



**2002**  
**South Dakota**  
**WHEAT VARIETIES**



July 24, 2002

**INTRODUCTION**

This report summarizes the results of the 2002 Wheat Variety Survey conducted by USDA's South Dakota Agricultural Statistics Service. Data was obtained from a cross section of South Dakota wheat growers. Survey results were tabulated from over 2,200 South Dakota wheat producers; approximately 900 reported winter wheat and 1,400 reported spring wheat. Percents and acreage data are included at both regional and state levels for winter and spring wheat (excluding durum wheat). All variety data and regional acreages in this publication are survey averages, not official estimates.

This survey is conducted on an intermittent basis. Comparable surveys were last completed in 1991, 1996, and 1999. Extra copies are available upon request. Thanks to all the producers who supplied data making this report possible.

**2002 WHEAT**

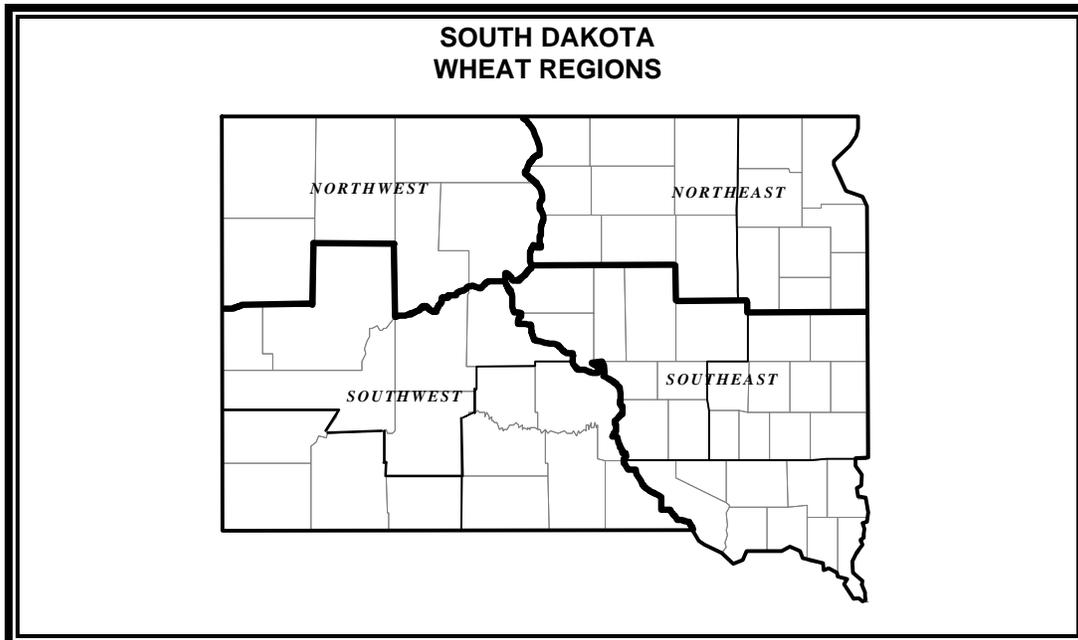
South Dakota had 2.975 million acres planted to wheat for the 2002 crop year. This compares to 3.025 million last year and 3.105 million acres in 1999, the year of the last wheat variety survey.

Winter wheat planted for 2002 totaled 1.15 million acres, down from 1.3 million in 2001 and 1999. Spring wheat acres totaled 1.8 million acres in 2002 up from 1.7 million in 2001 and 1.75 million in 1999.

**HIGHLIGHTS**

The most popular wheat variety in South Dakota in 2002 was Oxen, a spring wheat variety; while the most planted winter wheat was Arapahoe. These two varieties accounted for 24.9 percent of the state's 2.975 million wheat acres.

