. NE422T is a tall forage triticale (12 inches taller than Newcale) with good to average straw strength. It is moderately resistant to stem rust, leaf rust, and wheat streak mosaic virus. NE422T was developed by the Nebraska Agricultural Experiment Station and the USDA-ARS. Seed of NE422T may be legally produced and labeled for sale as Certified seed by qualified members of a recognized marketing association. In Nebraska this marketing association is the NuPride Genetics Network. U.S. Protected Variety (PVPA 1994). Certificate No. 200200153. NE422T can only be sold as a class of certified seed.

County	Grower	Town	Telephone	Reg	Cert
Chase	Luhrs Cert Seed & Cond.	Enders	308-882-5917		234
Saunders	Kubik Seed Sales	Prague	402-663-4379		10

TURFGRASSES

Buffalograss is a long-lived, sod-forming, native warm-season perennial grass which reproduces by seed and spreads vegetatively by stolons (runners). It is very suitable for use under low to medium maintenance as an ecologically sound and energy efficient turf. It may be established by seed, plugs, or sod. Even without mowing, plants are very short height (6-8 inches). Buffalograss begins growth in mid to late May and begins to go dormant with the first frost. It has a light green color and fine textured leaves. It grows best in full sunlight and is adapted to a wide range of soil types. Buffalograss has a higher resistance to drought stress than cool-season turfgrasses, because it has an extensive, deep root system and less leaf surface area.

PVP **NaTurf brand BOWIE -** Bowie is a widely adapted variety that exhibits quality vegetative characteristics. It has low growth habit and a medium green color similar to Texoka and Tatanka. Bowie has a course to medium leaf texture similar to Cody and its winter survival is equal to Texoka and Tatanka. It has shown good disease tolerance to Leaf Spot and Dollar Spot and has good tolerance to the Buffalograss Mite. Bowie has excellent vigor and establishes quickly with excellent drought tolerance to resist going dormant under drought conditions. Bowie was developed though the cooperative efforts of the Native Turfgrass Group and the University of Nebraska. Seed of Bowie is produced and marketed exclusively under the direction of the Native Turfgrass Group. Unauthorized production and sale of seed is illegal. U.S Protected Variety U.S. Protected Variety (PVPA 1994). Certificate No. 200100201.

County	Grower	Town	Telephone	Reg	Cert
Cass	Stock Seed Farm	Murdock	402-867-3771		
Custer	Arrow Seed Company	Broken Bow	308-872-6826		

PVP **NaTurf brand CODY -** Cody is a widely adapted, versatile turfgrass variety. It has low-growing plants which green up earlier in the spring and have a darker green color than most other buffalograss cultivars. It has a medium green color with excellent density and texture qualities. Once established and properly managed, Cody maintains a high quality turf throughout the summer. Excellent vigor and a good spread rate help it establish quickly. Cody was developed cooperatively by the members of the Native Turfgrass Group and the Nebraska Agricultural Research Division. Seed of Cody is produced and marketed exclusively under the direction of the Native Turfgrass Group. Unauthorized production and sale of seed is illegal. U.S. Protected Variety (PVPA 1994). Certificate No. 9600125.

County	Grower	Town	Telephone	Reg	Cert
Cass	Stock Seed Farm	Murdock	402-867-3771		
Custer	Arrow Seed Company	Broken Bow	308-872-6826		

PERENNIAL FORAGE GRASSES

Big Bluestem is a native warm-season, sod-forming grass which grows rapidly from mid-spring to early fall. Plants are tall (6+ ft) and robust. It is highly palatable even after maturity and is a high producer of nutritious forage and hay. Big bluestem is adapted statewide for range seedling on subirrigated sites and for irrigated pasture in mixed or pure stands. In eastern Nebraska, it is adapted on silty and clay sites.

PVP **BONANZA -** Bonanza is a synthetic variety developed by three generations of breeding for improved forage yield and forage digestibility. It produces good forage yields with high digestibility that results in improved animal gains when utilized by beef cattle in well managed grazing systems. Bonanza is earlier in maturity than Kaw or Goldmine, similar in maturity to Pawnee, and later in maturity than Rountree and Bison.

County	Grower	Town	Telephone	Reg	Cert
Cass	Stock Seed Farm	Murdock	402-867-3771		52

CHAMP - Champ is a synthetic variety developed from divergent types of big bluestem and sand bluestem by Nebraska in cooperation with the USDA-ARS. It is a moderately late maturing grass averaging 5 to 10 days earlier than Pawnee. It is better adapted for use on sandy sites than other big bluestem varieties.

County	Grower	Town	Telephone	Reg	Cert
Custer	Arrow Seed Company	Broken Bow	308-872-6826		21

KAW - Kaw was selected by Kansas from native Flint Hills ecotypes. It is a very late maturing grass about a week later than Pawnee. It is best adapted for forage and conservation uses in southern Nebraska and adjacent areas.

County	Grower	Town	Telephone	Reg	Cert
Cass	Stock Seed Farm	Murdock	402-867-3771		22
Lancaster	Miller Seed Company	Lincoln	402-438-1232	6	

PAWNEE - Pawnee is a synthetic variety developed from accessions collected in Pawnee county by Nebraska in cooperation with the USDA-ARS. It is a late maturing grass and heads in late July to early August. It is a widely adapted, typical big bluestem of the central prairies.

County	Grower	Town	Telephone	Reg	Cert
Cass	Harvey R. Mills	Murdock	402-867-2956		14
	Stock Seed Farm	Murdock	402-867-3771		30
Custer	Arrow Seed Company	Broken Bow	308-872-6826		23
Lancaster	Miller Seed Company	Lincoln	402-438-1232		6

ROUNTREE - Rountree as selected by the Soil Conservation Service in cooperation with Missouri from native ecotypes collected in west central Iowa. It is about the same maturity as Pawnee. It is widely adapted and was selected for increased growth rate, superior forage production, and improved standability.

