

NEBRASKA

WHEAT VARIETIES



NEBRASKA
AGRICULTURAL
STATISTICS
SERVICE
P.O. Box 81069
Lincoln, NE 68501
Phone: (402) 437-5541

Released: January 1998

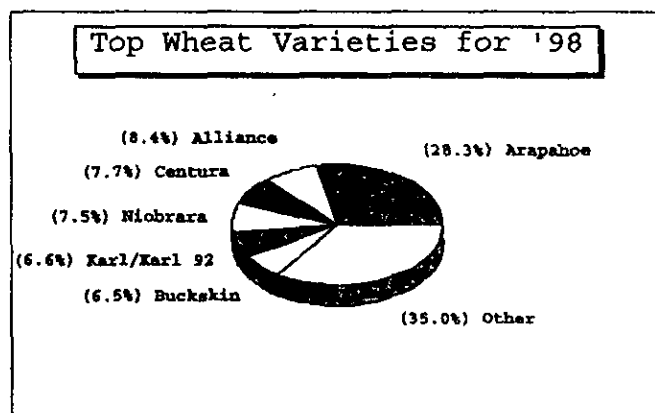
ARAPAHOE MOST POPULAR VARIETY PLANTED FOR 1998

Highlights

For the sixth year in a row, Arapahoe is the most popular winter wheat variety sown by a wide margin. For the 1998 crop, Arapahoe accounts for 28.3% of Nebraska's planted acreage. Alliance took second place with 8.4%, beating Centura which had been second the previous four years. Centura accounts for 7.7% of the 1998 total. Niobrara at 7.5% and Karl/Karl92 with 6.6% switched places from last year to round out the top five.

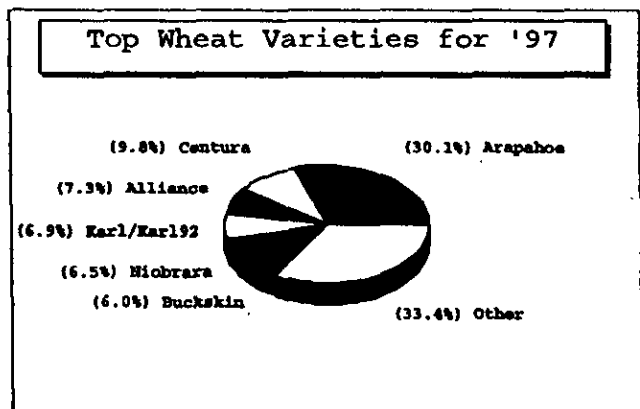
Arapahoe remains the most popular variety in all Agricultural Statistics Districts, except the Southeast. Karl/Karl 92 continues to be the leading variety in the Southeast. Centura claimed second place in Northwestern and North Central counties. Niobrara placed second in Central and Southwestern counties. Karl/Karl 92 took second

in the East Central and South Central counties this year. 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 1,072 Nebraska wheat producers who responded to the 1997 Fall Acreage and Production Survey. The wheat variety survey summary included reports representing sixteen percent of the State's total planted acreage estimate.

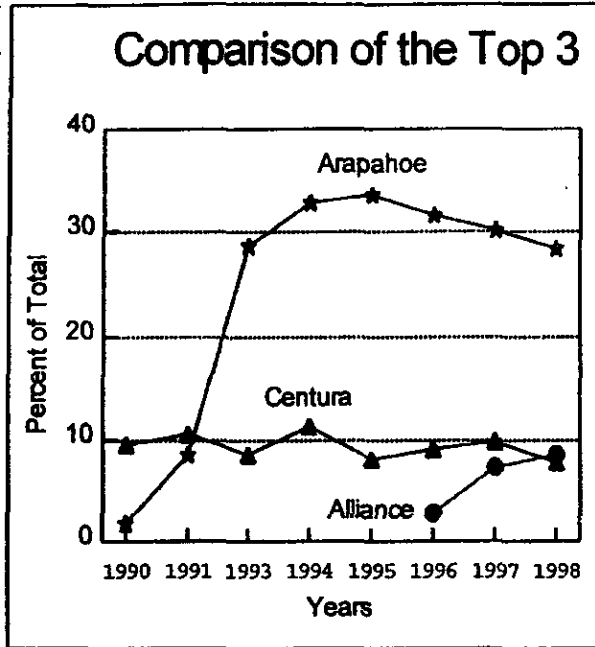


Nebraska Wheat Varieties was made possible with Nebraska Producer wheat check off funds provided by the Nebraska Wheat Board.

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

Even though the acreage of medium height **Arapahoe** declined slightly again this year, it still is the top variety sown in Nebraska. This medium maturity variety 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 winter hardiness, tillering ability and protein levels. It has good test weight and milling/baking qualities. It is resistant to stem rust and moderately resistant to leaf rust.

