



North Dakota

# FARM REPORTER

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## IN THIS ISSUE

**Annual Crop Production**  
**Winter Wheat Seedings**  
**Grain Stocks**  
**Potato Stocks**

high 2005 crop. The average grain yield is estimated at 111 bushels per harvested acre, down from 2005's record high 129 bushel yield. Soybean production is estimated at a record high 120 million bushels, 15 percent above 2005's production. The increase from the previous year's production is due to the record high 3.87 million acres harvested, despite a lower yield. Oil sunflower production is estimated at 932 million pounds, down from 1.42 billion pounds in 2005. Non-oil sunflower production is estimated at 182 million pounds, down from 328 million pounds in 2005. Canola production for 2006 is estimated at 1.28 billion pounds, down 12 percent from 2005.

## ANNUAL CROP PRODUCTION

**N**orth Dakota  
 Corn for grain production in North Dakota for 2006 is estimated at a record high 155 million bushels, up just 0.4 percent from the previous record

**U**nited States  
 Corn for grain production is estimated at 10.5 billion bushels, 5 percent lower than 2005. The average U.S. grain yield is estimated at 149.1 bushels per acre. Soybean production in 2006 totals 3.19 billion bushels, the largest U.S. soybean crop on record. The average yield per acre is estimated at 42.7 bushels. Oil sunflower production is estimated at 1.79 billion pounds, down 44 percent from 2005. Non-oil sunflower production is estimated at 356 million pounds, down 58 percent from 2005. Canola production in 2006 is 1.39 billion pounds, down 12 percent from 2005.

**Annual Crop Summary: Area Planted and Harvested, North Dakota and United States, 2005-2006 <sup>1/</sup>**

Crop	North Dakota				United States			
	Area Planted		Area Harvested		Area Planted		Area Harvested	
	2005	2006	2005	2006	2005	2006	2005	2006
	<i>1,000 Acres</i>							
Barley	1,200	1,100	1,060	995	3,875	3,452	3,269	2,951
Corn for Grain <sup>2/</sup>	1,410	1,690	1,200	1,400	81,779	78,327	75,117	70,648
Corn for Silage			170	220			5,930	6,477
Hay, All			3,030	2,720			61,729	60,807
Alfalfa			1,650	1,450			22,439	21,384
All Other			1,380	1,270			39,290	39,423
Oats	490	420	240	120	4,246	4,168	1,823	1,576
Rye <sup>3/</sup>					1,433	1,396	279	274
Wheat, All	9,090	8,800	8,835	8,290	57,229	57,344	50,119	46,810
Winter	310	200	285	180	40,433	40,575	33,794	31,117
Durum	1,980	1,300	1,950	1,260	2,760	1,870	2,716	1,815
Other Spring	6,800	7,300	6,600	6,850	14,036	14,899	13,609	13,878
Canola	1,040.0	940.0	1,015.0	935.0	1,159	1,044	1,114	1,021
Flaxseed	890	750	865	715	983	813	955	767
Mustard Seed <sup>3/</sup>					49.0	40.5	44.6	39.2
Rapeseed <sup>3/</sup>					2.4	1.4	2.0	1.0
Safflower <sup>3/</sup>					169.0	189.0	163.5	179.0
Soybeans	2,950	3,900	2,900	3,870	72,032	75,522	71,251	74,602
Sunflower, All	1,140	900	1,105	860	2,709	1,950	2,610	1,770
Oil	910	770	885	740	2,104	1,658	2,032	1,514
Non-oil	230	130	220	120	605	292	578	256
Sugarbeets	255.0	261.0	243.0	243.0	1,299.8	1,366.7	1,242.9	1,304.1
Dry Edible Beans, All	620.0	670.0	565.0	640.0	1,630.0	1,629.8	1,533.6	1,537.6
Navy	90.0	120.0	82.0	113.0	236.4	280.7	223.4	263.9
Great Northern	4.2	7.5	4.0	6.5	72.8	69.7	71.2	59.3
Pinto	475.0	453.0	432.0	435.0	784.8	690.9	726.1	652.6
Dark Red Kidney	4.0	2.0	3.8	1.9	60.7	48.8	58.0	46.4
Pink	12.0	20.0	10.8	19.4	37.9	45.3	35.8	43.4
Small Red	5.5	6.0	5.2	5.7	50.9	35.5	49.5	34.4
Black	21.0	46.0	19.5	44.0	111.6	167.4	107.1	159.3
Chickpeas, All (Garbanzo)	6.1	13.0	5.7	12.2	89.8	136.8	86.3	132.9
Small	4.0	7.5	3.7	7.0	10.5	17.4	9.9	16.3
Large	2.1	5.5	2.0	5.2	79.3	119.4	76.4	116.6
Other	2.2	2.5	2.0	2.3	185.1	154.7	176.2	145.4
Dry Edible Peas	540.0	610.0	515.0	590.0	808.0	925.5	765.9	884.1
Lentils	150.0	160.0	146.0	148.0	450.0	429.0	439.0	407.0
Fall Potatoes, All	92.0	100.0	82.0	98.0	967.7	987.9	949.0	976.2
Irrigated <sup>4/5/</sup>	31.5	34.0	30.5	33.5				
Types, Reds <sup>5/</sup>	23.5	22.5	19.0	22.0				
Whites <sup>5/</sup>	29.5	30.5	26.0	30.0				
Russets <sup>5/</sup>	39.0	47.0	37.0	46.0				