County	Grower	Town	Telephone	Reg	Cert
Cass	Stock Seed Farm	Murdock	402-867-3771		15
Lancaster	Miller Seed Company	Lincoln	402-438-1232		10

Little Bluestem is a native, warm-season bunchgrass which grows rapidly from mid June to early August. Plants are medium height (3+ feet) and well tillered. It has good forage value when leaves are tender and succulent, but palatability is only moderate for fall grazing. Little bluestem is adapted statewide for use in warm-season mixtures and pure stands on most soils and sites. It is not as drought tolerant as blue grama.

ALDOUS - Aldous was selected by the Soil Conservation Service in cooperation with Kansas from native Flint Hills ecotypes. It is a very late maturing grass up to a week later than Camper. Plants are taller than other adapted varieties with good vigor.

County	Grower	Town	Telephone	Reg	Cert
Cass	Harvey R. Mills	Murdock	402-867-2956		21
	Stock Seed Farm	Murdock	402-867-3771		26

BLAZE - Blaze is a synthetic variety developed from ecotypes collected in Nebraska and Kansas. It is a late maturing grass, intermediate to Camper and Aldous. It is leafy, vigorous, and well adapted to the eastern half of Nebraska and adjacent areas.

County	Grower	Town	Telephone	Reg	Cert
Cass	Harvey R. Mills	Murdock	402-867-2956		7
	Stock Seed Farm	Murdock	402-867-3771		28
Lancaster	Miller Seed Company	Lincoln	402-438-1232		10

CAMPER - Camper is a synthetic variety produced by crossing two unrelated strains developed from original prairie sources by the USDA-ARS and Nebraska. It is a moderately late maturing grass, similar in maturity to Pawnee big bluestem. The combination of earlier maturity and diverse parentage provides wide adaptation.

County	Grower	Town	Telephone	Reg	Cert
Cass	Harvey R. Mills	Murdock	402-867-2956		30
	Stock Seed Farm	Murdock	402-867-3771		118
Custer	Arrow Seed Company	Broken Bow	308-872-6826		50
Lancaster	Miller Seed Company	Lincoln	402-438-1232		13

Sand Bluestem is a native warm-season, sod-forming grass which is highly palatable and has good forage value throughout the year. Plants are tall (6+ feet) and robust. It is adapted throughout Nebraska for sand and loamy range sites and has a long growing season similar to big bluestem. It has very good grazing tolerance.

GARDEN COUNTY - Garden County is a vigorous, tall, leafy composite variety of ecotypes collected in Garden county, Nebraska, and selected by the Soil Conservation Service. It is well adapted to the northern and central Great Plains.

County	Grower	Town	Telephone	Reg	Cert
Custer	Arrow Seed Company	Broken Bow	308-872-6826		18

GOLDSTRIKE - Goldstrike is a synthetic variety developed through crossing western Nebraska Sandhills ecotypes with related strains by the USDA-ARS and Nebraska. It is a moderately late maturing grass and is well adapted throughout the central Great Plains.

County	Grower	Town	Telephone	Reg	Cert
Cass	Stock Seed Farm	Murdock	402-867-3771		10
Custer	Arrow Seed Company	Broken Bow	308-872-6826		68

Bromegrass is an introduced cool-season, sod-forming grass which produces abundant forage in the spring and late summer for hay and pasture. It is very palatable until mature. It is widely adapted to eastern and central Nebraska and responds to intensive management practices. It is an early maturing grass and has moderate tolerance to drought and grazing.

REGAR - Regar meadow bromegrass was released by the USDA Soil Conservation Service, Plant Materials Center, Aberdeen, Idaho in 1966. It was derived from a introduction PI 172390 from Kars province, Turkey. Clones were selected and their seed was increased. Regar remains greener in the fall compared to smooth bromegrass. Regar is slower to establish and is less tolerant of spring flooding than smooth bromegrass.

County	Grower	Town	Telephone	Reg	Cert
Custer	Arrow Seed Company	Broken Bow	308-872-6826	35	

Blue Grama is a major warm-season grass found throughout the Great Plains. Plants are fairly short, reaching 10 to 20 inches with narrow basal leaves of 3 to 6 inches. Blue Grama grows in definite bunches and reproduces by tillering and by seed. It grows on a wide range of soils and is well adapted to clayey, rolling, and upland soils. Blue grama demonstrated good drought , fair salinity, and moderate alkalinity tolerance. Forage value is considered good to excellent.

BAD RIVER - Bad River Ecotype is a selection from a native collection harvested in 1988 from the floodplains of the Bad River near Philip in Central South Dakota. USDA/NRCS in addition to the North Dakota Ag Experiment Station, South Dakota Ag Experiment Station and the North Dakota Association of Conservation Districts cooperated in the source identified release in 1995 by the Plant Material Center, Bismark, ND. Plants range in height from 10-25 inches tall, and the seed head resembles a human eyebrow. The plant is a native, perennial, warm season bunchgrass. Leaves are mostly basal and curling. Leaf ligules are hairy. The area of adaptation is the Dakotas, the surrounding states, and the southern bordering provinces of Canada.

County	Grower	Town	Telephone	Reg	Cert
Custer	Arrow Seed Company	Broken Bow	308-872-6826		15

Sideoats Grama is a native warm-season, mildly sod-forming grass which grows rapidly in late spring and may stay green into late summer. Plants are medium height (3+ feet) and well tillered. Forage value and hay quality are good but low in yield. Drought tolerance is good. Sideoats grama is well adapted for use in native grass mixtures throughout Nebraska.

BUTTE - Butte is a variety selected by the USDA-ARS and Nebraska for superior seedling vigor and establishment from native Nebraska ecotypes. It is a medium (mid-summer) maturity grass, somewhat earlier than Trailway. It is widely adapted, especially for those areas with relatively short growing seasons.

