



# SOUTH DAKOTA CROP & LIVESTOCK REPORTER

United States  
Department of  
Agriculture

Volume 53 Issue 18

October 20, 2004

## OCTOBER CROP REPORT

National  
Agricultural  
Statistics Service

South Dakota  
Agricultural  
Statistics Service

PO Box 5068  
Sioux Falls SD  
57117-5068

Phone:  
605-323-6500

Fax:  
605-323-6521

E-mail:  
nass-sd@nass  
.usda.gov

Web site:  
http://www.nass  
.usda.gov/sd/

**SOUTH DAKOTA: Corn** production is forecast at 492.0 million bushels, up 6 percent from last month. Yield is forecast at 120 bushels per acre, up 2 bushels from the September forecast. This is 1 bushel short of the state record set in 1998. Acres to be harvested for grain are forecast at 4.10 million, up 4 percent from the previous forecast, setting a new record high.

**Soybean** production is forecast at 139.06 million bushels, up 2 percent from last month. Yield, at 34 bushels per acre, is up 1 bushel from the previous forecast. Acres for harvest are forecast at 4.09 million, down 1 percent from the previous forecast.

**All sunflower** production is forecast at 621.0 million pounds, up 36 percent from last year. The estimated yield, at 1,500 pounds per acre, is up 495 pounds (49 percent) from last year. Harvested acres, at 414,000, are down 9 percent from last year.

**All hay** production is forecast at 7.41 million tons, up 2 percent from the August forecast. The yield, at 1.81 tons per acre, is up 0.04 ton per acre from August. Harvested acres, at 4.1 million, are down 5 percent from last year.

**Alfalfa hay**, with a forecasted production of 5.46

million tons, yielded 2.1 tons per acre from 2.6 million acres harvested. **Other hay**, with a forecasted production of 1.95 million tons, has a yield of 1.3 tons per acre from 1.5 million acres harvested.

**UNITED STATES: Corn** production is forecast at 11.6 billion bushels, 15 percent above 2003. Yield is expected to average 158.4 bushels per acre. If realized, both production and yield would be the largest on record.

**Soybean** production is forecast at 3.11 billion bushels. If realized, this would be the largest U.S. soybean crop on record. Yield is expected to average a record high 42.0 bushels per acre, up 3.5 bushels from September.

The first **sunflower** production forecast for 2004 is 2.40 billion pounds. The October yield forecast, at 1,346 pounds, is 133 pounds more than the 2003 yield.

**Alfalfa and alfalfa mixtures** production is forecast at 77.4 million tons. **Other hay** production is forecast at 88.5 million tons. Based on October 1 conditions, yields are expected to average 2.25 tons. If realized, both yield and production would be the highest on record.

### IN THIS ISSUE:

Crop Report

Small Grain  
Summary

Potatoes

Cold Storage

Slaughter

### CROP SUMMARY, SOUTH DAKOTA & UNITED STATES, OCTOBER 1, 2004

Crop	Acres Planted		Acres for Harvest		Unit of Pro-duction	Yield/Harvested Acre		Production	
	2003	2004	2003	2004		2003	2004	2003	2004
	- - - - Thousand Acres - - - -					- - Thousand - -			
<b>SOUTH DAKOTA</b>									
Corn, All	4,400	4,650	--	--	--	--	--	--	--
Corn, Grain	--	--	3,850	4,100	Bu.	111.0	120.0	427,350	492,000
Potatoes	4,250	4,150	4,200	4,090	Bu.	27.5	34.0	115,500	139,060
Soybeans	270	250	--	--	--	--	--	--	--
Sorghum, All	--	--	150	160	Bu.	45.0	46.0	6,750	7,360
Sorghum, Grain	505	425	455	414	Lb.	1,005	1,500	457,500	621,000
Sunflower, All	--	--	2,700	2,600	Ton	1.90	2.10	5,130	5,460
Hay, Alfalfa	--	--	1,600	1,500	Ton	1.30	1.30	2,080	1,950
Hay, Other	8	10	7.5	10.0	Lb.	1,770	1,800	133	180
Dry Edible Beans 1/									
<b>UNITED STATES</b>									
Corn, All	78,736	80,968	--	--	--	--	--	--	--
Corn, Grain	--	--	71,139	73,311	Bu.	142.2	158.4	10,113,887	11,613,226
Soybeans	73,404	75,065	72,476	73,990	Bu.	33.9	42.0	2,453,665	3,106,861
Sorghum, All	9,420	7,528	--	--	--	--	--	--	--
Sorghum, Grain	--	--	7,798	6,559	Bu.	52.7	70.4	411,237	461,857
Sunflower, All	2,344	1,864	2,197	1,780	Lb.	1,213	1,346	2,665,226	2,395,199
Hay, Alfalfa	--	--	23,578	22,226	Ton	3.24	3.48	76,307	77,371
Hay, Other	--	--	39,764	39,363	Ton	2.03	2.25	80,816	88,549
Dry Edible Beans 1/	1,406.1	1,373.4	1,346.9	1,250.1	Lb.	1,672	1,495	22,515	18,693

