



# SOUTH DAKOTA CROP & LIVESTOCK REPORTER

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## ANNUAL CROP SUMMARY

**SOUTH DAKOTA:** **Corn for grain** production totaled 470.05 million bushels, down 13 percent from 2004. Yield, at 119 bushels per acre, is down 11 bushels from last year. The 2005 corn production is the second highest behind last year's record crop. Producers harvested 3.950 million acres of grain for 2005, down 5 percent from 2004.

**Soybean** production in 2005 totaled 138.6 million bushels, 1 percent below last year's production. The average yield was 36 bushels per acre, up 2 bushels from last year. Harvested acres, at 3.85 million, were down 7 percent from 2004.

**All hay** production totaled 7.56 million tons, up 10 percent from 2004. The average yield was 1.89 tons per acre, up from 1.76 in 2004. Acres harvested were up 100,000 from 2004, to 4.0 million. **Alfalfa hay** production, at 5.16 million tons, was up 9 percent from 2004 and represented 68 percent of the total. It had an average yield of 2.15 tons per acre. Harvested acres were up 150,000 acres from last year, to 2.40 million. **All other hay** production totaled 2.4 million tons, up 12 percent from last year, and had an average yield of 1.5 tons per acre. Harvested acres, at 1.60 million, were down 50,000 from last year. **New seedings of alfalfa** in 2005 totaled 180,000 acres in South Dakota, down 10 percent from 2004. Newly seeded acres are normally harvested for dry hay for the first time the following year.

**All sunflower** production totaled 876.95 million pounds, 45 percent above last year. Average yield, at 1,655 pounds per acre, was up 193 pounds from last year. Planted and harvested acres totaled 550,000 and 530,000, respectively. **Oil sunflower** production, at 793.65 million pounds, represented 91 percent of the total. It had a yield of 1,650 pounds per acre with 481,000 acres harvested. **Non-oil sunflower** production totaled 83.3 million pounds and had a yield of 1,700 pounds per acre from 49,000 acres harvested.

**Proso millet** grain production totaled 3.8 million bushels, unchanged from 2004. Average yield of 33 bushels per acre was 4 bushels above a year earlier. Harvested acres, at 115,000, were down 12 percent.

**All forage** production from alfalfa and other hay acres was 7.77 million tons in 2005. Dry hay production of 7.56 million tons represents 97 percent of the total forage produced. The other 3 percent (or 0.2 million ton) was haylage and greenchop.

**UNITED STATES:** **Corn for grain** production is estimated at 11.1 billion bushels, down 6 percent from the 11.8 billion bushels produced in 2004. The average U.S. grain yield is estimated at 147.9 bushels per acre, down 12.5 bushels from 2004. The 2005 production and yield estimates are the second largest on record, behind last year.

**Soybean** production totaled 3.09 billion bushels, the second largest U.S. soybean crop on record. This is 1 percent below 2004. The average yield per acre is estimated at a record high 43.3 bushels, 1.1 bushels above the 2004 final yield.

**Sunflower** production for 2005 totaled 4.02 billion pounds, up 96 percent from 2004. The U.S. average yield per acre increased 342 pounds from 2004 to a record high 1,540 pounds. Acreage harvested increased 53 percent from last year to 2.61 million acres.

**Alfalfa hay** production totaled 75.8 million tons, up slightly from 2004. Harvested area, at 22.4 million acres, is 3 percent above the previous year. Yields averaged 3.38 tons per acre, down 0.10 ton from 2004. **Other hay** production totaled 74.8 million tons, down 10 percent from the 2004 total. Area for harvest, at 39.3 million acres, is 2 percent below last year. The average yield is estimated at 1.91 tons per acre, down 0.15 ton from last year's record high yield.