County	Grower	Town	Telephone	Reg	Cert
Cass	Harvey R. Mills	Murdock	402-867-2956		34
	Stock Seed Farm	Murdock	402-867-3771	15	5
Custer	Arrow Seed Company	Broken Bow	308-872-6826	15	8

EL RENO - El Reno is a variety selected by the Soil Conservation Service and Kansas from native Oklahoma ecotypes. It is a moderately late maturity grass somewhat later than Trailway. It was selected for leafiness, forage production, and vigor.

County	Grower	Town	Telephone	Reg	Cert
Cass	Harvey R. Mills	Murdock	402-867-2956	15	4
	Stock Seed Farm	Murdock	402-867-3771		13

TRAILWAY - Trailway was selected from a naturally occurring hybrid population collected in Holt county by the USDA-ARS and Nebraska. It is well adapted to fine-textured upland soils of the central Great Plains but comparable in growth type to varieties originating farther south. It is a moderately late maturing grass.

County	Grower	Town	Telephone	Reg	Cert
Cass	Stock Seed Farm	Murdock	402-867-3771	13	
Custer	Arrow Seed Company	Broken Bow	308-872-6826	10	3

Indiangrass is a native warm-season, sod-forming species which provides palatable forage and hay throughout the summer, nearly equal to big bluestem in quality. Plants are tall (6+ feet) and robust. It is well adapted throughout Nebraska for most soils and sites, for use in range or pasture seedings in pure stands, and in mixtures with other tall warm-season grasses.

HOLT - Holt was selected from native ecotypes collected in Holt county by the USDA-ARS and Nebraska. It is a moderately late maturing grass, somewhat earlier than most indiangrass varieties. It has superior forage production for its maturity.

County	Grower	Town	Telephone	Reg	Cert
Cass	Stock Seed Farm	Murdock	402-867-3771		18
Custer	Arrow Seed Company	Broken Bow	308-872-6826		35

NEBRASKA 54 - Nebraska 54 was selected from native ecotypes collected in Jefferson county by Harold Hummel and released by Nebraska. It is a late maturing grass and is a few days earlier than Oto. Nebraska 54 is typical of central plains ecotypes.

County	Grower	Town	Telephone	Reg	Cert
Cass	Stock Seed Farm	Murdock	402-867-3771		37
Lancaster	Miller Seed Company	Lincoln	402-438-1232		23

Indian Ricegrass is a native warm-season bunchgrass. It ranges in height from 13 to 24 inches depending on precipitation. Indian Ricegrass is most commonly found on coarse textured and sandy soils. This grass is highly palatable to all classes of livestock. It provides excellent early spring feed, cures exceptionally well, and is valued as a winter feed for livestock.

NEZPAR - Nezpar Indian ricegrass was originally collected in 1935 from a site south of White Bird, Idaho, by the Pullman, Washington, Plant Material Center (PMC). It was selected from 152 accessions for its vegetative characteristics and low seed dormancy by the Aberdeen, Idaho, PMC and released in 1978. It is adapted to the Northwest and inter-mountain regions where precipitation averages 8 inches or above. It prefers gravely to loamy to sandy soils. It is noted for its large erect plant type, robust stems, abundant leaves, medium to small dark, nearly hairless elongated seeds, and good to excellent seedling vigor.

County	Grower	Town	Telephone	Reg	Cert
Scotts Bluff	Carl Thomas	Morrill	308-247-2096	8	20

Switchgrass is a native warm-season, sod-forming grass which grows rapidly in late spring and early summer. On adapted sites, it has high yield of good quality hay and forage if cut or grazed early. On fall and winter range, palatability is low. Plants are moderately tall (5+ ft), very well tillered, and robust. It is well adapted for use throughout the Great Plains for conservation plantings or in warm-season pastures. Most cultivars are susceptible to stem rust. In some years forage quality and seed yield may be affected.

BLACKWELL - Blackwell is an early pasture switchgrass. It is also a good soil erosion control grass. It is proven to be outstanding in leafiness, in total forage produced, and in resistance to rust and other diseases. It ranks well in seed production and in seedling vigor. Its forage yield is very comparable to Neb 28.

County	Grower	Town	Telephone	Reg	Cert
Custer	Arrow Seed Company	Broken Bow	308-872-6826		13

NEBRASKA 28 - Nebraska 28 was selected from a native meadow in Holt County and developed by Nebraska in cooperation with the USDA-ARS and Soil Conservation Sevice. It is a moderately late maturing grass about 2 weeks earlier than Pathfinder. It is well adapted to the northern Great Plains.

County	Grower	Town	Telephone	Reg	Cert
Custer	Arrow Seed Company	Broken Bow	308-872-6826		14
Lancaster	Miller Seed Company	Lincoln	402-438-1232		15

PATHFINDER - Pathfinder is a synthetic variety developed by Nebraska and the USDA-ARS from native ecotypes collected in Nebraska and Kansas. It is a late maturing grass selected for plant vigor, leafiness, and superior forage performance.

County	Grower	Town	Telephone	Reg	Cert
Custer	Arrow Seed Company	Broken Bow	308-872-6826		17

TRAILBLAZER - Trailblazer is the result of a basic genetic study designed to improve the forage quality of switchgrass. It is a 25 clone synthetic variety similar to Pathfinder in maturity, appearance, and area of adaptation. It was developed by Nebraska and the USDA-ARS.

County	Grower	Town	Telephone	Reg	Cert
Custer	Arrow Seed Company	Broken Bow	308-872-6826		35
Saline	Ron Vlasin	Crete	402-826-3422		25
Saunders	Kubik Seed Sales	Prague	402-663-4379		4

Intermediate Wheatgrass is a moderately late maturing, cool-season, sod-forming grass that produces excellent quality forage for hay or grazing in the late spring, early summer and fall. It was introduced from eastern Europe in the 1930's and is well adapted to all Major Land Resource Areas in Nebraska. Intermediate wheatgrass is more drought tolerant than smooth brome but less tolerant than crested wheatgrass. Plants are medium height (4+ feet), well tillered, and robust.

