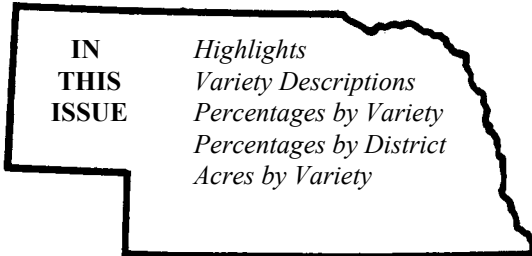


Released January 2002, by the Nebraska Agricultural Statistics Service, USDA . For more information contact us at: 100 Centennial Mall North, Suite 298, Lincoln, NE 68508, 402-437-5541, e-mail at nass-ne@nass.usda.gov, Internet at <http://www.usda.gov/nass/>.



Dear producers and other data users:

Information contained herein is the result of mail and phone surveys conducted last December with the Fall Agricultural Report. Special recognition and appreciation are extended to all producers who provided data making this report possible.

William G. Hamlin
State Statistician

Alliance Most Popular Variety Planted for 2002

Highlights

Alliance was the most popular winter wheat variety planted for the 2002 crop year in Nebraska for the second year in a row. It first appeared in the state in 1994 and has steadily increased in popularity. Arapahoe retained its second place spot after falling behind Alliance last year.

For the 2002 crop, Alliance accounted for 16.6 percent of the acreage and Arapahoe 13.0 percent. Pronghorn remained third with 10.8 percent and 2137 was fourth with 8.0 percent. Niobrara was fifth with 6.9 percent.

Hard white winter wheat varieties account for less than 1 percent of the acreage.

Funding

“Nebraska Wheat Varieties” is funded with wheat producer check off funds provided by the Nebraska Wheat Board.

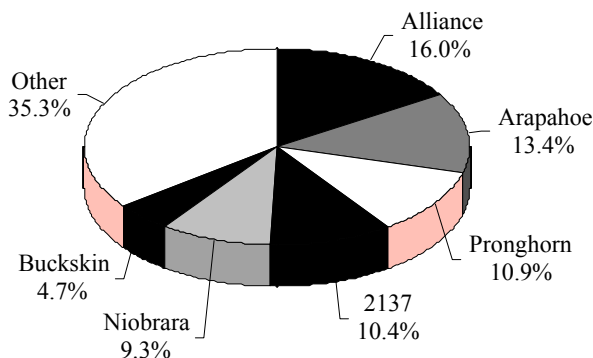
District Highlights

Alliance was the most popular wheat variety in the Northwest where over 44 percent of Nebraska’s wheat acres are grown. It was a close second to Arapahoe in the Southwest but was hard to find in the South, East and Southeast. Arapahoe was most popular in the Central, East and Southwest and second most popular in the South. 2137 topped the list in the South while Karl was the most popular in the Southeast. Pronghorn’s strong third place showing was due to its popularity in the Northwest and Southwest. Buckskin was third most popular in the Northwest keeping it sixth overall.

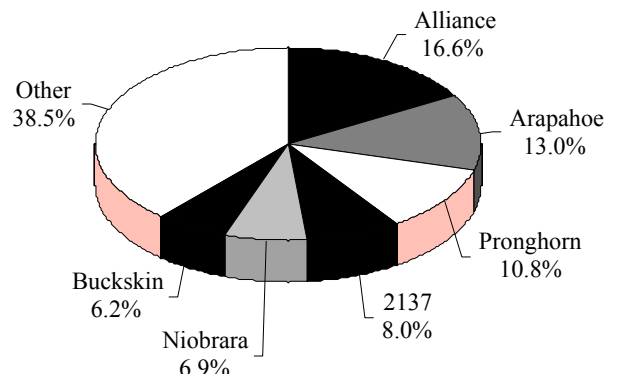
Data Source

This wheat variety data was provided by the voluntary reports of approximately six hundred Nebraska wheat producers who responded to the 2001 Fall Agricultural Report. The summary included reports representing ten percent of the state's total planted acreage estimate.

Top Wheat Varieties for 2001



Top Wheat Varieties for 2002



Variety Descriptions

The moderately short height and early maturing variety, **Alliance**, has fair to good winter hardiness, fair test weight, acceptable protein, and good milling/baking qualities. This variety was produced from a cross of Arkan, Colt, and Chisholm sister line by Nebraska and the USDA-ARS. It has shown above-normal tolerance for crown/root rot and is moderately resistant to stem rust.