Supporting funds for the Wheat Variety Survey were provided by  
The Agricultural Experiment Station, South Dakota State University, Brookings, SD  
and the South Dakota Wheat Commission



## WINTER WHEAT

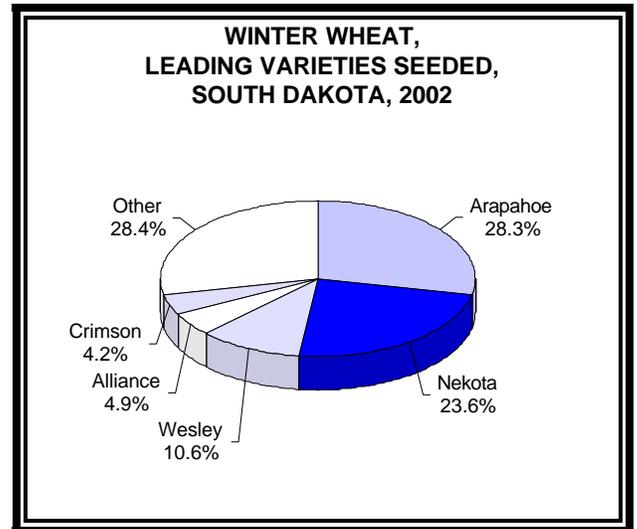
The most popular winter wheat variety in South Dakota in 2002 was Arapahoe, while Nekota was the second most popular. The top two varieties accounted for 51.9 percent of the 1.15 million winter wheat acres planted in South Dakota. Arapahoe was planted on 325,100 acres which is down from 501,200 acres in 1999. Nekota accounted for 271,300 acres, or 23.6 percent of the winter wheat

acres. Wesley, a new variety to the 2002 survey, was planted on 122,000 acres. Alliance ranked fourth with 4.9 percent, followed by Crimson with 4.2 percent. These top five varieties accounted for 71.6 percent of the state's winter wheat acres. New varieties reported for the first time in 2002 with at least 1 percent of the winter wheat acreage included Wesley, Harding, and Pronghorn.

**WINTER WHEAT VARIETIES SEEDED,  
SOUTH DAKOTA, 1991, 1996, 1999, & 2002**

Variety	Percent of State Total			2002	
	1991	1996	1999	Pct.	Acres Planted (000)
Arapahoe	6.8	46.7	38.0	28.3	325.1
Nekota	--	0.4	25.0	23.6	271.3
Wesley	--	--	--	10.6	122.0
Alliance	0.0	3.3	6.3	4.9	56.1
Crimson	--	--	1.5	4.2	48.0
2137	--	0.1	0.9	3.2	36.8
Rose	7.3	8.6	3.8	3.1	35.3
Harding	--	--	--	2.9	33.4
Tandem	--	--	0.9	2.1	24.2
Abilene	3.8	1.4	2/	1.3	14.9
Pronghorn	--	--	--	1.2	14.1
Scout	9.3	3.0	2.6	1.1	13.1
Other Varieties 1/	72.8	36.5	21.0	13.5	155.7
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>1,150.0</b>

1/ Includes varieties with less than 1% of the acreage in 2002 and unknown varieties. 2/ Less than .6 percent, included in "Other Varieties".



**PERCENT AND ACREAGE OF WINTER WHEAT SEEDED BY REGIONS, SOUTH DAKOTA, 2002**

Variety	Northwest		Northeast		Southeast		Southwest		State	
	Acres (000)	Percent	Acres (000)	Percent	Acres (000)	Percent	Acres (000)	Percent	Acres (000)	Percent
Arapahoe	8.6	12.3	12.2	10.6	91.2	23.4	213.1	37.0	325.1	28.3
Nekota	4.1	5.9	41.2	35.9	140.0	35.8	86.0	15.0	271.3	23.6
Wesley	9.3	13.3	23.4	20.3	50.9	13.1	38.4	6.7	122.0	10.6
Alliance	5.7	8.1	0.9	0.8	5.5	1.4	44.0	7.7	56.1	4.9
Crimson	8.6	12.3	8.1	7.0	13.8	3.5	17.5	3.0	48.0	4.2
2137	1.7	2.4	2.6	2.3	3.5	0.9	29.0	5.0	36.8	3.2
Rose	20.1	28.7	0.2	0.2	13.1	3.4	1.9	0.3	35.3	3.1
Harding	5.0	7.1	8.5	7.4	12.7	3.3	7.2	1.3	33.4	2.9
Tandem	1.3	1.9	0.4	0.3	10.2	2.6	12.3	2.1	24.2	2.1
Abilene	0.0	0.0	0.0	0.0	0.6	0.2	14.3	2.5	14.9	1.3
Pronghorn	0.0	0.0	0.0	0.0	9.5	2.4	4.6	0.8	14.1	1.2
Scout	0.4	0.6	0.6	0.5	0.0	0.0	12.1	2.1	13.1	1.1
Other Varieties 1/	5.2	7.4	16.9	14.7	39.0	10.0	94.6	16.5	155.7	13.5
<b>Total</b>	<b>70.0</b>	<b>100.0</b>	<b>115.0</b>	<b>100.0</b>	<b>390.0</b>	<b>100.0</b>	<b>575.0</b>	<b>100.0</b>	<b>1,150.0</b>	<b>100.0</b>

