



# Nebraska Wheat Varieties

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## Jagalene Most Popular Variety Planted for 2006

### Highlights

For the second consecutive year, Jagalene was the most popular winter wheat variety planted in Nebraska, according to USDA's National Agricultural Statistics Service, Nebraska Field Office. Jagalene first appeared in the state in 2003 and has gained a growing share of the state's seedings each of the last three years. Pronghorn remained the second most popular variety planted, with Alliance regaining ground from Millennium to move up to third.

For the 2006 crop, Jagalene accounted for 23.8 percent of the acreage while Pronghorn and Alliance were each planted on 10.1 percent of the acreage. Millennium dropped to fourth place at 9.5 percent. Wesley remained fifth with 5.8 percent.

### District Highlights

Jagalene was the most popular wheat variety in all crop districts except the Northwest and Central. Pronghorn came in first in the Northwest, helping it remain the second most popular variety planted in the state. Alliance's strong presence in the Northwest and Southwest, helped it move up to third. Millennium was the second most popular variety in the South and Southwest districts, resulting in a fourth place finish. Wesley was the most popular in the Central District for the second consecutive year, helping it remain fifth overall.

### Hard White Winter Wheat:

#### Percent of Planted Acreage, Nebraska, 2002-2006

Variety	2002	2003	2004	2005	2006
<i>Percent</i>					
All White Varieties	0.2	2.0	1.7	1.9	1.0

Of the total hard white winter wheat acreage reported for 2006, the two most common varieties planted were Platte and Trego.

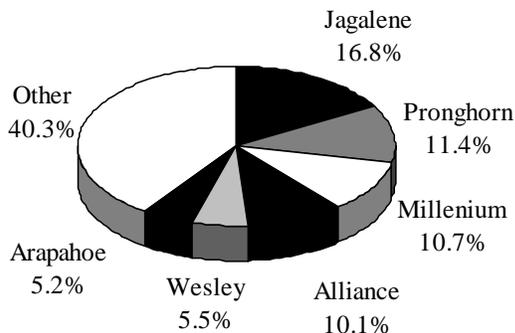
### Funding

Supporting funds for this report, "Nebraska Wheat Varieties", were provided by the Nebraska Wheat Board from wheat producer check off funds.

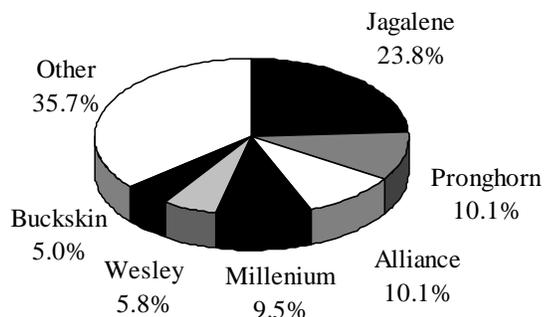
### Data Source

This wheat variety data was provided by the voluntary reports of nearly twelve hundred Nebraska wheat producers who responded to the 2005 Fall Agricultural Report. This summary includes reports representing seventeen percent of the state's total planted acreage estimate.

### Top Wheat Varieties for 2005



### Top Wheat Varieties for 2006

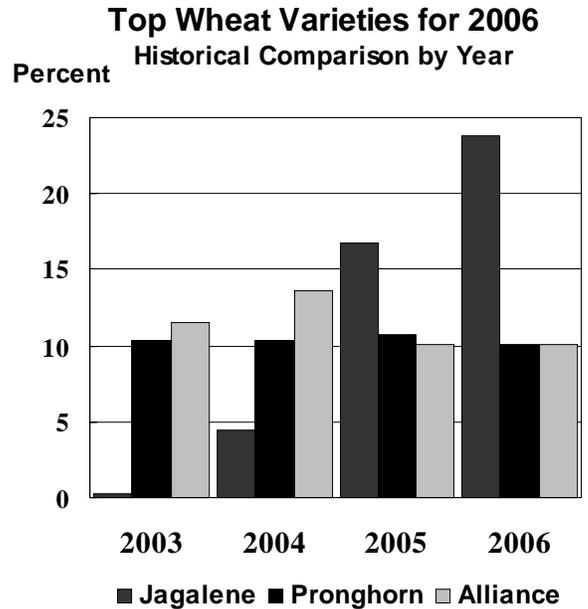


## Variety Descriptions

**Jagalene** is a medium maturing variety with excellent straw strength. This variety has very good winter hardiness and excellent milling and baking qualities. It is resistant to stem rust, leaf rust and soilborne wheat mosaic virus. It is moderately resistant to wheat streak mosaic virus but susceptible to Hessian fly. Jagalene is widely adapted and demonstrates good drought tolerance. Jagalene was selected from the cross Abilene/Jagger.