PVP **BEEFMAKER -** Beefmaker is an excellent intermediate wheatgrass for grazing. The in vitro dry matter digestibility (IVDMD) rating is one to two percentage points higher than other released wheatgrasses such as Haymaker. Plant height for Beefmaker is 42.5 inches. The head length is 9.9 inches, and head width is 3.7 inches. The flag leaf is located approximately 30.9 inches from the ground. Beefmaker was developed by USDA-ARS and the University of Nebraska. U.S. Plant Variety Protection Applied For (PVPA 1994). Certificate No. 200400232.

County	Grower	Town	Telephone	Reg	Cert
Box Butte	Dan Laursen	Alliance	308-487-5541		36
Brown	Dennis Bauer	Ainsworth	402-387-2213		22
Custer	Arrow Seed Company	Broken Bow	308-872-6826		14

HAYMAKER - Haymaker is a broadly adapted cultivar that produces high, stable forage yields when used for cool-season grass hay production or for pastures in the tall, mid-grass and short-grass eco-regions of the Central and Northern Great Plains. The forage quality of Haymaker as measured by *in vitro* dry matter digestibility and protein concentration is lower than Beefmaker but similar to that of other released cultivars of intermediate wheatgrass. Plant height is roughly 42 inches tall at maturity. The head length is about 10.3 inches long while the head width is 1/4 inch wide. The flag leaf is located approximately 32 inches from the ground. Haymaker was developed by USDA-ARS and the University of Nebraska. U.S. Plant Variety Protection Applied For (PVPA 1994). Certificate No. 200400234.

County	Grower	Town	Telephone	Reg	Cert
Scotts Bluff	Carl Thomas	Morrill	308-247-2096		5

Pubescent Wheatgrass is a long-lived, sod-forming, cool-season perennial grass that provides a nutritional pasture and is very palatable to all classes of livestock. It is closely related to intermediate wheatgrass but is distinguishable by the pubescence, or presence of short stiff hairs on the heads and seeds, is more winter hardy, much more drought tolerant, and with its ability to spread via rhizomes is a more vigorous sod. Adapted to wide range of soil, elevation and temperature conditions.

LUNA - Luna is a perennial, long-lived, rhizomatous, cool-season grass, similar to intermediate wheatgrass in appearance except having varying degrees of pubescence throughout the plant . "Luna is fairlv uniform, is a dark green color, and is less pubescent than other strains.

County	Grower	Town	Telephone	Reg	Cert
Scotts Bluff	Carl Thomas	Morrill	308-247-2096	8	

Western Wheatgrass is a native cool-season perennial, sod forming grass. It is a tenacious, dry range type of native grass which makes good spring grazing for several weeks before it becomes stemmy and unpalatable. Western wheatgrass is generally saline or alkaline tolerant. It does not do well on light soils but will tolerate periods of drought.

ARRIBA - Arriba is a rapidly germinating variety with good seedling establishment. It has dense, dark green, medium height foliage with aggressive rhizomes. Arriba was developed by the Plant Materials Center at Los Lunas, New Mexicao, from a selection found near Arriba, Colorado.

County	Grower	Town	Telephone	Reg	Cert
Box Butte	Dan Laursen	Alliance	308-487-5541	26	

BARTON - Barton seed was collected along clay bottomlands in Kansas. It is a strongly rhizomatous leafy type, shows little evidence of rust problems, and is superior in seed production. Its intended use is for pasture and seed production.

County	Grower	Town	Telephone	Reg	Cert
Custer	Arrow Seed Company	Broken Bow	308-872-6826	10	

Canada Wildrye is a cool-season, native grass that prefers moist sites. This perennial bunch grass has very good seedling vigor and early spring growth, which makes it easy to establish and cover ground rapidly. It also has some shade tolerance and will grow in sandy soil. The seed head is a nodding spike that matures in July. Canada wildrye leaf blades are flat with a rough upper surface and finely toothed margins. It makes a good companion in a prairie mixture. The plant has ornamental value and the dried seed heads look great in flower arrangements.

MANDAN - Mandan wildrye is shorter and is more leafy than ordinary Canada wildrye. It has a longer useful life than many strains and has the ability to withstand grazing over a period of several years. It is easily established and with its rapid grow can produce high forage yields. Mandan can be grown over a wide geographical area. It is susceptible to rust but is more resistant than other strains. It was developed at the Northern Great Plains Field Station from a mass selection collected on upland near Mandan, North Dakota.

County	Grower	Town	Telephone	Reg	Cert
Saunders	Kubik Seed Sales	Prague	402-663-4379		5

Nebraska Seed Improvement Conference

January 14 - 16, 2008

Sandhills Convention Center
North Platte, Nebraska

APPROVED SEED CONDITIONERS

An active APPROVED SEED CONDITIONER system is very important and an integral part of Nebraska's certification program. Approved Conditioners are seed cleaning firms who are authorized by the Board of Directors to purchase field-approved seed and move it to their plants for conditioning, submit samples for testing, order tags or certificates, and merchandise the finished product on a retail basis.

The objectives of the Approved Conditioner program are:

1. To expand the marketing options of seed producers who may not have adequate cleaning or merchandising facilities.
2. To provide the retail seed trade with reliable high quality sources of seed as markets demand.
3. To improve the quality of seed available, while insuring maintenance of varietal purity.
4. To promote acceptance and use of Nebraska certified seed.