1/ Includes varieties with less than 1% of the acreage in 2002 and unknown varieties.

# SPRING WHEAT

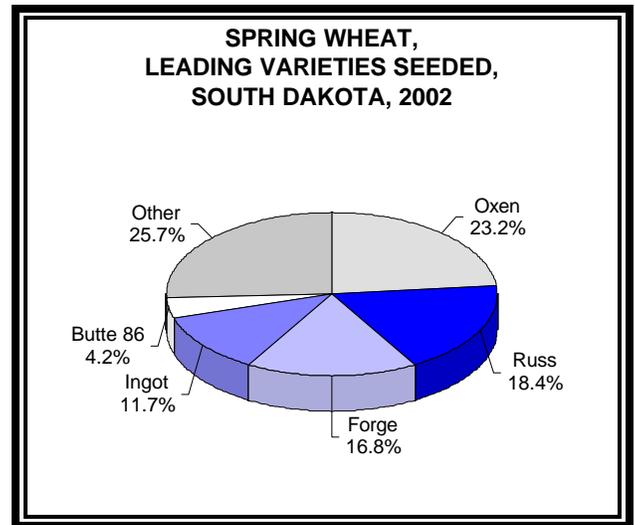
The leading spring wheat varieties in South Dakota for 2002 were Oxen, Russ, Forge, and Ingot. Of the 1.8 million acres of spring wheat planted in South Dakota, the top four varieties made up 70.1 percent of the total. Oxen was planted on 414,300 acres, or 23.2 percent of the state's total spring wheat acreage. Following was Russ, which was planted on 331,000 acres, a decline from

1999's survey mark of 454,900 acres. Rounding out the top four were Forge and Ingot which accounted for 16.8 percent and 11.7 percent of the spring wheat acreage, respectively. New varieties reported for the first time in 2002 with at least 1 percent of the spring wheat acreage, included Walworth, Reeder, Alsen, Trenton, and Norpro.

**SPRING WHEAT VARIETIES SEEDED, SOUTH DAKOTA, 1991, 1996, 1999, & 2002**

Variety	Percent of State Total			2002	
	1991	1996	1999	Pct.	Acres Planted (000)
Oxen	--	0.1	28.6	23.2	414.3
Russ	--	1.5	26.8	18.4	331.0
Forge	--	--	11.6	16.8	301.8
Ingot	--	--	0.8	11.7	211.4
Butte 86/Butte	49.9	35.5	12.8	4.2	75.9
Walworth	--	--	--	4.0	72.4
Reeder	--	--	--	2.4	43.7
Alsen	--	--	--	1.6	28.9
Sharp	2/	12.7	4.7	1.1	20.4
Trenton	--	--	--	1.1	20.0
Norpro	--	--	--	1.0	18.6
Other Varieties 1/	50.1	50.2	14.7	14.5	261.6
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>1,800.0</b>

1/ Includes varieties with less than 1% of the acreage in 2002 and unknown varieties. 2/ Less than 2 percent, included in "Other Varieties".



