



# Nebraska Wheat Varieties

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## Jagalene Most Popular Winter Wheat Variety Planted for 2008

### Highlights

For the fourth consecutive year, Jagalene was the most popular winter wheat variety planted in Nebraska, according to USDA's National Agricultural Statistics Service, Nebraska Field Office. Although Jagalene's numbers are down sharply from 2007, it continued to be the variety with the largest number of acres. Jagalene first appeared in the state in 2003 and has held a prominent share of the state's seedings each of the last four years. Pronghorn remained the second most popular variety planted with Millenium beating out Wesley and Alliance for third place.

For the 2008 crop, Jagalene accounted for 20.9 percent of the acreage. Pronghorn was planted on 10.6 percent of the acreage and Millenium accounted for 9.4 percent of the acreage total.

### District Highlights

Jagalene was the most popular wheat variety in the Central, South, Southwest and Southeast Districts. Pronghorn had the highest acreage in the Northwest District and third highest in the Southwest. Millenium held strong with a second place presence in the North, Central, South and Southwest Districts. Wesley was the most popular variety in the North, Northeast, and East Districts.

### Hard White Winter Wheat:

#### Percent of Planted Acreage, Nebraska, 2004-2008

Variety	2004	2005	2006	2007	2008
<i>Percent</i>					
All White Varieties	1.7	1.9	1.0	1.5	1.9

Of the total hard white winter wheat acreage for 2008, the two most common varieties planted were NuGrain and NuDakota.

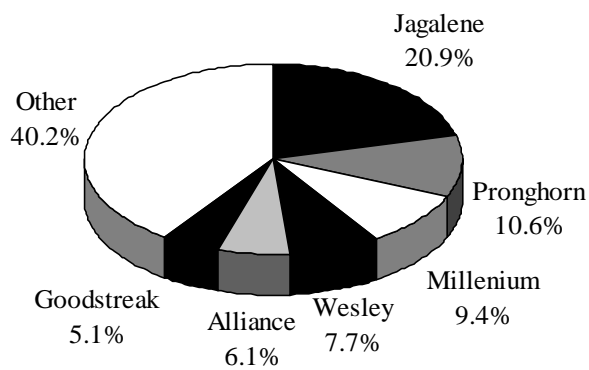
### Funding

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

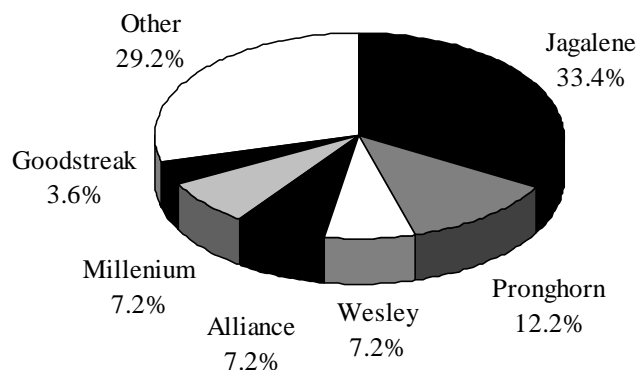
### Data Source

This wheat variety data was provided by the 1,800 voluntary reports from Nebraska wheat producers who responded to the 2007 Fall Agricultural Report. This summary includes reports representing eleven (11) percent of the state's total planted acreage estimate.

### Top Wheat Varieties for 2008



### Top Wheat Varieties for 2007



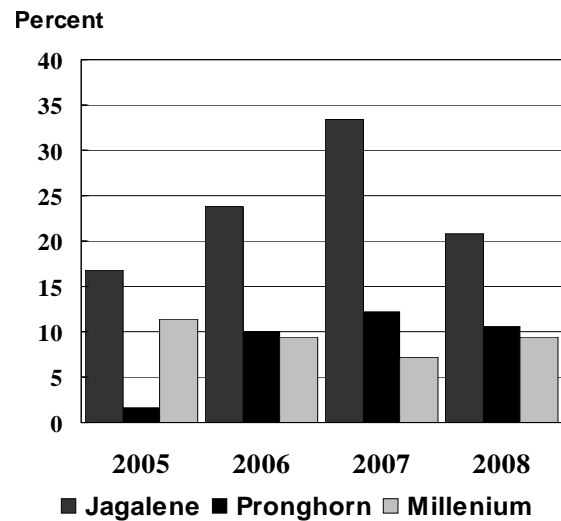
## Variety Descriptions

**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 soil borne 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.

**Millennium** is a medium maturing, medium height variety and is well adapted throughout most of the Nebraska dryland wheat production areas and adjacent states. It has a good test weight, high grain yield, fair to good winter hardiness, shorter length coleoptile, very good tillering ability, and moderately strong straw. It is resistant to Hessian fly; moderately resistant to stem leaf and stripe rust; susceptible to soil borne mosaic and barley yellow dwarf viruses. It has average protein and good end-use quality characteristics for milling and baking. Millennium was developed by Nebraska and the USDA-ARS from the cross Arapahoe/Abilene//NE86488.