West District

Ag Operations Group	Big Springs	308-889-3429
Carter Certified Seed	Chappell	308-874-2892
Cullan Farms	Hemingford	308-487-5288
D & S Hansen Farms	Hemingford	308-760-0189
Heritage Seed Company Inc.	Crawford	308-665-1672
Kelley Bean Company	Scottsbluff	308-635-6438
Kriesel Certified Seed	Gurley	308-884-2424
Dewain Lockwood	Kimball	308-235-4104
New Alliance Bean & Grain	Alliance	308-762-8014
Trinidad/ Benham	Bridgeport	308-262-1361
Westco	Morrill	308-247-2126

Southwest District

Dunbar Seed	Eustis	308-486-5590
Frenchman Valley Coop	Imperial	308-882-3224
Haskins Seed Cleaning	Wauneta	308-394-5530
Luhrs Certified Seed & Cond	Enders	308-882-5917
Olson Livestock & Seed	Haigler	308-297-3283
R & C Sprinklers LLC	Ogallala	308-284-2114
Sharp Brothers Seed Company	Healy, KS	316-398-2231

Central District

Arrow Seed Company	Broken Bow	308-872-6826
Monsanto Co.	Kearney	308-234-9710
Muhlbach Seeds	Ravenna	308-452-3588

South Central District

Harlan Husa	Hebron	402-768-2423
Knobel Seeds	Fairbury	402-446-7394
Lauber Seed Professionals LLC	Geneva	402-759-3102
Maschmann Mills	Deshler	402-365-4369
Miller Seed & Supply Company	York	402-362-5516
Mycogen Plant Sciences	York	402-362-7441
Pioneer Hi-Bred International, Inc.	Doniphan	402-744-3271
Pioneer Hi-Bred International, Inc.	York	402-362-3349
Remington Hybrid Seed Co.	Hastings	402-463-5581
Roberts Seed (Joe Roberts)	Axtell	308-743-2565
Star Seed, Inc.	Osborne, KS	913-346-5447
Syngenta Seeds Inc.	Phillips	402-886-2257
Darrel Wehnes and Sons	Inland	402-772-8101

Northeast District

Orchard Seed	Orchard	402-893-2445
Prairie Seed Company	O'Neill	402-336-1250

East Central District

Ag Reliant Genetics	Battle Creek	402-675-2975
Blair Seed Services	Blair	402-533-2244
Hoegemeyer Enterprises	Hooper	402-654-3399
Kaup Seed & Fertilizer	West Point	402-372-5588
W.A. Lafleur & Sons	Madison	402-454-2232
Seed Enterprises Inc.	West Point	402-372-3238

Southeast District

Anderson Seed	Odell	402-766-3790
Blue Valley Seed	DeWitt	402-239-0566
Cole Seed Farm, Inc.	Plattsmouth	402-298-8169
Husa Seed Farms	Wymore	402-674-3188
Mayer Seed	Auburn	402-274-5743
Miller Seed Company	Lincoln	402-475-1232
Muddy Creek Seed Farm	Johnson	402-868-6775
Ohlde Seed Farms	Palmer, KS	913-692-4555
Rezac Seed	Valparaiso	402-784-3875
Rohlfing Seeds	Talmage	402-264-3515
Stock Seed Farm	Murdock	402-867-3771
Syngenta Seeds, Inc..	Waterloo	402-779-2531
Thimm Farms, Inc.	Beatrice	402-228-2222
United Seeds, Inc.	Omaha	402-331-4800

CUSTOM CERTIFIED CONDITIONERS

In Nebraska, the function of the Custom Certified Conditioner is solely to provide seed cleaning and handling services–services which prepare certifiable seed produced by members from inspected acres for marketing channels.

Seed conditioners in this category voluntarily request inspection by the Association to provide quality assurance for the seed producer and seed consumer. Custom Certified Conditioners are subject to minimal procedural and equipment guidelines which are enacted by the NCIA Board of Directors.

The objectives of the Custom Certified Conditioner program are:

1. To provide necessary conditioning services for seed producers and merchandisers who do not have adequate cleaning facilities.
2. To improve the quality of seed available while insuring maintenance of varietal purity.
3. To promote acceptance and use of Nebraska certified seed.

West District

*Radke Engineering, Inc.	Big Springs	877-588-3211

Southwest District

*Grain Conditioning Inc.	Eaton, CO	970-454-0695
*Greenbank Inc.	Fort Morgan, CO	800-615-4769
*George Russell	Maywood	308-362-4459

Southeast District

Kamterter II LLC	Lincoln	402-466-1224

East Central District

Gro Alliance LLC	Whiting, IA	712-458-2175

*Portable Seed Cleaner

NOTE: Some firms listed as Approved Seed Conditioners also provide custom seed cleaning services.

2007 NCIA MEMBERS

Grower (GR) – A member who applies for field inspection services and used the services of either Custom or Approved Conditioners to prepare seed for marketing channels.

Grower-Conditioner (GC) – A member who applies for field inspection services and has adequate facilities for conditioning his own seed produced from inspected acres in preparation for marketing channels.

Custom Certified Conditioner (CC) – A member who may or may not apply for field inspection services and has adequate facilities for conditioning seed produced from inspected acres (by himself or other members) in preparation for sale in marketing channels.

Approved Seed Conditioner (AC) – A member who may or may not apply for field inspection services, has adequate facilities for conditioning seed, and may purchase bulk uncleaned seed from inspected acres of a crop grown by another member for conditioning, tagging, and sale in marketing channels as a class of certified seed.

Associate Member (AM) – Any other person, partnership, or corporation who would not be involved directly in the production, conditioning, or marketing of seed but is interested in furthering the goals of the Association may become a non-voting member.

