



Nebraska Wheat Varieties

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Jagalene Most Popular Winter Wheat Variety Planted for 2009

Highlights

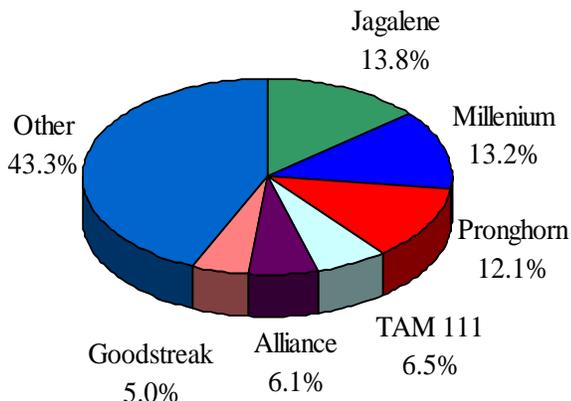
For the fifth consecutive year, Jagalene was the most popular winter wheat variety planted in Nebraska, according to USDA's National Agricultural Statistics Service, Nebraska Field Office. Although Jagalene's numbers are down sharply from 2008, it continued to be the variety with the largest number of acres. Jagalene first appeared in the state in 2003 and has held a prominent share of the state's seedings each of the last five years. Millenium was very close behind and is the second most popular variety planted with Pronghorn beating out TAM 111 and Alliance for third place.

For the 2009 crop, Jagalene accounted for 13.8 percent of the acreage. Millenium was planted on 13.2 percent of the acreage and Pronghorn accounted for 12.1 percent of the acreage total.

District Highlights

Jagalene was the most popular wheat variety in the South and Southwest Districts. Millenium had the highest acreage in the Central District and a second place presence in the Northwest. Pronghorn had the highest acreage in the Northwest District. Wesley was the most popular variety in the North and Northeast Districts. Overland had the most acres in the East District while Karl was the number one choice in the Southeast District.

Top Wheat Varieties for 2009



Hard White Winter Wheat:

Percent of Planted Acreage, Nebraska, 2005-2009

Variety	2005	2006	2007	2008	2009
<i>Percent</i>					
All White Varieties	1.9	1.0	1.5	1.9	1.6

Of the total hard white winter wheat acreage for 2009, the two most common varieties planted were Antelope and Arrowsmith.

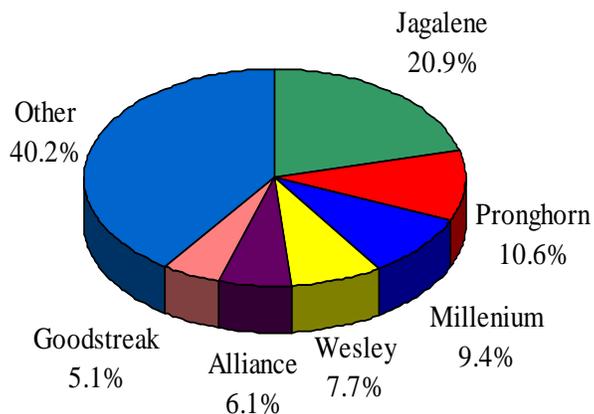
Funding

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 nearly 2,100 voluntary reports from Nebraska wheat producers who responded to the 2008 Fall Agricultural Report. This summary includes reports representing sixteen (16) percent of the state's total planted acreage estimate.

Top Wheat Varieties for 2008



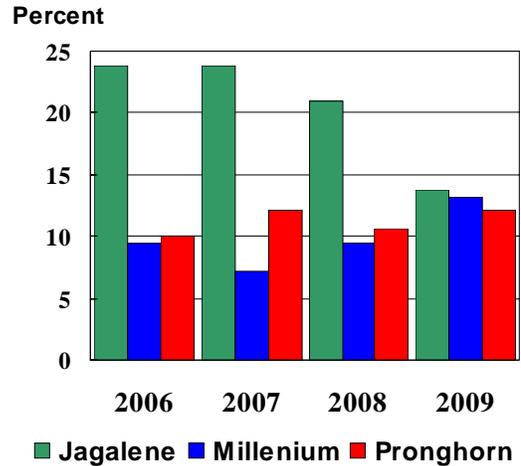
Variety Descriptions

Jagalene is a medium maturing variety with excellent straw strength. It is resistant to stem rust, leaf rust and soil borne wheat mosaic virus. It is moderately resistant to wheat streak mosaic virus and is susceptible to Hessian fly. Jagalene is widely adapted and demonstrates good disease resistance and drought tolerance. Jagalene was selected from the cross Abilene/Jagger.