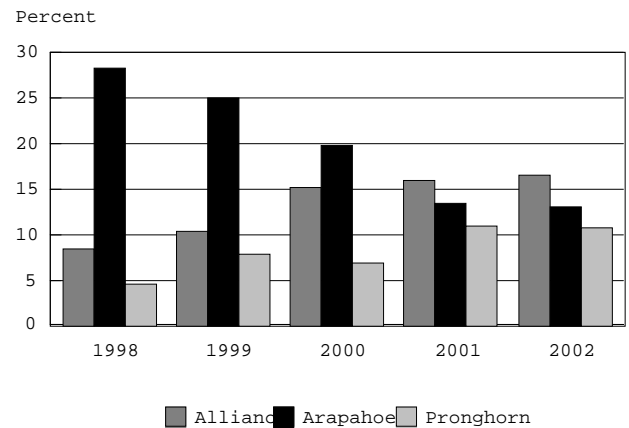
Even though **Arapahoe** has declined over the past seven years, its winter hardiness and tillering ability have been noted qualities of this second most popular wheat variety grown in Nebraska. This variety with medium maturity and height was developed by Nebraska and the USDA-ARS, from a cross of five varieties: Burle, Parker, Agent, Belot.198, and Lancer. Arapahoe has good protein levels, test weight, and milling/baking qualities. It is resistant to stem rust and moderately resistant to leaf rust.

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 in adjacent states. Yield is comparable to Buckskin with superior stem rust resistance. It has a long coleoptile and good early spring regrowth along with good winter hardiness. The grain has

very good test weight patterns and milling/baking qualities. It was developed by Nebraska and the USDA-ARS from the cross Centura/Dawn/Colt sib.

Variety Descriptions were provided by the Nebraska Crop Improvement Association.

Comparison of the Top 3 Wheat Varieties



Winter Wheat: Percent Planted to Each Variety Nebraska, 1994-2002

Variety	1994	1995	1996	1997	1998	1999	2000	2001	2002
	<i>Percent</i>								
Alliance	¹	¹	2.7	7.3	8.4	10.4	15.1	16.0	16.6
Arapahoe	32.9	33.6	31.6	30.1	28.3	25.0	19.8	13.4	13.0
Pronghorn				¹	4.6	7.8	6.9	10.9	10.8
2137				¹	1.4	3.6	8.2	10.4	8.0
Niobrara		¹	1.4	6.5	7.5	11.4	10.3	9.3	6.9
Buckskin	5.5	4.0	5.8	6.0	6.5	5.0	2.9	4.7	6.2
Millenium								¹	3.5
Centura	11.1	8.0	9.1	9.8	7.7	7.7	6.9	3.7	3.4
Jagger			¹	¹	¹	1.1	2.9	2.4	3.4
Karl/Karl 92	3.8	6.9	7.3	6.9	6.6	5.5	4.4	4.1	3.3
Vista	¹	4.6	3.6	4.6	3.9	2.1	2.7	1.7	3.1
Culver							¹	3.1	2.8
Wesley							¹	1.1	2.2
Akron				¹	¹	1.6	1.5	¹	1.8
Tomahawk (AgriPro)	3.9	3.1	2.9	2.5	2.6	1.6	1.0	²	1.8
Ogallala (AgriPro)	²	²	2.2	1.5	1.6	1.2	1.4	2.2	1.5
Abilene (AgriPro)	3.0	4.1	2.8	2.2	2.4	2.7	2.7	2.5	1.3
Other Public ³	26.5	23.8	20.4	13.8	13.1	7.5	8.5	9.2	6.5
Other Private	13.3	11.9	10.2	8.8	5.4	5.8	4.8	5.3	3.9
	<i>Thousand Acres</i>								
Total Planted	2,200	2,150	2,300	2,000	1,900	1,900	1,750	1,750	1,700

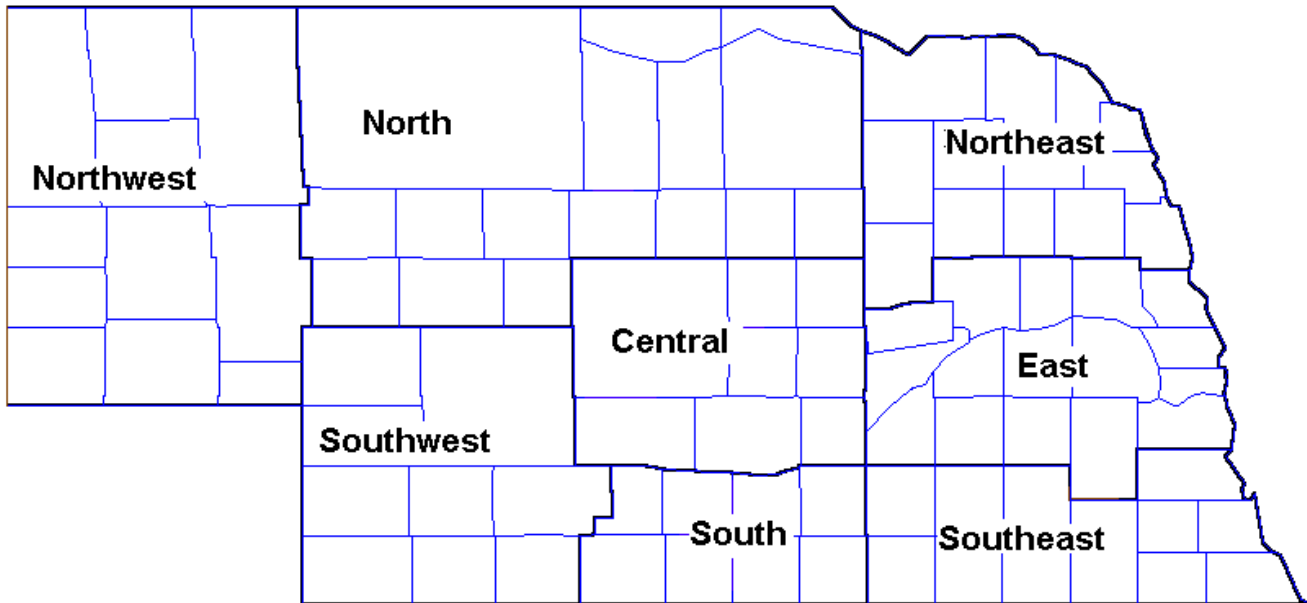
¹ Included in Other Public. ² Included in Other Private. ³ Other public varieties planted for 2002 include 2163, Brule, Cougar, Gage, Ike, Lancer, Nekota, Newton, Nuplains (Hard White), Rawhide, Scout 66, Siouxland, Tam 107, Trego (Hard White), Wahoo, and Windstar.

