

NEBRASKA

WHEAT VARIETIES



NEBRASKA
AGRICULTURAL
STATISTICS
SERVICE
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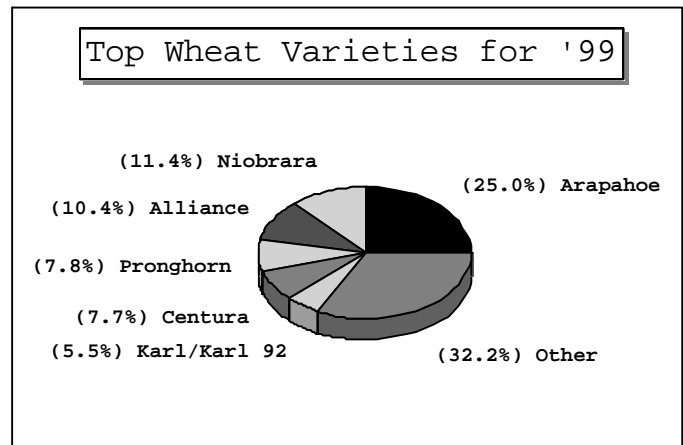
ARAPAHOE MOST POPULAR VARIETY PLANTED FOR 1999

Highlights

For the seventh year in a row, Arapahoe was the most popular winter wheat variety sown by a wide margin. For the 1999 crop, Arapahoe accounted for 25.0% of Nebraska's planted acreage. Niobrara, moving up from fifth in 1998, took second place with 11.4%. Alliance fell to third place, with 10.4%, knocking Centura out of the top three. Pronghorn accounted for 7.8% of the 1999 crop total. Centura, close behind at 7.7%, rounded out the top five.

Arapahoe was the most popular wheat variety in four districts: Northeast, Central, Southwest, and South Central. In the remaining districts, Arapahoe was the second most commonly planted variety, except in the Northwest where it was fourth. In the Northwest district, Alliance was the most popular variety, with Pronghorn a close second. In the North Central district, Niobrara was planted the most. Thunderbird was

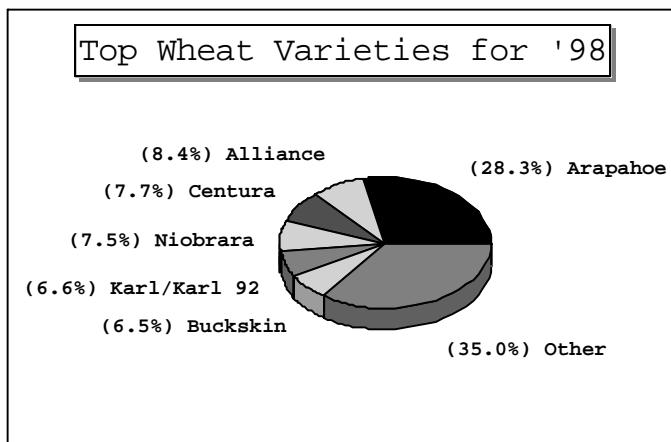
the most common variety in the East Central district. Karl/Karl 92 continued to be the leading variety in the Southeast. White winter



wheat varieties account for less than 0.1% of the state total.

Data Source

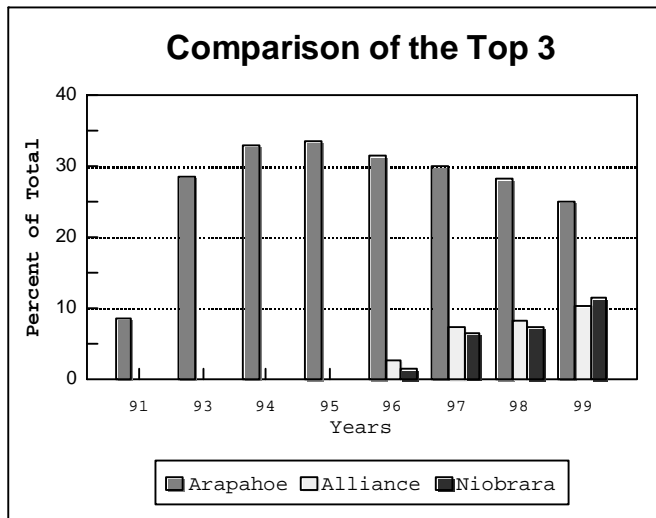
This wheat variety data was provided through cooperative response of 746 Nebraska wheat producers who responded to the 1998 Fall Acreage and Production Survey. The wheat variety survey summary included reports representing eight percent of the State's total planted acreage estimate.



Nebraska Wheat Varieties was made possible with Nebraska producer wheat check off funds provided by the Nebraska Wheat Board.

The following Variety Descriptions were provided by the Nebraska Crop Improvement Association:

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



similar to Arapahoe, has good winter hardiness, medium height, and straw strength. Niobrara also was developed by Nebraska and the USDA-ARS from a cross of a TAM 107 sister line and Brule. It has average test weight, protein, and acceptable milling and baking qualities.