**PERCENT AND ACREAGE OF SPRING WHEAT SEEDED BY REGIONS, SOUTH DAKOTA, 2002**

Variety	Northwest		Northeast		Southeast		Southwest		State	
	Acres (000)	Percent	Acres (000)	Percent						
Oxen	31.1	11.5	258.3	28.4	65.0	17.6	59.9	24.0	414.3	23.2
Russ	62.4	23.1	193.0	21.2	51.5	13.9	24.1	9.6	331.0	18.4
Forge	26.2	9.7	96.8	10.6	119.3	32.3	59.5	23.8	301.8	16.8
Ingot	5.7	2.1	134.1	14.7	67.5	18.2	4.1	1.6	211.4	11.7
Butte 86/Butte	21.2	7.9	13.8	1.5	16.9	4.6	24.0	9.6	75.9	4.2
Walworth	10.4	3.9	56.3	6.2	5.7	1.5	--	--	72.4	4.0
Reeder	14.9	5.5	28.8	3.2	--	--	--	--	43.7	2.4
Alsen	3.4	1.3	21.2	2.3	2.3	0.6	2.0	0.8	28.9	1.6
Sharp	0.9	0.3	8.2	0.9	4.3	1.2	7.0	2.8	20.4	1.1
Trenton	19.0	7.0	0.6	0.1	0.4	0.1	--	--	20.0	1.1
Norpro	1.4	0.5	13.5	1.5	3.7	1.0	--	--	18.6	1.0
Other Varieties 1/	73.4	27.2	85.4	9.4	33.4	9.0	69.4	27.8	261.6	14.5
<b>Total</b>	<b>270.0</b>	<b>100.0</b>	<b>910.0</b>	<b>100.0</b>	<b>370.0</b>	<b>100.0</b>	<b>250.0</b>	<b>100.0</b>	<b>1800.0</b>	<b>100.0</b>

1/ Includes varieties with less than 1% of the acreage in 2002 and unknown varieties.

