

NEBRASKA

WHEAT VARIETIES



NEBRASKA
AGRICULTURAL
STATISTICS
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Released: January 1997

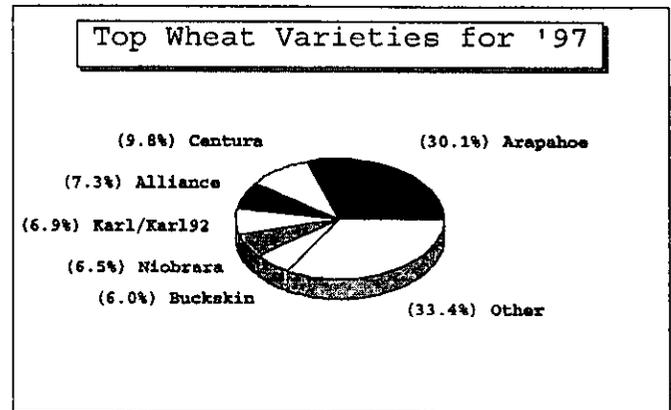
ARAPAHOE MOST POPULAR VARIETY PLANTED FOR 1997

Highlights

For the fifth year in a row, Arapahoe was the most popular winter wheat variety sown by a wide margin. For the 1997 crop, Arapahoe accounted for 30.1% of Nebraska's acreage. Centura remained in second place, for the fourth year, with 9.8% and Alliance jumped to third place with 7.3%. Karl/Karl 92 combination held onto fourth with 6.9%. Niobrara at 6.5%, moved up to round out the top five.

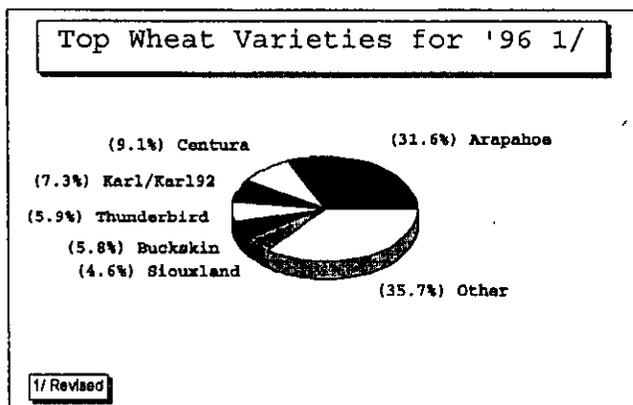
Arapahoe remained the most popular variety in all Agricultural Statistics Districts, except the Southeast. Karl/Karl 92 combination continued to be the leading variety in the Southeast.

counties. Karl/Karl 92 and Arapahoe held the top two spots of the Southeast and South Central.



Data Source

This wheat variety data was provided through cooperative response of 1,058 Nebraska wheat producers who responded to the 1996 Fall Acreage and Production Survey. The wheat variety survey summary included reports representing thirteen percent of the State's total planted acreage estimate.



Niobrara claimed second place in North Central and Central counties. While Thunderbird placed second in the Southwest and East Central