1/ Production for dry edible beans is in 1,000 cwt.



National Agricultural Statistics Service  
Fact Finders for Agriculture

NASS

An Equal Opportunity Provider and Employer

## SMALL GRAIN SUMMARY

**SOUTH DAKOTA:** South Dakota's 2004 wheat production is up 11 percent from 2003's production levels due to higher yields. Spring wheat, oats, and barley enjoyed record setting yields, with spring wheat and oats having beaten the previous records set just last year.

**All Wheat** production, at 128.61 million bushels in 2004, is up 9 percent from last year. The all wheat yield is 46.0 bushels, up 3.7 bushels from last year and a record high average wheat yield for South Dakota. Harvested acres, at 2.80 million, are unchanged from 2003. Planted acres, at 3.27 million, are up 6 percent from a year earlier.

**Winter Wheat** production this year, at 56.25 million bushels, is down 9 percent from last year's production. Yield, at 45 bushels per acre, is 2 bushels above last year and is the second highest yield in the state's history. Harvested acres, at 1.25 million, are 13 percent below the 2003 level. Planted acres, at 1.65 million, are equal to a year ago, but are reduced 50,000 acres from earlier estimates.

**Durum Wheat** production, at 450,000 bushels, is 28 percent below last year's production. Yield, at 25 bushels per acre, is up 2 bushels from last year. Planted acres totaled 20,000 this year, with 18,000 acres harvested.

**Other Spring Wheat** production, at 71.9 million bushels, is up 28 percent from last year's production. Yield, at 47 bushels per acre, is up 5 bushels from last year's state record. Producers harvested 1.53 million acres, up 14 percent from 2003. Planted acres, at 1.60 million, are also up 14 percent from last year.

**Oat** production in 2004, at 13.94 million bushels, is 11 percent below last year's production. Yield, at 82 bushels, is 14 bushels above last year's state record. Harvested acres, at 170,000, are down 26 percent from 2003. Planted acres, at 380,000, are down 10 percent from last year.

**Barley** production totaled 3.15 million bushels, 8 percent above last year. The 63 bushel per acre yield is 10 bushels above last year and sets a new state record by 8 bushels. Harvested acres, at 50,000, are down 9 percent from 2003. Planted acres, at 70,000, are down 7 percent from last year.

**Rye** production, at 649,000 bushels, is down 3 percent from last year's production of 672,000 bushels. Yield, at 59 bushels, is 11 bushels above last year's state record. Planted acres totaled 20,000, while 11,000 acres were harvested.

**UNITED STATES: All wheat** production totaled 2.16 billion bushels in 2004, up 2 percent from the last forecast but 8 percent below 2003. Grain area is 50.2 million acres, down 5 percent from last year. The U.S. yield is 43.1 bushels per acre, down 1.1 bushels from a year ago.

**Winter Wheat:** The 2004 winter wheat production is estimated at 1.50 billion bushels. This is up nearly 1 percent from the August forecast but 13 percent below last year's crop. The U.S. yield is 43.5 bushels per acre, up 0.7 bushel from August but 3.2 bushels below last year's final yield. Acreage for grain is estimated at 34.5 million acres, 6 percent below 2003. Planted area is 43.4 million acres, down 4 percent from the previous year.

**Durum Wheat:** Production for 2004 totaled 90.5 million bushels, up 2 percent from August 1, but 6 percent less than last year. Grain area harvested totaled 2.45 million acres, 15 percent below a year ago. The U.S. yield is estimated at 37.0 bushels per acre, up 1.7 bushels from the last forecast and 3.3 bushels per acre above 2003.

**Other Spring Wheat:** Production in 2004 is estimated at 574 million bushels, up 5 percent from the last forecast and up 8 percent from 2003. Harvested area is 13.3 million acres, 1 percent lower than last year. The U.S. yield is a record high 43.1 bushels per acre, 3.6 bushels better than last year and 1.3 bushels higher than the previous record set in 1992.