Ag Operations Group	3026 Rd. 199	Big Springs	69122	308-889-3429	AC
AgReliant Genetics LLC	PO Box C	Battle Creek	68715	402-675-2975	AC
Agrex Inc.	PO Box 447	Superior	68978	402-879-4774	GR
AgriPro Wheat	PO Box 30	Assaria, KS	67416	785-667-2335	AM
Anderson Seed	42401 SW 61 Odell Rd	Odell	68415	402-766-3790	AC
Arrow Seed Company	PO Box 722	Broken Bow	68822	308-872-6826	AC
Kendall Atkins	3455 Rd 55 E.	Dix	69133	308-682-5647	GC
Bargen Trucking Inc.	1347 Rd. 4100	Nora	68961	402-225-2164	GR
Dennis Bauer	1354 E. 1st	Ainsworth	69210	402-387-2213	GR
Beebe Seed Farms, Inc.	1291 Old Lincoln Hwy	North Bend	68649	402-652-3741	GR
BioPlant Research	PO Box 320	Camp Point IL	62320	800-593-7708	AM
Blue Sun BioDiesel	1400 W 122 Ave Ste 1	Westminister CO	80234	303-865-7700	GR
Blue Valley Seed	6237 W Dogwood Rd	DeWitt	68341	402-239-0566	AC
Boe Seed Farm, Inc.	PO Box 10	Madison	68748	402-454-2884	GR
Robert Bolte	2073 Rd. 1800	Blue Hill	68930	402-756-2107	GR
Bratney Companies	3400 - 109TH St.	Des Moines IA	50322	515-270-2417	AM
Broberg Farms	PO Box 586	Tilden	68781	402-368-5647	GR
Edgar Buescher & Sons	2829 Rd. R	Lawrence	68957	402-756-7791	GR
D.K. Buskirk & Sons	7351 Gage Rd.	Hemingford	69348	308-487-3995	GC
C & C Farms	645 Rd. 4900	Superior	68978	402-879-4639	GC
Campstool Farms	102 Ridge Rd	Kimball	69145	308-235-7284	GR
Carter Certified Seed	15571 Rd. 14	Chappell	69129	308-874-2892	AC
Cast Farms, Inc.	4275 Van Dorn Rd.	Beaver Crossing	68313	402-532-7515	GR
Cole Seed Farm, Inc.	2101 Church Rd.	Plattsmouth	68048	402-298-8169	AC
Condon Farms, Inc.	86959 Hwy 13	Creighton	68729	402-358-3506	GR
Cooperative Producer Inc.	265 N Showboat Blvd	Hastings	68902	402-463-6875	BK
Corn States Hybrid Service	2505 McKinley	Des Moines IA	50321	515-285-3091	AM
Crosbyton Int Seed Co.	306 E. Main	Crosbyton, TX	79322		GR
Cullan Farms	6733 Franklin Rd.	Hemingford	69348	308-487-5288	AC
Deer Creek Farms	2901 - 470 Trail	Rushville	69360	308-327-2550	GR
Kenneth Degenhardt	6264 Rd. J	Hebron	68370	402-768-2352	GR
James J. Dolezal	16235 CR 63	Julesburg, CO	80737	970-885-3365	GR
Joseph Dubas	5225 Sunlight Ct.	Lincoln	68516	402-328-9923	GR
Dunbar Seed	74921 Rd. 414	Eustis	69028	308-486-5590	AC
Glenn H. Ebbers	57065 Hwy 4	Daykin	68338	402-446-7423	GR
Darrel Eberspacher	787 - 308 St.	Seward	68434	402-761-3178	GR
Kirk Foster	44774 Rd. 794	Berwyn	68819	308-935-1672	GR
Foundation Seed Division	1071 CR G RM C	Ithaca	68033	402-624-8038	AC
Frenchman Valley Farmer Coop	143 Broadway	Imperial	69033	308-882-3224	AC
Gangwish Seed Farms Inc	PO Box 530	Shelton	68876	308-647-5301	GR
Garst Seed Co.	615 Main St.	Coon Rapid IA	50058	712-684-3248	GR
Gleason Farms, Inc.	724 S. Cameron Rd.	Wood River	68883	308-583-2413	GR
Golden Acres Genetics	PO Box 20787	Waco, TX	76702	254-761-9838	AM
Grain Conditioning Inc.	1305 Black Hawk Rd.	Eaton, CO	80615	970-454-0695	CC
Greenbank Inc.	PO Box 1037	Fort Morgan CO	80701	800-615-4769	CC
Greenkeeper Co. Inc.	PO Box 451123	Omaha	68137	402-333-8813	GR
Gro Alliance LLC	14633 Hwy K64	Whiting IA	51063	712-458-2175	CC
Gross Seed Co. Inc.	HC 66 Box 13	Johnstown	69214	402-722-4215	AM
Gustafson Inc.	18757 Orchard Ave.	Omaha	68135	402-502-5420	AM
Richard Ham	33694 River Rd.	Benkelman	69021	308-423-2936	GR
D & S Hansen Frarms	982 CR 63	Hemingford	69348	308-760-0189	AC
Haskins Seed Cleaning	RR 2 Box 114	Wauneta	69045	308-394-5530	AC
Helena Chemical	PO Box 110	Albion	68620		BK