**Pronghorn**, a tall variety of moderately early maturity, has 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.

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



## Winter Wheat: Percent Planted to Each Variety Nebraska, 1998-2006

Variety	1998	1999	2000	2001	2002	2003	2004	2005	2006
<i>Percent</i>									
Jagalene (AgriPro)						<sup>2</sup>	4.5	16.8	23.8
Pronghorn	4.6	7.8	6.9	10.9	10.8	10.3	10.4	11.4	10.1
Alliance	8.4	10.4	15.1	16.0	16.6	11.5	13.6	10.1	10.1
Millennium				<sup>1</sup>	3.5	6.1	11.1	10.7	9.5
Wesley			<sup>1</sup>	1.1	2.2	3.6	5.9	5.5	5.8
Buckskin	6.5	5.0	2.9	4.7	6.2	7.3	4.9	3.7	5.0
Goodstreak							<sup>1</sup>	1.7	3.7
2137	1.4	3.6	8.2	10.4	8.0	10.3	7.8	4.3	3.5
Arapahoe	28.3	25.0	19.8	13.4	13.0	8.7	6.8	5.2	2.9
Karl/Karl 92	6.6	5.5	4.4	4.1	3.3	3.8	3.3	2.7	2.7
Jagger	<sup>1</sup>	1.1	2.9	2.4	3.4	3.9	2.8	3.1	2.5
Centura	7.7	7.7	6.9	3.7	3.4	1.8	2.1	2.4	1.9
Thunderbolt (AgriPro)					<sup>2</sup>	2.0	3.0	1.9	1.9
Wahoo					<sup>1</sup>	1.8	1.7	1.8	1.8
Ogallala (AgriPro)	1.6	1.2	1.4	2.2	1.5	3.6	2.4	2.0	1.4
Above						<sup>1</sup>	1.0	<sup>1</sup>	1.3
TAM 111								<sup>1</sup>	1.2
2145							<sup>1</sup>	<sup>1</sup>	1.0
Other Public	25.5	22.6	23.0	23.3	21.1	18.7	12.6	11.2	6.1
Other Private	9.4	10.1	8.5	7.8	7.0	6.6	6.1	5.5	3.8
<i>Thousand Acres</i>									
Total Planted	1,900	1,900	1,750	1,750	1,650	1,900	1,850	1,850	1,750

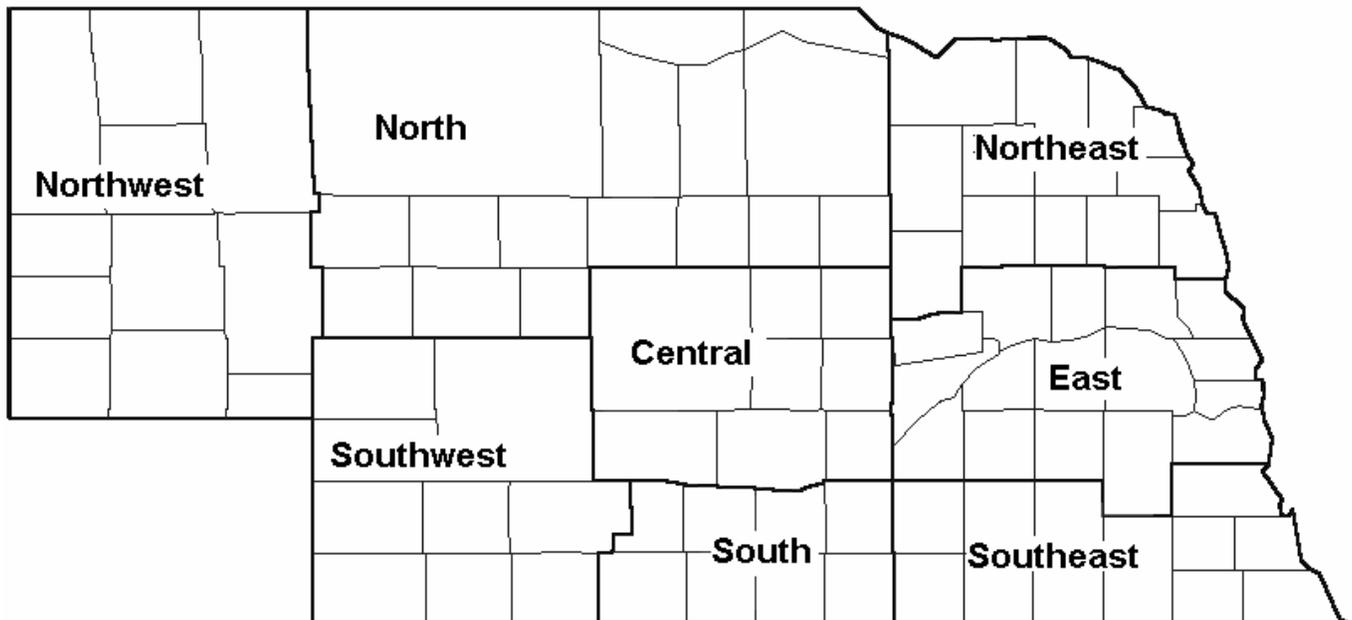
<sup>1</sup> Less than one percent, included in Other Public. <sup>2</sup> Less than one percent, included in Other Private.