While Arapahoe is making its way down in percentage, **Niobrara** has been making its way up. This medium maturing variety,

The moderately short height and early maturing variety, **Alliance**, has fair to good winter hardiness, fair test weight and protein, and good milling/baking qualities. This variety was produced from a cross of Arkan, Colt, and a 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.

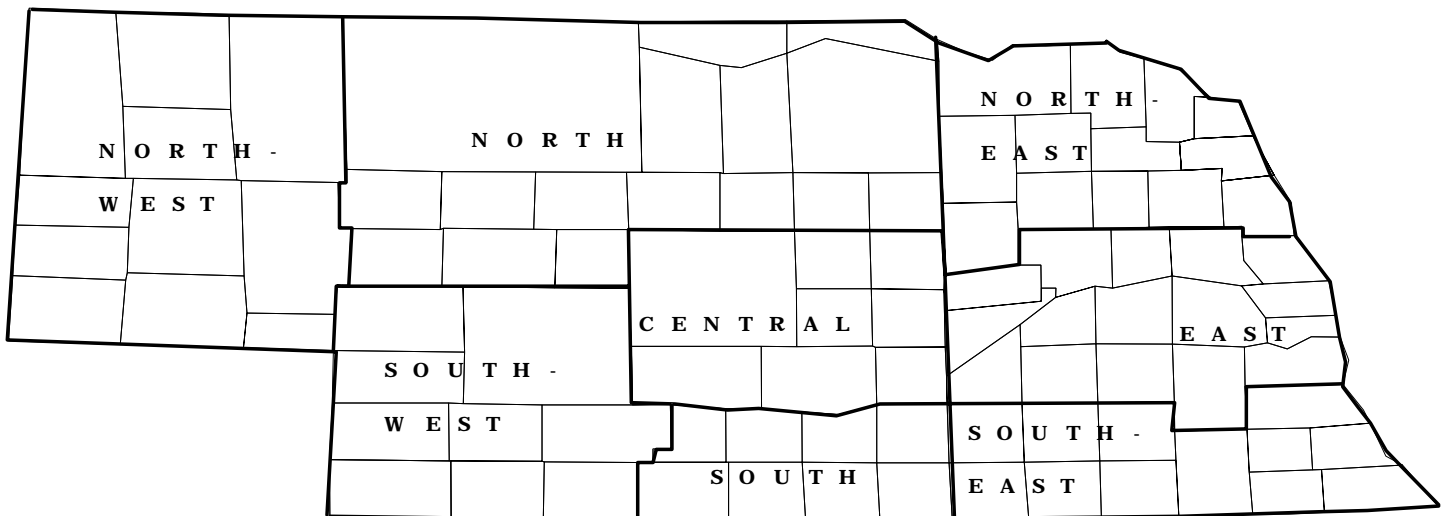
NEBRASKA--WINTER WHEAT VARIETIES, 1999									
ESTIMATED PERCENTAGE PLANTED TO EACH VARIETY BY DISTRICTS									
Variety	North-west	North-central	North-east 2/	Central	East Central	South-west	South Central	South-east	State 1/
Arapahoe	15.2	32.6		41.0	30.0	38.3	21.2	25.7	25.0
Niobrara	10.0	41.4		16.9	3.1	17.2	10.8	---	11.4
Alliance	17.3	2.0		0.9	0.7	8.3	1.5	0.4	10.4
Pronghorn	16.8	---		---	---	1.5	---	---	7.8
Centura	15.6	---		---	4.2	2.4	0.2	---	7.7
Karl/Karl 92	0.3	2.6		---	8.7	---	18.1	31.9	5.5
Buckskin	10.1	---		---	---	1.4	---	1.0	5.0
Thunderbird (AgriPro)	1.7	---		3.9	31.8	4.0	5.8	5.8	3.9
2137	0.9	---		1.3	7.7	1.4	7.3	17.5	3.6
Abilene (AgriPro)	1.3	---		1.9	0.3	3.6	8.2	1.0	2.7
Vista	0.7	---		---	2.1	4.2	2.9	1.8	2.1
Tomahawk (AgriPro)	---	---		1.5	0.9	4.7	0.9	0.7	1.6
Akron	1.7	---		---	---	2.8	---	---	1.6
Windstar	1.7	8.3		1.2	0.6	0.6	2.8	---	1.3
Ogallala (AgriPro)	---	---		5.7	---	1.1	7.1	---	1.2
Jagger	0.1	---		---	---	1.2	1.1	5.8	1.1
Siouxland	0.8	4.2		8.4	---	1.0	1.1	0.9	1.1
Scout 66	1.4	---		3.7	1.1	0.9	0.3	0.1	1.0
Other Public	2.9	9.0		11.4	7.3	3.8	6.9	4.2	4.1
Other Private	1.5	---		2.3	1.4	1.4	3.7	3.1	1.9
Total Ac Planted by ASD's(000)	875	12	3	35	40	615	220	200	2000

1/ Weighted by winter wheat planted in Agricultural Statistics Districts.
 2/ Insufficient data to establish level.