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 been competitive in yield to Niobrara and Culver. It was tested under the designation NE94479. Millennium has fair to good winter hardiness, medium length coleoptile, very good tillering ability, and moderately strong straw (equal to 2137 and Windstar). It is resistant to Hessian fly; moderately resistant to stem rust; moderately susceptible to leaf rust; susceptible to soil borne mosaic and barley yellow dwarf viruses. Millennium was developed by Nebraska and the USDA-ARS from the cross Arapahoe/Abilene//NE86488.

Pronghorn is a tall variety of moderately early maturity with good tillering ability and moderately strong straw. It has good yield stability in the Nebraska panhandle and dryland production areas in adjacent states. Yield is comparable to Buckskin with superior stem rust resistance. Pronghorn has a long coleoptile, very good early spring re-growth, and good winter hardiness. The grain has good test weight patterns and very acceptable milling/baking qualities. Pronghorn was developed by Nebraska and the USDA-ARS from the cross Centura/Dawn//Colt sib.

Top Wheat Varieties for 2009
Historical Comparison by Year



Winter Wheat: Percent Planted to Each Variety
Nebraska, 2001-2009

Variety	2001	2002	2003	2004	2005	2006	2007	2008	2009
	<i>Percent</i>								
Jagalene (AgriPro)			2	4.5	16.8	23.8	33.4	20.9	13.8
Millennium	1	3.5	6.1	11.1	10.7	9.5	7.2	9.4	13.2
Pronghorn	10.9	10.8	10.3	10.4	11.4	10.1	12.2	10.6	12.1
TAM 111					1	1.2	1.6	3.2	6.5
Alliance	16.0	16.6	11.5	13.6	10.1	10.1	7.2	6.1	6.1
Goodstreak				1	1.7	3.7	3.6	5.1	5.0
Wesley	1.1	2.2	3.6	5.9	5.5	5.8	7.2	7.7	4.8
Postrock (AgriPro)							2	1.1	4.1
Infinity CL							1	2.3	3.5
Overland								1	3.4
Buckskin	4.7	6.2	7.3	4.9	3.7	5.0	3.5	3.4	3.3
Karl (all)	4.1	3.3	3.8	3.3	2.7	2.7	1.6	2.9	2.5
Arapahoe	13.4	13.0	8.7	6.8	5.2	2.9	2.0	3.4	2.2
2137	10.4	8.0	10.3	7.8	4.3	3.5	1.4	2.1	1.7
Thunderbolt (AgriPro)		2	2.0	3.0	1.9	1.9	2.0	2.4	1.6
Hatcher								1	1.2
Hawken (AgriPro)									1.2
Jagger	2.4	3.4	3.9	2.8	3.1	2.5	1.7	1.5	1.1
Wahoo		1	1.8	1.7	1.8	1.8	1.1	1.5	1.1
Other Public	27.0	24.5	20.5	15.7	13.6	10.3	8.1	10.0	6.6
Other Private	10.0	8.5	10.2	8.5	7.5	5.2	6.2	6.4	5.0
	<i>Thousand Acres</i>								
Total Planted	1,750	1,650	1,900	1,850	1,850	1,800	2,050	1,750	1,700

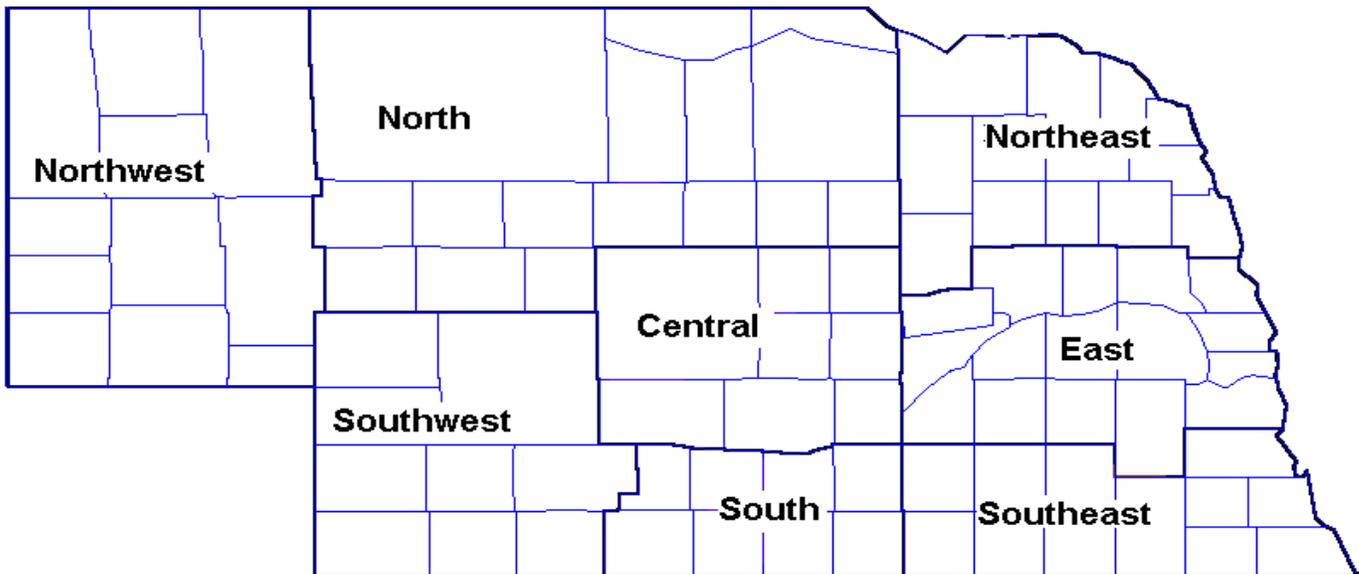
¹ Less than one percent, included in Other Public. ² Less than one percent, included in Other Private.