Dale Henke	2490 N Rd	Syracuse	68446	402-269-2522	GC
Hergert Milling Inc.	1424 Ave B	Scottsbluff	69361	308-632-2315	AM
Heritage Seed Co. Inc.	PO Box 544	Crawford	69339	308-665-1672	AC
B.K. Heuermann & Sons	504 W. Hwy 34	Phillips	68865	402-886-2911	GR
Hoegemeyer Hybrids	1755 Hoegemeyer Rd.	Hooper	68031	402-654-3399	AC
Husa Seed Farms	46359 S. 108 Rd.	Wymore	68466	402-674-3188	AC
Harlan F. Husa	926 Rd. 7100	Hebron	68370	402-768-2423	AC
Illinois Foundation Seed	2840 O St Rd.	Seward	68434	402-643-3691	AM
IPSA	2320 S. 48 Ste 102	Lincoln	68506	402-483-2571	AM
Jandera Inc.	63008 - 733A Road	Brock	68320	402-868-4215	GR
Von Johnson	424 Shole Ave	Cambridge	69022	308-697-4654	GC
William Junge	2621 - 590 Rd.	Gordon	69343	308-327-2823	GR
Kamterter II LLC	PO Box 30327	Lincoln	68503	402-466-1224	CC
Kaup Seed & Fertilizer	1101 S. Beemer St.	West Point	68788	402-372-5588	AC
KDH Sales	63947 - 725 Rd.	Auburn	68305	402-274-5665	GR
Kelley Bean Co.	28810 CR S	Brush CO	80723	970-842-5082	GR
Kelley Bean Co.	480 Hwyy 18 NE	Mayville, ND	58257	701-543-3000	GR
Kelley Bean Co.	PO Box 2488	Scottsbluff	69361	308-635-6438	AC
KFF	#29 Rolling Hills Rd.	Kearney	68845	308-234-4819	GR
Kirchhoff Farms, Inc.	4752 Hwy 8	Hardy	68943	402-236-8831	GR
Knobel Seeds	72055 567 Ave.	Fairbury	68352	402-446-7394	AC
Kriesel Certified Seed	4626 Rd 111	Gurley	69141	308-884-2424	AC
Kubik Seed Sales	1860 CR 31	Prague	68050	402-663-4379	GR
J.M. Kuehn Inc.	1639 40 Rd.	Heartwell	68945	308-563-2101	GR
Ladd Farm	PO Box 94	Nickerson	68044	402-727-9903	GC
W.A. Lafleur & Sons	111 E. 2 St.	Madison	68748	402-454-2232	AC
Lauber Seed Professionals LLC	549 R St.	Geneva	68361	402-759-3102	AC
Dan Laursen	7678 Madison Rd.	Alliance	69301	308-487-5541	GR
Laux Seed Farm	HC 85 Box 48	Bridgeport	69336	308-262-0512	GC
Kent/Kelly Lehmann	74376 Middle Canyon Rd.	Eustis	69028	308-486-5505	GR
Dewain Lockwood	3814 N Hwy 71	Kimball	69145	308-235-4104	AC
Loschen Farms Inc.	485 X Rd.	Wilcox	68982	308-938-5553	GR
Luhrs Cert Seed & Conditioning	73421 - 340 Ave.	Enders	69027	308-882-5917	AC
Leon Lutkemeier	2357 - 400 Rd.	Bladen	68928	402-756-8488	GR
Bruce A. Madsen	5284 B Rd.	Nehawka	68413	402-263-5555	GR
Maschmann Mills	PO Box 428	Deshler	68340	402-365-4369	AC
Mayer Seed	637118-724 Rd.	Auburn	68305	402-274-5743	AC
Mettenbrink Farms	3042 N. Engleman Rd.	Grand Island	68803	308-382-8828	GR
Miller Seed & Supply	327 York Ave.	York	68467	402-362-5516	AC
Miller Seed Co. Inc.	1600 Cornhusker Hwy	Lincoln	68501	402-438-1232	AC
Harvey R. Mills	29606 Mill Rd.	Murdock	68407	402-867-2956	GC
Monsanto Co.	PO Box 73	Kearney	68848	308-234-9710	AC
Muddy Creek Seed Farm	73001- 627 Ave.	Johnson	68378	402-868-6775	AC
Mueller Sod Farm	1680 - 83 St.	Columbus	68601	402-564-6364	GR
Muhlbach Seeds	46385 - 295 Rd.	Ravenna	68869	308-452-3588	AC
Mycogen Plant Sciences	1117 Recharge Rd.	York	68467	402-362-7441	AC
Nature Conservancy	1228 L St. Ste 1	Aurora	68818	402-694-4191	GR
Nebraska Ag Specialties	1717 E Hwy 6	Holdrege	68949	308-995-2246	BK
Nebraska Irrigated Seeds LLC	2005 N Somers Ave	Fremont	68025	402-721-6438	GC
James Nejezchleb	PO Box 5	Deweese	68934	402-262-2277	GR
Nelson Certified Seed	37629 W. Nelson Rd.	Wallace	69169	308-387-4698	GR
Lee E. Nelson & Sons	30951 Rd. W	Sutton	68979	402-773-4700	GR
New Alliance Bean & Grain	PO Box 619	Alliance	69301	308-762-8014	AC
Phil Nielsen Seed	54136 - 885 Rd	Bloomfield	68718	402-373-2627	GR
Ohlde Seed Farms	1577 - 4 Rd.	Palmer KS	66962	913-692-4555	AC
Oliver Manufacturing	PO Box 512	Rocky Ford CO	81067	719-254-3480	AM
Olson Livestock & Seed	31921 Rd. 711	Haigler	69030	308-297-3283	AC
Orchard Seed	51243 - 862nd Rd	Orchard	68764	402-893-2445	AC
ORK Farms	PO Box 356	Grant	69140	308-352-2132	GR
Osler Farms	34550 Rd. 751	Elsie	69134	308-228-2296	GC
Paramount Seed	7682 CR Z	Quinter KS	67752	785-754-2151	GR
Stanley Pavelka	18350 S. Conestoga	Bladen	68928	402-756-3010	GR
Peters Seed Farms Inc.	71353 Rd. 378	McCook	69001	308-345-5170	GC
Petersen Farms Inc.	1420 E. Capital	Grand Island	68801	308-382-1672	GR
Petersen Land & Cattle	PO Box 236	Cambridge	69022	308-697-4370	GR
Peterson Genetics Inc.	1710 Adams St.	Cedar Falls IA	50613	319-266-1731	AM
Pioneer Hi-Bred Int'l Inc.	12937 S. Hwy 281	Doniphan	68832	402-744-3271	AC
Pioneer Hi-Bred Int'l Inc.	1410 Hwy 34	York	68467	402-362-3349	AC
Platte River Seed Co.	PO Box 864	Kearney	68848	308-237-5253	GR