**FIVE-YEAR AVERAGE, HARVESTED ACREAGE, YIELD AND PRODUCTION, SOUTH DAKOTA, 1997-2001 1/**

County and District	Winter Wheat			Other Spring Wheat		
	Harvested	Yield per acre	Production	Harvested	Yield per acre	Production
	Acres	Bushels		Acres	Bushels	
Butte	8,980	31.8	285,580	6,840	23.8	162,520
Corson	7,340	29.8	218,580	95,000	25.7	2,443,600
Dewey	11,840	38.9	460,800	30,380	26.6	807,620
Harding	2,400	31.8	76,360	24,420	23.6	575,800
Perkins	13,060	36.3	473,460	74,980	26.7	2,000,660
Ziebach	25,260	36.9	932,200	23,080	27.7	640,200
<b>Northwest</b>	<b>68,880</b>	<b>35.5</b>	<b>2,446,980</b>	<b>254,700</b>	<b>26.0</b>	<b>6,630,400</b>
Brown	4,725	42.5	200,650	125,300	40.7	5,098,360
Campbell	6,900	33.8	233,240	54,900	29.8	1,638,400
Edmunds	9,200	39.0	359,120	105,760	36.5	3,860,400
Faulk	15,620	41.5	648,200	59,200	36.4	2,156,680
Mcperson	4,150	31.8	132,075	52,020	29.3	1,524,640
Potter	52,460	46.4	2,435,320	81,960	37.5	3,074,960
Spink	13,940	40.4	562,920	87,300	36.4	3,178,200
Walworth	9,080	41.8	379,320	69,540	34.8	2,417,120
<b>North Central</b>	<b>114,780</b>	<b>42.7</b>	<b>4,905,740</b>	<b>635,980</b>	<b>36.1</b>	<b>22,948,760</b>
Clark	6,660	35.3	235,220	40,340	34.5	1,392,080
Codington	2,160	42.7	92,140	38,540	37.7	1,454,000
Day	3,960	40.1	158,780	74,160	38.4	2,847,120
Deuel	1,025	45.1	46,225	15,180	39.8	604,600
Grant	950	28.0	26,600	32,960	39.7	1,309,200
Hamlin	2,200	44.2	97,150	13,980	39.4	550,140
Marshall	1,225	39.3	48,125	38,340	37.9	1,452,400
Roberts	1,250	33.4	41,750	78,700	42.4	3,333,180
<b>Northeast</b>	<b>18,780</b>	<b>38.7</b>	<b>726,200</b>	<b>332,200</b>	<b>39.0</b>	<b>12,942,720</b>
Haakon	98,700	38.7	3,816,620	33,080	30.5	1,008,560
Jackson	30,940	34.9	1,079,140	16,840	27.7	466,480
Lawrence	400	40.4	16,150	580	32.8	19,000
Meade	39,800	36.2	1,439,840	31,760	28.9	917,120
Pennington	48,780	37.1	1,809,100	21,580	27.8	599,000
Stanley	69,560	37.4	2,599,800	33,160	28.4	942,400
<b>West Central</b>	<b>288,100</b>	<b>37.3</b>	<b>10,757,420</b>	<b>137,000</b>	<b>28.9</b>	<b>3,952,560</b>
Aurora	9,560	42.0	401,720	2,400	27.8	66,720
Beadle	16,020	43.8	701,800	32,240	35.4	1,141,680
Brule	22,760	42.9	977,240	9,920	34.0	337,240
Buffalo	4,540	45.2	205,020	3,860	37.0	142,640
Hand	41,240	40.3	1,660,300	57,120	32.5	1,855,040
Hughes	45,460	46.8	2,126,400	41,200	36.1	1,486,080
Hyde	26,620	42.4	1,129,900	28,980	32.6	945,000
Jerauld	7,240	45.0	326,080	7,800	32.7	254,960
Sully	105,340	47.1	4,956,520	101,880	35.1	3,577,900
<b>Central</b>	<b>278,780</b>	<b>44.8</b>	<b>12,484,980</b>	<b>285,400</b>	<b>34.4</b>	<b>9,807,260</b>
Brookings	2,280	39.2	89,400	12,240	38.9	476,260
Davison	9,920	41.4	410,760	700	30.6	21,400
Hanson	7,520	47.1	354,220	1,233	35.7	44,000
Kingsbury	12,340	41.6	513,520	13,720	33.6	461,360
Lake	800	44.6	35,667	2,325	32.4	75,375
Mccook	1,000	36.0	36,000	975	37.0	36,050
Miner	3,340	39.7	132,600	2,833	36.4	103,167
Minnehaha	2,100	36.0	75,600	1,120	33.4	37,420
Moody	567	49.2	27,900	2,575	37.6	96,875
Sanborn	4,460	39.0	174,140	1,133	30.6	34,667
<b>East Central</b>	<b>42,580</b>	<b>42.1</b>	<b>1,790,520</b>	<b>39,320</b>	<b>35.5</b>	<b>1,397,640</b>
Bennett	29,980	38.1	1,141,940	29,680	26.9	798,020
Custer	2,840	39.5	112,200	2,400	22.8	54,667
Fall River	11,220	35.6	399,500	1,433	26.2	37,600
Shannon	13,480	39.9	538,220	10,380	28.0	290,460
<b>Southwest</b>	<b>57,520</b>	<b>38.1</b>	<b>2,191,860</b>	<b>44,100</b>	<b>27.0</b>	<b>1,189,580</b>
Gregory	10,600	33.0	350,120	6,040	26.5	160,040
Jones	35,700	35.3	1,259,000	14,060	27.0	379,860
Lyman	69,040	42.4	2,927,560	17,740	35.2	624,760
Mellette	19,400	37.7	731,640	6,167	28.5	175,733
Todd	5,700	38.9	222,000	3,633	31.8	115,667
Tripp	42,280	33.3	1,406,640	15,360	26.9	413,640
<b>South Central</b>	<b>182,720</b>	<b>37.7</b>	<b>6,896,960</b>	<b>62,540</b>	<b>29.5</b>	<b>1,842,680</b>
Bon Homme	4,040	42.3	170,780	940	30.5	28,680
Charles Mix	19,520	41.9	817,680	10,840	34.9	378,440
Clay	500	33.0	16,500			
Douglas	10,900	43.8	477,460	2,320	31.2	72,280
Hutchinson	7,700	44.2	340,020	1,425	35.1	50,000
Lincoln						
Turner	300	40.0	12,000	700	45.0	31,500
Union						
Yankton	700	36.9	25,800			
<b>Southeast</b>	<b>43,860</b>	<b>42.8</b>	<b>1,875,340</b>	<b>16,760</b>	<b>34.4</b>	<b>576,400</b>
<b>State Total</b>	<b>1,096,000</b>	<b>40.2</b>	<b>44,076,000</b>	<b>1,808,000</b>	<b>33.9</b>	<b>61,288,000</b>

1/ Counties and districts averaging less than 300 acres harvested are not published separately but are included in the district and/or state totals. All averages are derived from published data. District totals are calculated and are not equal to the sum of county averages.