Winter Wheat: Percent Planted to Each Variety by District, Nebraska, 2009

Variety	Northwest	North	Northeast	Central	East	Southwest	South	Southeast	State
<i>Percent</i>									
Jagalene (AgriPro)	5.6	9.6	21.7	11.6	15.0	25.6	18.2	9.1	13.8
Millennium	16.5	12.4	9.5	21.8	13.6	10.5	10.2	6.0	13.2
Pronghorn	24.6	3.5		1.3		4.2	0.7	0.3	12.1
TAM 111	0.3			11.7	0.2	16.2	12.6		6.5
Alliance	9.9	4.6		1.1	0.5	5.6		0.1	6.1
Goodstreak	10.4					1.7			5.0
Wesley	2.0	48.8	40.5	3.6	13.7	1.3	5.0	10.6	4.8
Postrock (AgriPro)	0.4		7.0	3.1	8.1	4.9	16.4	7.3	4.1
Infinity CL	6.8	1.3		0.7		1.6	0.1	0.1	3.5
Overland	0.4	0.5	10.0	6.6	23.6	3.1	4.6	10.4	3.4
Buckskin	7.6								3.3
Karl (all)				2.1	6.7		6.7	20.2	2.5
Arapahoe	1.1	15.0	2.0	14.4	0.9	1.3	3.4	1.8	2.2
2137	0.2				3.5	2.5	1.3	8.0	1.7
Thunderbolt (AgriPro)				1.4		4.3	3.0		1.6
Hatcher	1.4					2.2			1.2
Hawken	0.6			7.4	0.9	0.9	3.8	0.6	1.2
Jagger	0.9			1.3	0.8	1.5	1.6	0.6	1.1
Wahoo			1.6	1.3	7.1	2.2	0.1	1.7	1.1
Other Public	4.7	0.7	6.4	9.9	4.4	7.6	9.2	12.1	6.6
Other Private	6.6	3.6	1.3	0.7	1.0	2.8	3.1	11.1	5.0
<i>Thousand Acres</i>									
Total Planted ¹	740	37	27	53	43	505	155	140	1,700

¹Preliminary.

Nebraska Agricultural Statistics Districts



**Winter Wheat: Acres Planted to Each Variety
Nebraska, 2001-2009**

Variety	2001	2002	2003	2004	2005	2006	2007	2008	2009
	<i>Thousand Acres</i>								
Jagalene (AgriPro)			2	84	310	429	685	366	234
Millennium	1	57	116	205	197	172	148	165	224
Pronghorn	191	178	196	192	210	182	250	186	206
TAM 111					1	22	33	56	110
Alliance	280	275	218	252	187	182	148	107	104
Goodstreak				1	31	67	74	89	85
Wesley	19	36	68	109	102	104	148	135	81
Postrock (AgriPro)							2	19	70
Infinity CL							1	40	60
Overland								1	57
Buckskin	82	103	139	91	68	91	72	59	56
Karl (all)	72	54	72	60	49	49	33	51	43
Arapahoe	234	215	165	127	97	52	41	59	37
2137	182	132	196	144	80	64	29	37	29
Thunderbolt (AgriPro)		2	38	55	35	34	41	42	27
Hatcher								1	21
Hawken (AgriPro)									20
Jagger	42	55	74	53	58	45	35	26	18
Wahoo		1	34	32	34	32	22	26	18
Other Public	476	406	404	303	267	182	165	175	113
Other Private	172	139	180	143	125	93	126	112	87
Total Planted	1,750	1,650	1,900	1,850	1,850	1,800	2,050	1,750	1,700

¹ Less than one percent, included in Other Public. ² 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

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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