**Oat** production is estimated at 117 million bushels, 9 percent below the August 1 forecast and 19 percent below last year's 144 million bushels. The estimated yield is 64.5 bushels per acre, down 1.5 bushels from August and down 0.5 bushel from a year ago. Record high yields are estimated in South Dakota and Washington. Harvested area is 1.81 million acres, 7 percent below the August 1 forecast and 19 percent below last year. This is the smallest acreage harvested for grain on record, continuing a steady downward trend.

**Barley** production is estimated at 280 million bushels, up 3 percent from the August 1 forecast and up 1 percent from last year. Average yield per acre, at a record high 69.5 bushels, is up 3.8 bushels from the last forecast and 10.6 bushels above 2003. The area harvested for grain is estimated at 4.03 million acres, down 3 percent from August and 15 percent below a year ago.

**Rye:** Production for 2004 is estimated at 8.62 million bushels, down fractionally from last year. Harvested area totaled 320,000 acres, up 1,000 from 2003. The U.S. yield, at 26.9 bushels per acre, is down 0.2 bushel from last year. Oklahoma leads the Nation in production and recorded their largest crop on record. South Dakota set a new record high yield, breaking last year's record by 11 bushels per acre.

## SMALL GRAIN SUMMARY (Cont.)

### SMALL GRAIN SUMMARY, SOUTH DAKOTA AND UNITED STATES, 2003 & 2004

Crop	Area Planted		Area for Harvest		Yield/Harvested Acre		Production	
	2003	2004	2003	2004	2003	2004	2003	2004
	- - - - - Thousand Acres - - - - -				- - Bushels - -		- Thousand Bushels -	
<b>SOUTH DAKOTA</b>								
Wheat, All	3,078	3,270	2,797	2,798	42.3	46.0	118,391	128,610
Winter 1/	1,650	1,650	1,430	1,250	43.0	45.0	61,490	56,250
Durum	28	20	27	18	23.0	25.0	621	450
Other Spring	1,400	1,600	1,340	1,530	42.0	47.0	56,280	71,910
Barley	75	70	55	50	53.0	63.0	2,915	3,150
Oats 1/	420	380	230	170	68.0	82.0	15,640	13,940
Rye 1/	20	20	14	11	48.0	59.0	672	649
<b>UNITED STATES</b>								
Wheat, All 1/	62,141	59,674	53,063	50,204	44.2	43.1	2,344,760	2,163,520
Winter 1/	45,384	43,350	36,753	34,462	46.7	43.5	1,716,721	1,499,434
Durum	2,915	2,561	2,869	2,448	33.7	37.0	96,637	90,468
Other Spring	13,842	13,763	13,441	13,294	39.5	43.1	531,402	573,618
Barley 1/	5,348	4,527	4,727	4,031	58.9	69.5	278,283	280,103
Oats 1/	4,597	4,085	2,220	1,807	65.0	64.5	144,383	116,505
Rye 1/	1,348	1,380	319	320	27.1	26.9	8,634	8,615

1/ Includes area planted in preceding fall.

## POTATOES

**SOUTH DAKOTA:** South Dakota potato growers produced 340,000 cwt. of potatoes in 2003, up 3 percent from 2002. Harvested acreage, at 1,000, was down 100 acres from 2002. Yield was a record high 340 cwt., up 13 percent (40 cwt.) from 2002. The state's potato production is valued at \$2.4 million. South Dakota's 2003 price was \$7.10 per cwt., up 50 cents from 2002. Of the 340,000 cwt. potatoes produced, 291,000 cwt. were sold; 1,000 cwt. were used for seed, feed, or household use on the farm produced; and 48,000 cwt. were lost through shrinkage and other losses.

**UNITED STATES:** Total 2003 potato production is estimated at 458 million cwt., less than 1 percent below the estimate made in the Annual Crop Summary in January and down fractionally from the 2002 crop. Harvested area, at 1.25 million acres, decreased 1 percent from a year ago. The average yield of 367 cwt. per acre is up 5 cwt. from 2002. Value of all potatoes sold in 2003 is estimated at \$2.46 billion, down 13 percent from the previous year. The average price, at \$5.89 per cwt., went down 78 cents from a year earlier.