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## CROP ACREAGES

Crop	Area Planted			Area Harvested			2005 as % of 2004
	2003	2004	2005	2003	2004	2005	
	----- 1,000 Acres -----						Percent
<b>SOUTH DAKOTA</b>							
Wheat, All	3,078	3,270	3,315	2,797	2,798	3,193	114
Winter 1/	1,650	1,650	1,550	1,430	1,250	1,490	119
Durum	28	20	15	27	18	13	72
Other Spring	1,400	1,600	1,750	1,340	1,530	1,690	110
Corn, All	4,400	4,650	4,450	--	--	--	--
Grain	--	--	--	3,850	4,150	3,950	95
Silage	--	--	--	470	450	420	93
Sorghum, All	270	250	180	--	--	--	--
Grain	--	--	--	150	150	85	57
Silage	--	--	--	50	40	20	50
Oats	420	380	380	230	170	180	106
Barley	75	70	65	55	50	47	94
Rye 1/	20	20	3/	14	11	3/	--
Flaxseed	10	10	25	9	9	24	267
Soybeans	4,250	4,150	3,900	4,200	4,120	3,850	93
Hay, All	--	--	--	4,300	3,900	4,000	103
Alfalfa	--	--	--	2,700	2,250	2,400	107
All Other	--	--	--	1,600	1,650	1,600	97
Sunflower, All	505	435	550	455	415	530	128
Oil	475	410	500	430	394	481	122
Non-oil	30	25	50	25	21	49	233
Proso Millet	210	180	140	165	130	115	88
Dry Edible Beans	8.0	9.0	17.5	7.5	8.9	17.4	196
<b>UNITED STATES</b>							
Wheat, All	62,141	59,674	57,229	53,063	49,999	50,119	100
Winter 1/	45,384	43,350	40,433	36,753	34,462	33,794	98
Durum	2,915	2,561	2,760	2,869	2,363	2,716	115
Other Spring	13,842	13,763	14,036	13,441	13,174	13,609	103
Corn, All	78,603	80,929	81,759	--	--	--	--
Grain	--	--	--	70,944	73,631	75,107	102
Silage	--	--	--	6,583	6,101	5,920	97
Sorghum, All	9,420	7,486	6,454	--	--	--	--
Grain	--	--	--	7,798	6,517	5,736	88
Silage	--	--	--	343	352	311	88
Oats	4,597	4,085	4,246	2,220	1,787	1,823	102
Barley	5,348	4,527	3,875	4,727	4,021	3,269	81
Rye 1/	1,348	1,380	1,433	319	300	279	93
Flaxseed	595	523	983	588	511	955	187
Soybeans	73,404	75,208	72,142	72,476	73,958	71,361	96
Hay, All	--	--	--	63,383	61,966	61,649	99
Alfalfa	--	--	--	23,529	21,707	22,389	103
All Other	--	--	--	39,854	40,259	39,260	98
Sunflower, All	2,344	1,873	2,709	2,197	1,711	2,610	153
Oil	1,998	1,533	2,104	1,874	1,424	2,032	143
Non-oil	346	340	605	323	287	578	201
Proso Millet	730	710	565	620	595	515	87
Dry Edible Beans	1,406.1	1,354.3	1,659.3	1,346.9	1,219.3	1,562.9	128
Canola	1,082	865	1,159	1,068	828	1,114	135
Mustard Seed	110.0	73.0	49.0	107.0	68.7	44.6	65
Rapeseed	1.3	8.7	2.4	1.2	7.8	2.0	26
Safflower	222.0	175.0	165.0	213.0	159.0	160.0	101

1/ Acres seeded preceding fall. 2/ Production is in cwt. 3/ Beginning in 2005, SD no longer published individually.

## WINTER WHEAT SEEDINGS

**SOUTH DAKOTA:** Winter wheat seedings for the 2006 crop totaled 1.35 million acres, down 200,000 acres (13 percent) from the previous year's crop. In the last ten years, South Dakota averaged 1.460 million seeded acres of winter wheat.

**UNITED STATES:** Winter wheat seeded area for 2006 is expected to total 41.4 million acres, up 2 percent from 2005. Hard Red Winter (HRW) wheat seeded area is about 29.9

million acres, down 1 percent from 2005. Acreage was below last year's level in all HRW growing states except for Kansas, Oklahoma, and Texas. Acreage decreases occurred in Colorado, Nebraska, South Dakota, and Montana despite excellent seeding and germination conditions in most areas. Nearly all of the U.S. acreage was seeded by December 1.