**Winter Wheat: Percent Planted to Each Variety
by District, Nebraska, 2002**

Variety	Northwest	North ¹	Northeast ¹	Central	East	Southwest	South	Southeast	State
	<i>Percent</i>								
Alliance	26.9			7.5		14.7	1.0		16.6
Arapahoe	9.3			25.1	51.0	16.3	15.8	8.9	13.0
Pronghorn	17.4					9.4	0.9	0.8	10.8
2137	2.5			10.7	9.0	10.1	16.8	16.5	8.0
Niobrara	7.1			13.4		11.1	1.8		6.9
Buckskin	13.4					0.7		1.1	6.2
Millenium	1.9			0.4	0.9	4.5	6.1	3.5	3.5
Centura	6.8				0.8	1.0	0.2		3.4
Jagger	1.1					5.7	2.0	9.1	3.4
Karl/Karl 92					12.0	0.1	8.3	22.2	3.3
Vista	1.7				17.9	5.6	2.4	0.4	3.1
Culver	0.1			24.9	1.0	2.3	7.7	8.8	2.8
Wesley	1.9			2.1	1.5	0.7	2.1	8.7	2.2
Akron	2.2					2.3		1.3	1.8
Tomahawk (AgriPro)						4.3	3.5		1.8
Ogallala (AgriPro)	0.1			3.6	0.3	1.3	8.5	0.2	1.5
Abilene (AgriPro)	1.0					0.8	4.6	0.4	1.3
Other Public	4.6			10.4	1.5	5.1	11.4	9.2	6.5
Other Private	2.0			1.9	4.1	4.0	6.9	8.9	3.9
	<i>Thousand Acres</i>								
Total Planted	750	14	2	21	23	530	200	160	1,700

¹ Insufficient data to establish level.

Nebraska Agricultural Statistics Districts



**Winter Wheat: Acres Planted to Each Variety
Nebraska, 1994-2002**

Variety	1994	1995	1996	1997	1998	1999	2000	2001	2002
<i>Thousand Acres</i>									
Alliance	¹	¹	62	146	160	197	264	280	283
Arapahoe	724	722	726	602	538	474	346	234	222
Pronghorn				¹	87	149	121	191	183
2137				¹	27	68	143	182	136
Niobrara		¹	32	130	142	217	180	163	118
Buckskin	121	86	134	120	123	94	51	82	106
Millenium								¹	59
Centura	244	172	209	196	146	145	121	65	57
Jagger			¹	¹	¹	21	51	42	57
Karl/Karl 92	84	148	167	138	125	105	77	72	56
Vista	¹	99	84	92	74	41	47	30	52
Culver							¹	54	48
Wesley							¹	19	37
Akron				¹	¹	30	26	¹	31
Tomahawk (AgriPro)	86	67	66	50	49	30	18	²	30
Ogallala (AgriPro)	²	²	49	30	30	23	25	38	26
Abilene (AgriPro)	66	88	64	44	46	52	47	44	22
Other Public ³	582	512	474	276	250	142	149	161	111
Other Private	293	256	233	176	103	112	84	93	66
Total Planted	2,200	2,150	2,300	2,000	1,900	1,900	1,750	1,750	1,700

¹ Included in Other Public. ² Included in Other Private. ³ Other public varieties planted for 2002 include 2163, Brule, Cougar, Gage, Ike, Lancer, Nekota, Newton, Nuplains (Hard White), Rawhide, Scout 66, Siouxland, Tam 107, Trego (Hard White), Wahoo, and Windstar.

*We express our appreciation to the Nebraska Wheat Board for funding and Nebraska Crop Improvement Association for their input.
For additional information on specific varieties, please contact the Nebraska Crop Improvement Association at (402)472-1444.*

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