<sup>1/</sup> Data are latest estimates available. <sup>2/</sup> Area planted for all purposes. <sup>3/</sup> Published at U.S. level only. <sup>4/</sup> Included in all potatoes. <sup>5/</sup> Published at state level only.

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# ANNUAL CROP PRODUCTION (Continued)

## Annual Crop Summary: Yield and Production North Dakota and United States, 2005-2006 <sup>1/</sup>

Crop	Unit	North Dakota				United States			
		Yield		Production		Yield		Production	
		2005	2006	2005	2006	2005	2006	2005	2006
				<i>1,000</i>	<i>1,000</i>			<i>1,000</i>	<i>1,000</i>
Barley	Bu	54.0	49.0	57,240	48,755	64.8	61.0	211,896	180,051
Corn for Grain	Bu	129.0	111.0	154,800	155,400	148.0	149.1	11,114,082	10,534,868
Corn for Silage	Tons	11.0	5.9	1,870	1,298	18.0	16.2	106,486	104,849
Hay, All	Tons	1.86	1.15	5,646	3,137	2.45	2.33	151,017	141,666
Alfalfa	Tons	2.00	1.20	3,300	1,740	3.39	3.35	76,149	71,666
All Other	Tons	1.70	1.10	2,346	1,397	1.91	1.78	74,868	70,000
Oats	Bu	59.0	41.0	14,160	4,920	63.0	59.5	114,878	93,764
Rye <sup>2/</sup>	Bu					27.0	26.3	7,537	7,193
Wheat, All	Bu	34.4	30.4	303,765	251,770	42.0	38.7	2,104,690	1,812,036
Winter	Bu	39.0	44.0	11,115	7,920	44.4	41.7	1,499,129	1,298,081
Durum	Bu	35.0	25.0	68,250	31,500	37.2	29.5	101,105	53,475
Other Spring	Bu	34.0	31.0	224,400	212,350	37.1	33.2	504,456	460,480
Canola	Lbs	1,440	1,370	1,461,600	1,280,950	1,419	1,366	1,580,985	1,394,332
Flaxseed	Bu	21.0	14.5	18,165	10,368	20.6	14.4	19,695	11,019
Mustard Seed <sup>2/</sup>	Lbs					787	720	35,114	28,220
Rapeseed <sup>2/</sup>	Lbs					1,500	1,100	3,000	1,100
Safflower <sup>2/</sup>	Lbs					1,339	1,069	218,995	191,405
Soybeans	Bu	36.0	31.0	104,400	119,970	43.0	42.7	3,063,237	3,188,247
Sunflower, All	Lbs	1,586	1,296	1,752,650	1,114,800	1,540	1,211	4,018,355	2,143,613
Oil	Lbs	1,610	1,260	1,424,850	932,400	1,564	1,181	3,177,635	1,787,966
Non-oil	Lbs	1,490	1,520	327,800	182,400	1,455	1,389	840,720	355,647
Sugarbeets	Tons	18.8	26.0	4,568	6,318	22.1	25.9	27,433	33,765
Dry Edible Beans, All <sup>3/</sup>	Cwt	1,520	1,200	8,588	7,680	1,746	1,577	26,772	24,247
Navy <sup>3/</sup>	Cwt	1,620	1,400	1,330	1,585	1,788	1,649	3,995	4,353
Great Northern <sup>3/</sup>	Cwt	1,750	1,080	70	70	2,226	2,007	1,585	1,190
Pinto <sup>3/</sup>	Cwt	1,510	1,150	6,530	4,988	1,735	1,474	12,601	9,618
Dark Red Kidney <sup>3/</sup>	Cwt	1,240	1,630	47	31	1,805	1,774	1,047	823
Pink <sup>3/</sup>	Cwt	1,510	1,430	163	277	1,849	1,684	662	731
Small Red <sup>3/</sup>	Cwt	1,210	1,190	63	68	1,824	1,887	903	649
Black <sup>3/</sup>	Cwt	1,300	1,180	254	520	1,679	1,670	1,798	2,661
Chickpeas, All (Garbanzo) <sup>3/</sup>	Cwt	1,810	910	103	111	1,229	1,158	1,061	1,539
Small <sup>3/</sup>	Cwt	1,700	690	63	48	1,505	914	149	149
Large <sup>3/</sup>	Cwt	2,000	1,210	40	63	1,194	1,192	912	1,390
Other <sup>3/</sup>	Cwt	1,400	1,300	28	30	1,771	1,845	3,120	2,683
Dry Edible Peas <sup>3/</sup>	Cwt	1,900	1,580	9,785	9,322	1,828	1,493	14,003	13,203
Lentils <sup>3/</sup>	Cwt	1,350	820	1,971	1,214	1,176	797	5,163	3,244
Fall Potatoes, All	Cwt	250	260	20,500	25,480	403	402	382,743	391,978
Irrigated <sup>4/ 5/</sup>	Cwt	385	400	11,740	13,400				
Types, Reds <sup>5/</sup>	Cwt	168	174	3,185	3,830				
Whites <sup>5/</sup>	Cwt	175	185	4,550	5,550				
Russets <sup>5/</sup>	Cwt	345	350	12,765	16,100				