**Top Wheat Varieties for 2008**  
Historical Comparison by Year



**Winter Wheat: Percent Planted to Each Variety**  
Nebraska, 2000-2008

Variety	2000	2001	2002	2003	2004	2005	2006	2007	2008
	<i>Percent</i>								
Jagalene (AgriPro)				<sup>2</sup>	4.5	16.8	23.8	33.4	20.9
Pronghorn	6.9	10.9	10.8	10.3	10.4	11.4	10.1	12.2	10.6
Millennium		<sup>1</sup>	3.5	6.1	11.1	10.7	9.5	7.2	9.4
Wesley	<sup>1</sup>	1.1	2.2	3.6	5.9	5.5	5.8	7.2	7.7
Alliance	15.1	16.0	16.6	11.5	13.6	10.1	10.1	7.2	6.1
Goodstreak					<sup>1</sup>	1.7	3.7	3.6	5.1
Arapahoe	19.8	13.4	13.0	8.7	6.8	5.2	2.9	2.0	3.4
Buckskin	2.9	4.7	6.2	7.3	4.9	3.7	5.0	3.5	3.4
TAM 111						<sup>1</sup>	1.2	1.6	3.2
Karl (all)	4.4	4.1	3.3	3.8	3.3	2.7	2.7	1.6	2.9
Thunderbolt (AgriPro)			<sup>2</sup>	2.0	3.0	1.9	1.9	2.0	2.4
Infinity CL								<sup>1</sup>	2.3
2145					<sup>1</sup>	<sup>1</sup>	1.0	1.2	2.2
2137	8.2	10.4	8.0	10.3	7.8	4.3	3.5	1.4	2.1
Jagger	2.9	2.4	3.4	3.9	2.8	3.1	2.5	1.7	1.5
Wahoo			<sup>1</sup>	1.8	1.7	1.8	1.8	1.1	1.5
Dumas (AgriPro)					<sup>2</sup>	<sup>2</sup>	<sup>2</sup>	1.4	1.2
Overly							<sup>1</sup>	1.0	1.1
Postrock (AgriPro)								<sup>2</sup>	1.1
Ogallala (AgriPro)	1.4	2.2	1.5	3.6	2.4	2.0	1.4	1.0	1.1
Centura	6.9	3.7	3.4	1.8	2.1	2.4	1.9	1.3	1.0
Other Public	23.0	23.3	21.1	18.7	13.6	11.2	7.4	4.6	5.7
Other Private	8.5	7.8	7.0	6.6	6.1	5.5	3.8	3.8	4.1
	<i>Thousand Acres</i>								
Total Planted	1750	1,750	1,650	1,900	1,850	1,850	1,800	2,050	1,950

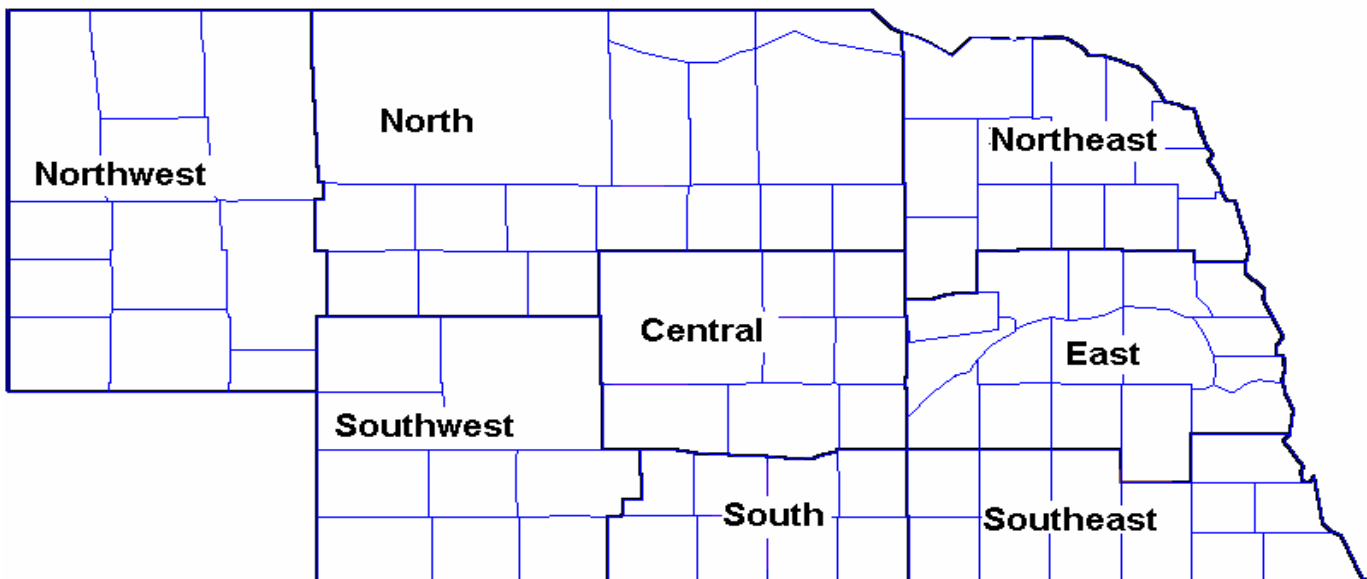
<sup>1</sup> Less than one percent, included in Other Public. <sup>2</sup> Less than one percent, included in Other Private.