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

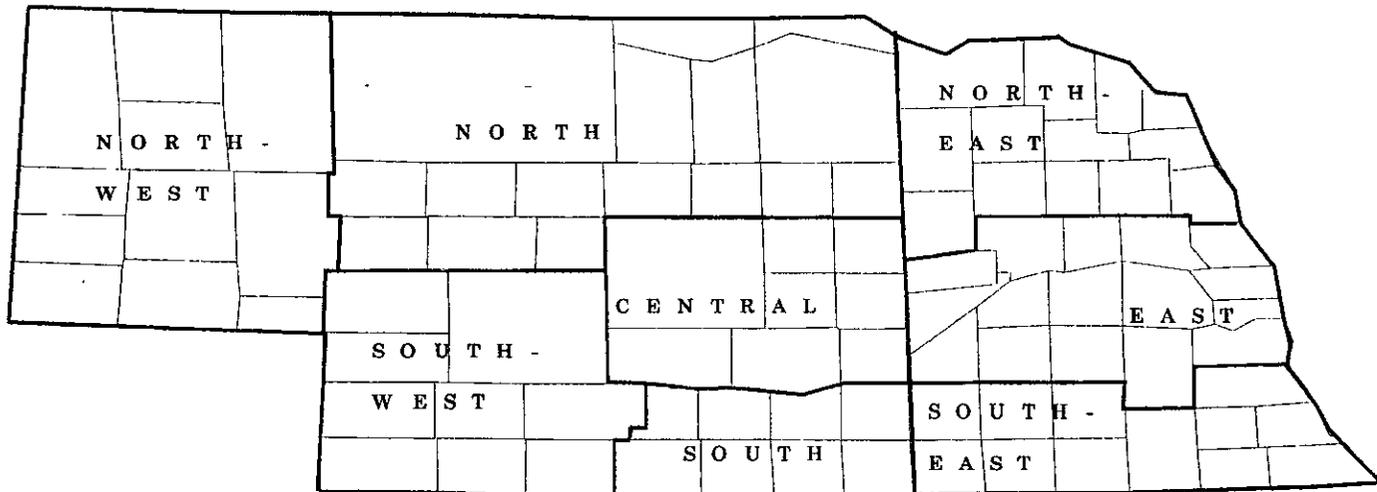
NEBRASKA--WINTER WHEAT VARIETIES

ESTIMATED PERCENTAGE PLANTED TO EACH VARIETY, 1989-1991, 1993-1997 1/

Variety	1989	1990	1991	1993	1994	1995	1996 2/	1997 3/
Arapahoe	4/	1.8	8.5	28.6	32.9	33.6	31.6	30.1
Centura	12.4	9.6	10.4	8.5	11.1	8.0	9.1	9.8
Alliance	---	---	---	---	4/	4/	2.7	7.3
Karl/Karl 92	---	---	---	2.1	3.8	6.9	7.3	6.9
Niobrara	---	---	---	---	---	4/	1.4	6.5
Buckskin	2.2	1.9	2.2	4.7	5.5	4.0	5.8	6.0
Agripro Thunderbird	7.2	10.7	12.8	12.4	10.0	7.8	5.9	5.7
Vista	---	---	---	4/	4/	4.6	3.6	4.6
Siouxland	20.5	18.7	14.5	8.2	6.4	4.0	4.6	3.2
Agripro Tomahawk	---	---	---	1.0	3.9	3.1	2.9	2.5
Agripro Abilene	1.0	5.5	6.3	6.2	3.0	4.1	2.8	2.2
Scout 66	2.6	2.2	2.4	2.8	1.6	3.4	2.4	1.6
Agripro Ogallala	---	---	---	---	5/	5/	2.2	1.5
Ike	---	---	---	---	4/	4/	1.5	1.3
Redland	10.0	15.2	14.9	7.9	6.3	4.3	3.4	1.2
TAM (All Numbers)*	3.8	6.0	8.0	3.4	2.8	2.5	2.1	1.1
Other Public 6/	29.7	22.9	14.8	11.0	9.4	9.6	6.5	5.4
Other Private	10.6	5.5	5.2	3.2	3.3	4.1	4.3	3.1

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/Revised. 3/Summary of 1,058 Fall Crops Acreage and Production Survey reports of wheat varieties planted for 1997. 4/ Included in "Other Public". 5/Included in "Other Private". 6/ Other public varieties planted for 1997 include Arkan, Brule, Cheyenne, Centurk(Inc 78), Cody, 2163, Lamar, Lancer, Larned, Nekota, Newton, Pronghorn, Rawhide and Vona. *Includes only TAM 105 & TAM 107 for 1989.

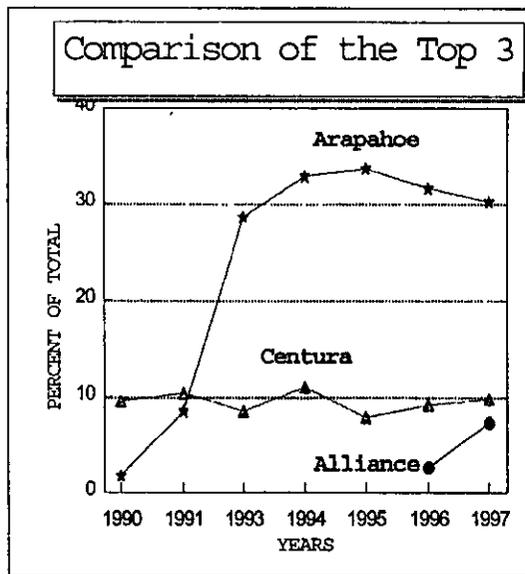
NEBRASKA AGRICULTURAL STATISTICS DISTRICTS



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 was 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.