### POTATO PRODUCTION, FARM DISPOSITION, AVERAGE PRICE RECEIVED BY FARMERS, & VALUE, 2003

State	Production	Total Used for Seed	Farm Disposition			Price/Cwt.	Value of	
			Used on Farms Where Grown for Seed, Feed, & Household Use	Shrinkage & Loss	Sold		Production	Sales
			- - - - - 1,000 Cwt. - - - - -			Dollars	- - - 1,000 Dollars - - -	
Minn.	22,330	1,060	130	1,800	20,400	5.05	112,767	103,020
N. Dak.	27,440	1,805	390	3,700	23,350	5.45	149,548	127,258
S. Dak. 1/	340	2/	1	48	291	7.10	2,414	2,066
U. S.	457,814	26,360	5,541	35,296	416,977	5.89	2,685,822	2,457,640

1/ Estimates discontinued in 2004. 2/ "Total used for seed" not available.

#### COMING UP IN THE NEXT CROP REPORTER:

November Crop Report  
 October Cattle on Feed  
 July-September Milk Production  
 October Ag Prices  
 September Slaughter and Cold Storage

## COLD STORAGE

### STOCKS IN COLD STORAGE, UNITED STATES

Commodity	August 31, 2003	July 31, 2004	August 31, 2004	August 2004 as % of	
				August 2003	July 2004
	----- Thousand Pounds -----			----- Percent -----	
Butter	253,913	193,520	162,897	64	84
Cheese, total natural	794,215	869,602	819,037	103	94
Eggs, frozen	18,044	16,720	17,157	95	103
Fruits, frozen	993,973	1,061,577	1,054,420	106	99
Fruit juices, frozen	1,967,307	2,351,042	2,230,721	113	95
Meat, total red	817,317	814,258	848,908	104	104
Beef, total frozen	370,992	427,047	447,736	121	105
Pork, total frozen	430,239	373,399	387,899	90	104
Poultry, total frozen	1,328,264	1,330,851	1,314,131	99	99
Chicken	617,698	730,290	728,071	118	100
Turkey	706,502	599,589	585,059	83	98
Vegetables, total frozen	1,993,439	1,670,127	1,963,283	98	118
Potatoes, total frozen	1,070,421	1,117,070	1,126,930	105	101

Data are collected from warehouses artificially cooled to a temperature of 50 degrees Fahrenheit or lower, and whose food products are normally stored for 30 days or more. All food items in these facilities are reported regardless of the number of days stored at the time of the report. Also included are specialized storage facilities meeting the 30 day requirement, such as fruit houses, dairy manufacturing plants, frozen fruit, fruit juice, and vegetable processors, and poultry and meat packing plants. Excluded are stocks in space maintained by wholesalers, jobbers, distributors, chain stores, locker plants containing individual lockers, meat packer branch houses, and frozen food processors whose entire inventories are turned over more than once a month.

## SLAUGHTER

### COMMERCIAL SLAUGHTER, RED MEAT PRODUCTION, SOUTH DAKOTA AND UNITED STATES 1/

Kind	Unit	Slaughter			August 2004 as % of		January-August 2/		
		August 2003	July 2004	August 2004	August 2003	July 2004	2003	2004	2004 as % of 2003
		- - Percent - -				Million Pounds Liveweight		Percent	
<b>SOUTH DAKOTA</b>									
Cattle	1,000 Head	4/	4/	4/	NA	NA	4/	4/	NA
Hogs	1,000 Head	376.0	358.9	406.6	108	113	776.2	754.4	97
Sheep	1,000 Head	0.9	1.1	1.4	156	127	1.116	0.963	86
Red Meat 3/	Million Lbs.	78.9	74.5	83.3	106	112	638.7	613.1	96
<b>UNITED STATES</b>									
Cattle	1,000 Head	3,138.8	2,788.4 *	2,819.3	90	101	29,820.2	26,999.5	91
Hogs	1,000 Head	8,057.9	8,095.2 *	8,719.8	108	108	17,206.6	17,870.7	104
Sheep	1,000 Head	241.6	220.8	232.6	96	105	260.8	254.6	98
Red Meat 3/	Million Lbs.	3,916.7	3,708.8	3,878.0	99	105	30,982.9	29,887.0	96

1/ Includes slaughter under Federal inspection and other Commercial slaughter, excludes farm slaughter. 2/ Accumulated totals and percentages based on unrounded data. 3/ Red Meat is based on packers' dressed weights and excludes farm slaughter. 4/ Data not printed to avoid disclosing individual operations. \* Revised.

Carter Anderson, Director  
Stephen W. Noyes, Deputy Director