NEBRASKA--WINTER WHEAT VARIETIES								
ESTIMATED PERCENTAGE PLANTED TO EACH VARIETY, 1991, 1993-1999 1/								
Variety	1991	1993	1994	1995	1996	1997	1998	1999 2/
Arapahoe	8.5	28.6	32.9	33.6	31.6	30.1	28.3	25.0
Niobrara	---	---	---	3/	1.4	6.5	7.5	11.4
Alliance	---	---	3/	3/	2.7	7.3	8.4	10.4
Pronghorn	---	---	---	---	---	3/	4.6	7.8
Centura	10.4	8.5	11.1	8.0	9.1	9.8	7.7	7.7
Karl/Karl 92	---	2.1	3.8	6.9	7.3	6.9	6.6	5.5
Buckskin	2.2	4.7	5.5	4.0	5.8	6.0	6.5	5.0
Thunderbird (AgriPro)	12.8	12.4	10.0	7.8	5.9	5.7	3.5	3.9
2137	---	---	---	---	---	3/	1.4	3.6
Abilene (AgriPro)	6.3	6.2	3.0	4.1	2.8	2.2	2.4	2.7
Vista	---	3/	3/	4.6	3.6	4.6	3.9	2.1
Tomahawk (AgriPro)	---	1.0	3.9	3.1	2.9	2.5	2.6	1.6
Akron	---	---	---	---	---	3/	3/	1.6
Windstar	---	---	---	---	---	---	3/	1.3
Ogallala (AgriPro)	---	---	4/	4/	2.2	1.5	1.6	1.2
Jagger	---	---	---	---	3/	3/	3/	1.1
Siouxland	14.5	8.2	6.4	4.0	4.6	3.2	1.2	1.1
Scout 66	2.4	2.8	1.6	3.4	2.4	1.6	2.3	1.0
Other Public 5/	37.7	22.3	18.5	16.4	13.4	9.0	9.6	4.1
Other Private	5.2	3.2	3.3	4.1	4.3	3.1	1.9	1.9

1/Weighted by acres planted to winter wheat in each Agricultural Statistics District. Funds were not provided to publish the 1992 Wheat Varieties summary. 2/Summary of 746 Fall Crops Acreage and Production Survey reports of wheat varieties planted for 1999. 3/Included in "Other Public". 4/Included in "Other Private". 5/Other public varieties planted for 1999 include 2163, Arkan, Brule, Gage, Ike, Lamar, Lancer, Nekota, Newton, Rawhide, Redland, Tam 107, and Vona.

NEBRASKA AGRICULTURAL STATISTICS DISTRICTS



NEBRASKA--WINTER WHEAT VARIETIES								
ESTIMATED ACREAGE PLANTED TO EACH VARIETY, 1991, 1993-1999 1/								
Variety	1991	1993	1994	1995	1996	1997	1998	1999 2/
Thousand Acres								
Arapahoe	200	672	724	722	726	602	538	499
Niobrara	---	---	---	3/	32	130	142	229
Alliance	---	---	3/	3/	62	146	160	207
Pronghorn	---	---	---	---	---	3/	87	157
Centura	244	200	244	172	209	196	146	153
Karl/Karl 92	---	49	84	148	167	138	125	110
Buckskin	52	110	121	86	134	120	123	99
Thunderbird (AgriPro)	301	291	220	168	135	114	67	79
2137	---	---	---	---	---	3/	27	72
Abilene (AgriPro)	148	146	66	88	64	44	46	55
Vista	---	3/	3/	99	84	92	74	43
Tomahawk (AgriPro)	---	24	86	67	66	50	49	33
Akron	---	---	---	---	---	3/	3/	32
Windstar	---	---	---	---	---	---	3/	26
Ogallala (AgriPro)	---	---	4/	4/	49	30	30	25
Jagger	---	---	---	---	3/	3/	3/	22
Siouxland	341	193	141	86	106	64	23	21
Scout 66	56	66	35	73	56	32	44	20
Other Public 5/	886	524	406	353	312	180	183	80
Other Private	122	75	73	88	98	62	36	38
State Totals	2350	2350	2200	2150	2300	2000	1900	2000

1/Weighted by acres planted to winter wheat in each Agricultural Statistics District. Funds were not provided to publish the 1992 Wheat Varieties summary. 2/Summary of 746 Fall Crops Acreage and Production Survey reports of wheat varieties planted for 1999. 3/Included in "Other Public". 4/Included in "Other Private". 5/Other public varieties planted for 1999 include 2163, Arkan, Brule, Gage, Ike, Lamar, Lancer, Nekota, Newton, Rawhide, Redland, Tam 107, and Vona.

NOTE: 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:

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