The moderately early maturing, moderately short height variety, **Alliance**, is best adapted to dryland sites in the Western half of Nebraska. It has fair to good winter hardiness, very good tillering, fair test weight and protein, and good



milling/baking qualities. It has shown above normal tolerance for crown/root rot and is moderately resistant to stem rust.

Centura, a tall, moderately early maturing variety, was developed by Nebraska and USDA-ARS. It has fair winter hardiness, good tillering ability and rated good in both test weight and milling/baking qualities. It is moderately resistant to stem rust but susceptible to soil borne mosaic. Centura has good fall and spring growth and is excellent for use on lighter soils. It was selected from a cross of Warrior, Agent, NE 68457 and Centurk 78.

NEBRASKA--WINTER WHEAT VARIETIES, 1998
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	23.3	46.5		48.1	33.4	36.7	24.9	23.9	28.3
Alliance	11.7	6.8		---	0.8	8.9	1.8	0.5	8.4
Centura	15.2	38.9		1.5	1.7	1.7	---	0.1	7.7
Niobrara	5.9	---		14.5	0.9	10.9	10.7	0.6	7.5
Karl/Karl 92	0.1	5.8		0.3	24.2	0.6	21.2	41.9	6.6
Buckskin	13.6	---		---	0.6	0.3	0.2	1.7	6.5
Pronghorn	9.6	---		---	0.7	0.7	---	0.1	4.6
Vista	1.8	---		---	1.0	8.2	3.8	0.4	3.9
Thunderbird (AgriPro)	1.3	---		3.0	18.5	6.1	2.1	4.6	3.5
Tomahawk (AgriPro)	0.1	---		8.2	0.5	5.3	5.5	2.4	2.6
Abilene (AgriPro)	2.0	---		2.5	0.7	2.1	5.6	1.9	2.4
Scout 66	4.7	---		0.5	1.4	0.2	---	0.2	2.3
Ogallala (AgriPro)	---	---		5.4	0.4	3.0	6.0	---	1.6
Ike	0.1	---		0.6	---	1.8	5.5	2.9	1.5
2137	0.1	---		---	0.9	0.6	2.7	9.5	1.4
Siouxland	1.2	---		5.4	2.2	1.4	0.6	1.1	1.2
Rawhide	2.4	---		---	---	0.3	---	---	1.2
Redland	0.2	---		0.6	2.8	1.6	0.8	3.1	1.0
Other Public	6.0	1.9		7.0	8.5	7.0	3.4	3.8	5.9
Other Private	0.8	---		2.3	0.9	2.6	5.2	1.4	1.9
Total Ac Planted by ASD's(000)	865	10	3	22	30	605	195	170	1900