## CROP PRODUCTION

Crop	Unit	Yield per Acre			Production			
		2003	2004	2005	2003	2004	2005	2005 as % of 2004
					----- 1,000 -----			Percent
<b>SOUTH DAKOTA</b>								
Wheat, All	Bu	42.3	46.0	41.8	118,391	128,610	133,420	104
Winter	Bu	43.0	45.0	44.0	61,490	56,250	65,560	117
Durum	Bu	23.0	25.0	20.0	621	450	260	58
Other Spring	Bu	42.0	47.0	40.0	56,280	71,910	67,600	94
Corn, All								
Grain	Bu	111.0	130.0	119.0	427,350	539,500	470,050	87
Silage	Ton	8.5	11.0	11.0	3,995	4,950	4,620	93
Sorghum, All								
Grain	Bu	45.0	42.0	52.0	6,750	6,300	4,420	70
Silage	Ton	7.0	8.5	11.5	350	340	230	68
Oats	Bu	68.0	82.0	72.0	15,640	13,940	12,960	93
Barley	Bu	53.0	63.0	49.0	2,915	3,150	2,303	73
Rye	Bu	48.0	59.0	3/	672	649	3/	--
Flaxseed	Bu	16.0	15.0	20.0	144	135	480	356
Soybeans	Bu	27.5	34.0	36.0	115,500	140,080	138,600	99
Hay, All	Ton	1.68	1.76	1.89	7,210	6,870	7,560	110
Alfalfa	Ton	1.90	2.10	2.15	5,130	4,725	5,160	109
All Other	Ton	1.30	1.30	1.50	2,080	2,145	2,400	112
Sunflower, All	Lb	1,005	1,462	1,655	457,500	606,740	876,950	145
Oil	Lb	1,000	1,460	1,650	430,000	575,240	793,650	138
Non-oil	Lb	1,100	1,500	1,700	27,500	31,500	83,300	264
Proso Millet	Bu	17.0	29.0	33.0	2,805	3,770	3,795	101
Dry Edible Beans 2/	Lb	1,770	1,840	1,730	133	164	301	184
<b>UNITED STATES</b>								
Wheat, All	Bu	44.2	43.2	42.0	2,344,760	2,158,245	2,104,690	98
Winter	Bu	46.7	43.5	44.4	1,716,721	1,499,434	1,499,129	100
Durum	Bu	33.7	38.0	37.2	96,637	89,893	101,105	112
Other Spring	Bu	39.5	43.2	37.1	531,402	568,918	504,456	89
Corn, All								
Grain	Bu	142.2	160.4	147.9	10,089,222	11,807,086	11,112,072	94
Silage	Ton	16.3	17.6	18.0	107,378	107,293	106,311	99
Sorghum, All								
Grain	Bu	52.7	69.6	68.7	411,237	453,654	393,893	87
Silage	Ton	10.4	13.6	13.6	3,552	4,776	4,218	88
Oats	Bu	65.0	64.7	63.0	144,383	115,695	114,878	99
Barley	Bu	58.9	69.6	64.8	278,283	279,743	211,896	76
Rye	Bu	27.1	27.5	27.0	8,634	8,255	7,537	91
Flaxseed	Bu	17.9	20.3	20.6	10,516	10,368	19,695	190
Soybeans	Bu	33.9	42.2	43.3	2,453,665	3,123,686	3,086,432	99
Hay, All	Ton	2.49	2.55	2.44	157,585	158,247	150,590	95
Alfalfa	Ton	3.24	3.48	3.38	76,273	75,481	75,771	100
All Other	Ton	2.04	2.06	1.91	81,312	82,766	74,819	90
Sunflower, All	Lb	1,213	1,198	1,540	2,665,226	2,049,613	4,018,355	196
Oil	Lb	1,206	1,238	1,564	2,259,666	1,763,378	3,177,635	180
Non-oil	Lb	1,256	997	1,455	405,560	286,235	840,720	294
Proso Millet	Bu	18.5	25.3	26.3	11,450	15,065	13,545	90
Dry Edible Beans 2/	Lb	1,670	1,459	1,742	22,492	17,788	27,222	153
Canola	Lb	1,416	1,618	1,419	1,512,250	1,339,530	1,580,985	118
Mustard Seed	Lb	723	819	787	77,372	56,290	35,114	62
Rapeseed	Lb	949	1,394	1,500	1,139	10,875	3,000	28
Safflower	Lb	1,290	1,204	1,203	274,755	191,365	192,545	101

1/ Acres seeded preceding fall. 2/ Production is in cwt. 3/ Beginning in 2005, SD no longer published individually.