## Winter Wheat: Percent Planted to Each Variety by District, Nebraska, 2006

Variety	Northwest	North	Northeast <sup>1</sup>	Central	East	Southwest	South	Southeast	State
<i>Percent</i>									
Jagalene (AgriPro)	7.9	35.4		23.6	27.0	37.5	41.7	23.9	23.8
Pronghorn	22.7					3.6	0.2		10.1
Alliance	17.6	13.3				9.9			10.1
Millenium	7.0	3.6		12.5	2.6	15.3	10.9	3.9	9.5
Wesley	1.7	29.2		27.6	14.0	3.1	6.3	14.8	5.8
Buckskin	12.6								5.0
Goodstreak	9.3								3.7
2137	1.0			0.2	7.5	2.2	4.4	15.0	3.5
Arapahoe	2.5	5.7		15.0	9.1	2.6	2.1	1.5	2.9
Karl/Karl 92				2.0	3.2		3.2	18.2	2.7
Jagger	2.1			2.6	0.9	2.5	5.1	2.0	2.5
Centura	3.6				0.8	1.6			1.9
Thunderbolt (AgriPro)	0.1			4.5	0.4	4.1	3.9	0.2	1.9
Wahoo				1.2	20.5	1.7	0.7	4.4	1.8
Ogallala (AgriPro)	0.6	2.3		1.2	0.3	0.4	7.5	0.5	1.4
Above	2.3					1.1			1.3
TAM 111				1.3		3.3	1.6		1.2
2145					0.1	0.2	1.6	6.2	1.0
Other Public	5.7			5.7	3.6	7.9	6.2	5.1	6.1
Other Private	3.3	10.5		2.6	10.0	3.0	4.6	4.3	3.8
<i>Thousand Acres</i>									
Total Planted <sup>2</sup>	695	19	8	50	48	520	200	210	1,750

<sup>1</sup>Insufficient data to establish level. <sup>2</sup>Preliminary.

### Nebraska Agricultural Statistics Districts



**Winter Wheat: Acres Planted to Each Variety  
Nebraska, 1998-2006**

Variety	1998	1999	2000	2001	2002	2003	2004	2005	2006
	<i>Thousand Acres</i>								
Jagalene (AgriPro)						2	84	310	417
Pronghorn	87	149	121	191	178	196	192	210	177
Alliance	160	197	264	280	275	218	252	187	176
Millennium				1	57	116	205	197	167
Wesley			1	19	36	68	109	102	101
Buckskin	123	94	51	82	103	139	91	68	88
Goodstreak							1	31	65
2137	27	68	143	182	132	196	144	80	62
Arapahoe	538	474	346	234	215	165	127	97	51
Karl/Karl 92	125	105	77	72	54	72	60	49	47
Jagger		21	51	42	55	74	53	58	44
Centura	146	145	121	65	55	34	39	45	34
Thunderbolt (AgriPro)					2	38	55	35	33
Wahoo					1	34	32	34	31
Ogallala (AgriPro)	30	23	25	38	25	68	45	37	24
Above						1	18	1	22
TAM 111								1	21
2145							1	1	17
Other Public	466	421	415	411	351	370	246	222	107
Other Private	198	203	136	134	114	112	98	88	66
<b>Total Planted</b>	<b>1,900</b>	<b>1,900</b>	<b>1,750</b>	<b>1,750</b>	<b>1,650</b>	<b>1,900</b>	<b>1,850</b>	<b>1,850</b>	<b>1,750</b>

<sup>1</sup> Less than one percent, included in Other Public. <sup>2</sup> Less than one percent, included in Other Private.

**Note:** Historical variety reports for earlier years can be found on the web at:

[http://www.nass.usda.gov/Statistics/by\\_State/Nebraska/Publications/Crop\\_Variety\\_Reports/index.asp](http://www.nass.usda.gov/Statistics/by_State/Nebraska/Publications/Crop_Variety_Reports/index.asp)

*We express our appreciation to the Nebraska Crop Improvement Association for variety descriptions. For additional information on specific varieties, please contact the Nebraska Crop Improvement Association at (402) 472-1444.*

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