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.

The moderately early maturing, moderately short height variety Alliance, is best adapted to dryland sites in the Western third 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.

NEBRASKA--WINTER WHEAT VARIETIES, 1997
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	24.8	45.9		55.9	37.7	37.2	28.9	23.4	30.1
Centura	19.2	---		3.1	0.5	4.7	0.8	0.3	9.8
Alliance	13.2	13.2		4.3	---	4.9	0.4	0.1	7.3
Karl/Karl 92	---	---		1.4	14.4	1.4	13.1	46.6	6.9
Niobrara	6.1	31.9		14.1	1.8	7.7	7.4	2.1	6.5
Buckskin	14.0	---		---	---	0.2	---	0.1	6.0
Agripro Thunderbird	1.5	---		3.1	25.1	9.1	8.0	6.8	5.7
Vista	2.2	9.0		1.4	0.5	8.6	6.3	0.9	4.6
Siouxland	4.9	---		2.7	4.3	2.3	1.0	1.4	3.2
Agripro Tomahawk	0.2	---		5.4	1.7	5.2	3.3	2.4	2.5
Agripro Abilene	1.4	---		2.2	1.7	2.2	6.2	1.5	2.2
Scout 66	2.9	---		1.6	0.4	0.6	0.5	0.3	1.6
Agripro Ogallala	0.3	---		1.0	---	2.8	4.1	---	1.5
Ike	0.4	---		---	---	1.8	2.3	2.8	1.3
Redland	0.2	---		---	8.8	1.7	1.2	2.8	1.2
TAM (All #)	0.7	---		---	---	1.6	3.1	0.0	1.1
Other Public	5.9	---		2.5	2.7	5.4	4.3	4.9	5.4
Other Private	2.1	---		1.3	0.4	2.6	9.1	3.6	3.1
Total Ac Planted by ASD's(000)	860	7	3	35	45	640	210	200	2000

1/ Weighted by winter wheat planted in Agricultural Statistics Districts.

2/ Insufficient data to establish level.

NEBRASKA--WINTER WHEAT VARIETIES
ESTIMATED ACREAGE PLANTED TO EACH VARIETY, 1989-1991, 1993-1997 1/

Variety	1989	1990 2/	1991 2/	1993	1994 2/	1995	1996 2/	1997 3/
Thousand Acres								
Arapahoe	4/	44	200	673	722	722	725	602
Centura	317	235	244	199	244	172	210	196
Alliance	---	---	---	---	4/	4/	62	146
Karl/Karl 92	---	---	---	49	84	148	167	138
Niobrara	---	---	---	---	---	4/	32	130
Buckskin	57	47	52	110	121	87	134	120
Agripro Thunderbird	183	262	301	291	220	168	135	114
Vista	---	---	---	4/	4/	100	84	92
Siouxland	523	458	341	193	141	86	106	64
Agripro Tomahawk	---	---	---	24	86	66	66	50
Agripro Abilene	26	135	148	146	66	88	64	44
Scout 66	65	54	56	66	35	73	56	32
Agripro Ogallala	---	---	---	---	5/	5/	49	30
Ike	---	---	---	---	4/	4/	35	26
Redland	255	372	350	186	139	92	79	24
TAM (All Numbers)*	96	147	188	79	62	54	49	22
Other Public 6/	758	561	348	259	207	206	149	108
Other Private	270	135	122	75	73	88	98	62
State	2550	2450	2350	2350	2200	2150	2300	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/Revised. 3/Summary of 1,058 Fall Crops Acreage and Production Survey reports of wheat varieties planted for 1997. 4/ Included in "Other Public". 5/Included in "Other Private". 6/ Other public varieties planted for 1997 include Arkan, Brule, Cheyenne, Centurk(Inc 78), Cody, 2163, Lamar, Lancer, Larned, Nekota, Newton, Pronghorn, Rawhide and Vona. *Includes only TAM 105 & TAM 107 for 1989.

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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