**Winter Wheat: Percent Planted to Each Variety  
by District, Nebraska, 2008**

Variety	Northwest	North	Northeast	Central	East	Southwest	South	Southeast	State
	<i>Percent</i>								
Jagalene (AgriPro)	7.5	15.0	16.1	28.0	17.6	34.8	27.0	24.5	20.9
Pronghorn	22.2			0.9		8.2			10.6
Millennium	9.1	15.2	11.1	22.3	10.7	8.3	13.1	4.3	9.4
Wesley	2.7	42.9	60.1	22.6	25.7	2.9	5.9	12.5	7.7
Alliance	12.0	5.2		3.3	0.1	4.9		0.3	6.1
Goodstreak	12.6				2.3	1.2	0.3	0.3	5.1
Arapahoe	2.5	13.0	2.3	9.6	3.2	3.7	4.5	1.5	3.4
Buckskin	9.1					0.2			3.4
TAM 111	0.2			0.6	0.6	6.3	11.2		3.2
Karl (all)	0.3				4.2		5.2	16.8	2.9
Thunderbolt (AgriPro)	0.1			7.5	0.7	5.2	4.0	0.7	2.4
Infinity CL	3.6			0.5		3.1		0.6	2.3
2145	0.7				0.3	0.2	3.3	12.4	2.2
2137	0.1	2.4			3.6	0.6	2.1	11.6	2.1
Jagger	1.2		4.7		0.6	2.6	2.1	0.3	1.5
Wahoo			3.0	0.6	10.9	2.7	0.8	1.5	1.5
Dumas (AgriPro)	0.8	6.3	2.0	1.8	3.6	0.5	3.3	0.5	1.2
Overly	0.2				2.4	0.3	1.7	5.8	1.1
Postrock (AgriPro)					2.3	0.7	5.3	1.2	1.1
Ogallala (AgriPro)	0.4			2.0		1.2	4.2		1.1
Centura	2.3					0.7			1.0
Other Public	8.7		0.7	0.3	5.7	6.2	1.5	2.9	5.7
Other Private	3.7				5.5	5.5	4.5	2.3	4.1
	<i>Thousand Acres</i>								
Total Planted <sup>1</sup>	720	45	31	63	76	545	235	235	1,950

<sup>1</sup>Preliminary.

**Nebraska Agricultural Statistics Districts**



**Winter Wheat: Acres Planted to Each Variety  
Nebraska, 2000-2008**

Variety	2000	2001	2002	2003	2004	2005	2006	2007	2008
<i>Thousand Acres</i>									
Jagalene (AgriPro)				<sup>2</sup>	84	310	429	685	408
Pronghorn	121	191	178	196	192	210	182	250	206
Millennium		<sup>1</sup>	57	116	205	197	172	148	184
Wesley	<sup>1</sup>	19	36	68	109	102	104	148	150
Alliance	264	280	275	218	252	187	182	148	118
Goodstreak					<sup>1</sup>	31	67	74	100
Arapahoe	346	234	215	165	127	97	52	41	67
Buckskin	51	82	103	139	91	68	91	72	66
TAM 111						<sup>1</sup>	22	33	63
Karl (all)	77	72	54	72	60	49	49	33	57
Thunderbolt (AgriPro)			<sup>2</sup>	38	55	35	34	41	46
Infinity CL								<sup>1</sup>	45
2145					<sup>1</sup>	<sup>1</sup>	18	24	43
2137	143	182	132	196	144	80	64	29	40
Jagger	51	42	55	74	53	58	45	35	30
Wahoo			<sup>1</sup>	34	32	34	32	22	30
Dumas (AgriPro)							<sup>2</sup>	29	24
Overly							<sup>1</sup>	20	22
Postrock (AgriPro)								<sup>2</sup>	21
Ogallala (AgriPro)	25	38	25	68	45	37	25	20	21
Centura	121	65	55	34	39	45	35	27	20
Other Public	415	411	351	370	264	222	129	94	111
Other Private	136	134	114	112	98	88	68	77	78
<b>Total Planted</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>1,800</b>	<b>2,050</b>	<b>1,950</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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