## WINTER WHEAT SEEDINGS (Cont.)

### WINTER WHEAT SEEDINGS, SELECTED STATES, 2004-2006

State	Area Seeded		
	2004	2005	2006
----- 1,000 Acres -----			
Kansas	10,000	10,000	10,200
Minnesota	27	20	30
Nebraska	1,850	1,850	1,750
North Dakota	245	310	180
South Dakota	1,650	1,550	1,350
United States	43,350	40,433	41,367

## GRAIN STOCKS

**SOUTH DAKOTA:** December 1, 2005 **soybean** stocks totaled 103.1 million bushels, up 9 percent from last year. On-farm stocks totaled 62.0 million bushels, down 5 percent from last year. Off-farm stocks, at 41.1 million bushels, are up 39 percent from last year. **Corn** stocks totaled 412.1 million bushels, down 6 percent from last year's total of 437.1 million bushels. On-farm stocks are down 5 percent from last year and off-farm stocks are down 9 percent from 2004.

**All wheat** stocks totaled 71.2 million bushels, down 9 percent from last year. On-farm stocks are down 8 percent from last year. **Hay** stocks, at 7.9 million tons, are up 14 percent from last year's total 6.9 million tons.

Grain storage capacity in South Dakota totaled 770 million bushels on December 1, 2005, up 1 percent from last year. Total grain storage

capacity comprises 580 million bushels on-farm and 190 million bushels off-farm. There were 255 facilities with off-farm storage capacity on December 1, 2005, unchanged from last year.

**UNITED STATES:** **Corn** stocks in all positions on December 1, 2005 totaled 9.81 billion bushels, up 4 percent from December 1, 2004. Of the total stocks, 6.33 billion bushels are stored on farms, up 3 percent from a year earlier. Off-farm stocks, at 3.49 billion bushels, are up 5 percent from a year ago. **Soybeans** stored in all positions on December 1, 2005 totaled 2.50 billion bushels, up 9 percent from December 1, 2004. **All wheat** stored in all positions on December 1, 2005 totaled 1.43 billion bushels, down slightly from a year ago. On-farm stocks are down 3 percent from last December, while off-farm stocks are up 2 percent from 2004.

### STOCKS OF GRAIN, SOUTH DAKOTA AND UNITED STATES, DECEMBER 1, 2004 AND 2005

Crop	On-Farm			Off-Farm			All Positions		
	2004	2005	2005 as % of All Positions	2004	2005	2005 as % of All Positions	2004	2005	2005 as % Of 2004
	- 1,000 Bushels -			- 1,000 Bushels -			- 1,000 Bushels -		
	Percent			Percent			Percent		
<b>SOUTH DAKOTA</b>									
Corn	320,000	305,000	74	117,060	107,096	26	437,060	412,096	94
Barley	1,800	1,600	--	1/	1/	--	1/	1/	--
Sorghum	1/	1/	--	1,186	1,344	--	1/	1/	--
Soybeans	65,000	62,000	60	29,607	41,105	40	94,607	103,105	109
All Wheat	52,000	48,000	67	26,286	23,234	33	78,286	71,234	91
Oats	9,700	8,800	85	1,743	1,496	15	11,443	10,296	90
<b>UNITED STATES</b>									
Corn	6,144,000	6,325,000	64	3,308,488	3,487,835	36	9,452,488	9,812,835	104
Barley	130,700	103,650	50	115,276	104,335	50	245,976	207,985	85
Sorghum	78,700	55,000	19	203,505	233,891	81	282,205	288,891	102
Soybeans	1,300,000	1,345,000	54	1,004,640	1,157,389	46	2,304,640	2,502,389	109
All Wheat	531,020	513,000	36	899,306	916,531	64	1,430,326	1,429,531	100
Oats	60,400	60,100	63	44,513	35,635	37	104,913	95,735	91

1/ Data not published to avoid disclosure of individual operations.

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