Paul D. Platter	71927 - 649 Ave.	Shubert	68437	402-883-2365	GC
Polansky Seed	2729 M St.	Belleville,KS	66935	785-527-2271	GR
Poppe Farms	200 Central Ave.	Grant	69140	308-252-2206	GR
Potthoff Coyote Canyons	HC 2 Box 122	Trenton	69044	308-276-2548	GR
Prairie Seed Company	87194 - 494 Ave	O'Neill	68763	402-336-1250	AC
Providence Farms/Keith Berns	932 Rd. X	Bladen	68928	402-756-1094	GR
R & C Sprinklers LLC	2 East B St	Ogallala	69153	308-284-2114	AC
Radke Engineering	3903 Maryhill Dr.	Cedar Falls IA	50613	877-588-3211	CC
Ramaeker Organic Farms	PO Box 1	Monroe	68647	402-495-3555	GR
Remington Hybrid Seed Co.	311 Rd. 3163	Hastings	68901	402-463-5581	AC
Rezac Seed	840 CR 31	Valparaiso	68065	402-784-3875	AC
Armand G. Richert	2320 448 Rd.	Gresham	68367	402-735-7523	GR
Richmond Farms	RR 1 Box 143	Grant	69140	308-352-4473	GR
Roberts Seed	982 - 22 Rd.	Axtell	68924	308-743-2565	AC
Rocking T-J Farms Inc.	1781 CR 74	Hemingford	69348	308-487-5277	GR
Rohlfing Seed	4275 S Rd.	Talmage	68448	402-264-3515	AC
Jeff/Norman Rose	2016 Rd. S	Blue Hill	68930	402-756-2073	GR
George Russell	PO Box 82	Maywood	69038	308-362-4459	CC
Scharf Farms	RR 1 Box 9	Curtis	69025	308-367-4174	GR
Scheitel Feed & Seed	Po Box 476	Falls City	68355	402-245-3712	GR
Pete Schmit & Sons LTD	230-40 Rd.	Bellwood	68624	402-538-4645	GR
Steve Schumacher	5865 Rd. 115	Dalton	69131	308-377-2502	GR
Scotts Company	7644 Keene Rd. NE	Gervais OR	97026	503-792-3633	AM
Scoular Grain	2027 Dodge St.	Omaha	68102	402-342-3500	GR
Seed Enterprises Inc.	679 - 19 Rd.	West Point	68788	402-372-3238	AC
Sharp Brothers Seed Co.	PO Box 140	Healy KS	67850	316-398-2231	AC
J.R. Simplot Company	PO Box 99	Hershey	69143	308-368-5651	BK
Ron Smith	27712 CR 10	Hooper	68031	402-654-3895	GR
Spurgin Inc.	790 Rd E. R So.	Paxton	69155	308-239-4539	GR
Star Seed Inc.	PO Box 228	Osborne KS	67473	913-346-5447	AC
Starr Partnership	1140 W. Lochland Rd.	Hastings	68901	402-461-4229	GR
Stateline Bean Producers Coop	801 Railroad St.	Gering	69341	308-436-2186	GR
Stauffer Seeds	PO Box 128	Carroll, IA	51401	712-792-2525	GR
David Stock	28008 Mill Rd.	Murdock	68407	402-867-3771	GR
Stock Seed Farm	28008 Mill Rd.	Murdock	68407	402-867-3771	AC
Syngenta Seed Treatment	#29 Rolling Hills Rd.	Kearney	68847	308-234-4819	AM
Syngenta Seeds Inc.	PO Box 125	Phillips	68865	402-886-2257	AC
Syngenta Seeds Inc.	PO Box 307	Waterloo	68069	402-779-2531	AC
Syngenta Seeds, Inc.-AgriPro	PO Box 30	Berthoud, CO	80513	970-532-3721	GR
Thimm Farms Inc.	5104 W Hwy 136	Beatrice	68310	402-228-2222	AC
Carl Thomas	10038 CR 10	Morrill	69358	308-247-2096	GR
Thorsen Family Farm Inc.	1445 - 680 Rd.	Gordon	69343	308-282-0189	GR
Todd Valley Farms	PO Box 202	Mead	68041	402-624-6385	GR
Trinidad/Benham	PO Box 427	Bridgeport	69336	308-262-1361	AC
UAP Ag Services	PO Box 98	Imperial	69033	308-882-4308	GR
United Seeds Inc.	PO Box 27322	Omaha	68127	402-331-4800	AC
V & F Farms Co.	PO Box 467	Chappell	69129	308-874-2840	GR
Veburg Seed Farm	2706 N. W Rd.	Hordville	68846	402-757-3210	GC
Ron Vlasin	790 CR 2350	Crete	68333	402-826-3422	GR
Lloyd Vogt & Son	33726 Adams St.	Elmwood	68349	402-994-2475	GC
Darrell Wehnes & Sons	671 Rd 318	Inland	68954	402-772-8101	AC
Ruben Wehnes	PO Box 237	Inland	68954	402-772-8101	GR
Westco	PO Box 516	Morrill	69358	308-247-2126	AC
Dale/Henry Wicke	PO Box 76	Wauneta	69045	308-394-5777	GC
Wiedel's Circle E Inc.	875 Hwy 81	Hebron	68370	402-768-6729	GR
Williams Lawn Seed Inc.	224 W So. Hills Dr.	Maryville MO	64468	800-457-9571	GR
Winkelman Seed	PO Box 352	Dalton	69131	308-377-2453	GC
Winter Farms	1703 Rd 5	Grafton	68365		GR
Woods Country Farm LLC	6161 - 330 Lane	Rushville	69360	308-327-2636	GR
Dale/Linda Zoerb	RR 1 Box 105	Litchfield	68852	308-446-2366	GR

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