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

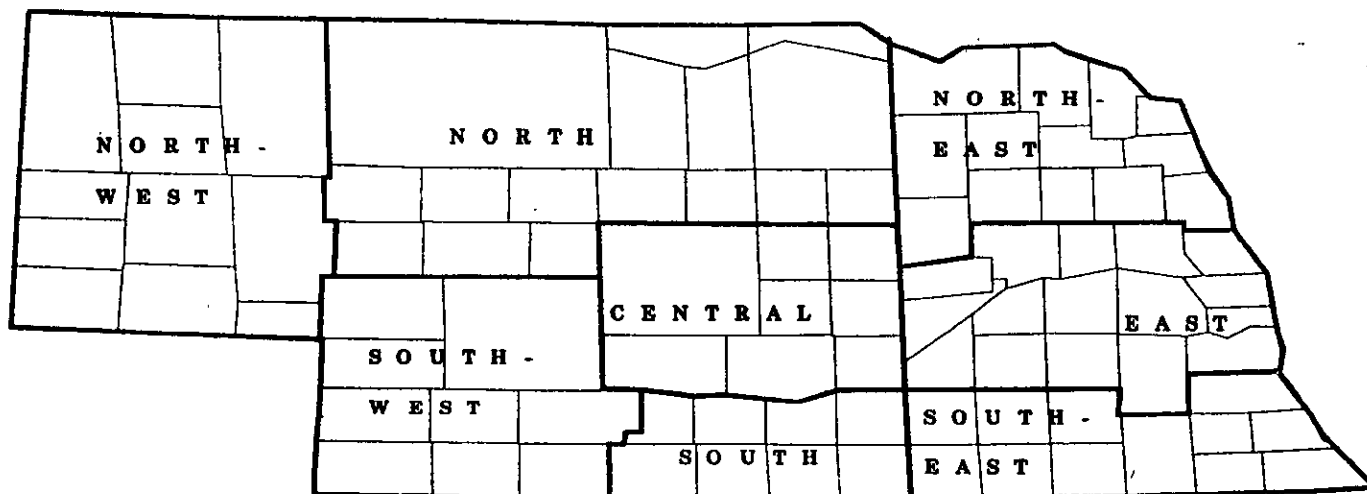
NEBRASKA--WINTER WHEAT VARIETIES

ESTIMATED PERCENTAGE PLANTED TO EACH VARIETY, 1990-1991, 1993-1998 1/

Variety	1990	1991	1993	1994	1995	1996	1997	1998 2/
Arapahoe	1.8	8.5	28.6	32.9	33.6	31.6	30.1	28.3
Alliance	---	---	---	3/	3/	2.7	7.3	8.4
Centura	9.6	10.4	8.5	11.1	8.0	9.1	9.8	7.7
Niobrara	---	---	---	---	3/	1.4	6.5	7.5
Karl/Karl 92	---	---	2.1	3.8	6.9	7.3	6.9	6.6
Buckskin	1.9	2.2	4.7	5.5	4.0	5.8	6.0	6.5
Pronghorn	---	---	---	---	---	---	3/	4.6
Vista	---	---	3/	3/	4.6	3.6	4.6	3.9
Thunderbird (AgriPro)	10.7	12.8	12.4	10.0	7.8	5.9	5.7	3.5
Tomahawk (AgriPro)	---	---	1.0	3.9	3.1	2.9	2.5	2.6
Abilene (AgriPro)	5.5	6.3	6.2	3.0	4.1	2.8	2.2	2.4
Scout 66	2.2	2.4	2.8	1.6	3.4	2.4	1.6	2.3
Ogallala (AgriPro)	---	---	---	4/	4/	2.2	1.5	1.6
Ike	---	---	---	3/	3/	1.5	1.3	1.5
2137	---	---	---	---	---	---	3/	1.4
Siouxland	18.7	14.5	8.2	6.4	4.0	4.6	3.2	1.2
Rawhide	---	---	2.1	2.0	1.0	3/	3/	1.2
Redland	15.2	14.9	7.9	6.3	4.3	3.4	1.2	1.0
Other Public 5/	28.9	22.8	12.3	10.2	11.1	8.6	6.5	5.9
Other Private	5.5	5.2	3.2	3.3	4.1	4.3	3.1	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 1,072 Fall Crops Acreage and Production Survey reports of wheat varieties planted for 1998. 3/Included in "Other Public". 4/Included in "Other Private". 5/Other public varieties planted for 1998 include 2163, Arkan, Bennett, Brule, Cheyenne, Centurk(Inc 78), Cody, Colt, Gage, Jagger, Lamar, Lancer, Lancota, Larned, Lindon, Nekota, Newton, Norkan, Ottawa, Scoutland, Tam 107, Vona and Windstar.

NEBRASKA AGRICULTURAL STATISTICS DISTRICTS



NEBRASKA--WINTER WHEAT VARIETIES
ESTIMATED ACREAGE PLANTED TO EACH VARIETY, 1990-1991, 1993-1998 1/

Variety	1990	1991	1993	1994	1995	1996	1997	1998 2/
	Thousand Acres							
Arapahoe	44	200	672	724	722	726	602	538
Alliance	---	---	---	3/	3/	62	146	160
Centura	235	244	200	244	172	209	196	146
Niobrara	---	---	---	---	3/	32	130	142
Karl/Karl 92	---	---	49	84	148	167	138	125
Buckskin	47	52	110	121	86	134	120	123
Pronghorn	---	---	---	---	---	---	3/	87
Vista	---	---	3/	3/	99	84	92	74
Thunderbird (AgriPro)	262	301	291	220	168	135	114	67
Tomahawk (AgriPro)	---	---	24	86	67	66	50	49
Abilene (AgriPro)	135	148	146	66	88	64	44	46
Scout 66	54	56	66	35	73	56	32	44
Ogallala (AgriPro)	---	---	---	4/	4/	49	30	30
Ike	---	---	---	3/	3/	35	26	29
2137	---	---	---	---	---	---	3/	27
Siouxland	458	341	193	141	86	106	64	23
Rawhide	---	---	49	44	22	3/	3/	23
Redland	372	350	186	138	92	79	24	19
Other Public 5/	708	536	289	224	239	198	130	112
Other Private	135	122	75	73	88	98	62	36
State	2450	2350	2350	2200	2150	2300	2000	1900

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 1,072 Fall Crops Acreage and Production Survey reports of wheat varieties planted for 1998. 3/Included in "Other Public". 4/Included in "Other Private". 5/Other public varieties planted for 1998 include 2163, Arkan, Bennett, Brule, Cheyenne, Centurk(Inc 78), Cody, Colt, Gage, Jagger, Lamar, Lancer, Lancota, Larned, Lindon, Nekota, Newton, Norkan, Ottawa, Scoutland, Tam 107, Vona and Windstar.

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:

Nebraska Crop Improvement Association
P.O. Box 830911
Lincoln, Ne 68583-0911
Phone: (402)472-1444