<sup>1/</sup> Data are latest estimates available. <sup>2/</sup> Published at U.S. level only. <sup>3/</sup> Yield in pounds. <sup>4/</sup> Included in all potatoes. <sup>5/</sup> Published at state level only.

## WINTER WHEAT SEEDINGS

**N**orth Dakota Winter wheat seeded area in North Dakota for harvest in 2007 is estimated at 370,000 acres, up from the 2006 crop of 200,000 acres. The prospects of favorable yield and higher prices encouraged increased plantings. Dry fall weather provided optimal conditions for completing planting.

**U**nited States Winter wheat seeded area for 2007 is expected to total 44.1 million acres, up 9 percent from 2006. Approximate class acreage breakdowns are: Hard Red Winter, 31.9 million; Soft Red Winter, 8.33 million; and White Winter, 3.91 million.

### Winter Wheat: Area Seeded Selected States and United States 2005-2007

State <sup>1/</sup>	Crop Year			2007 as Pct of 2006
	2005	2006	2007	
	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>Percent</i>
<b>North Dakota</b>	310	200	370	185
Colorado	2,550	2,150	2,250	105
Kansas	10,000	9,800	10,300	105
Montana	2,150	1,950	2,150	110
Nebraska	1,850	1,800	1,950	108
Oklahoma	5,700	5,700	6,100	107
South Dakota	1,550	1,450	1,900	131
Texas	5,500	5,550	6,000	108
Washington	1,850	1,850	1,850	100
<b>United States</b>	<b>40,433</b>	<b>40,575</b>	<b>44,089</b>	<b>109</b>

<sup>1/</sup> Additional states published in the National release.

## GRAIN STOCKS

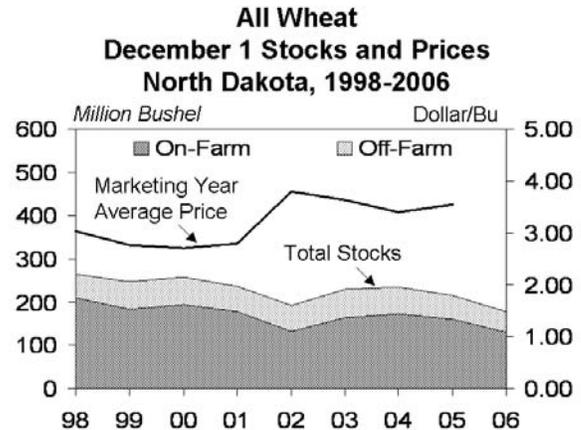
### North Dakota

All wheat stored in all positions in North Dakota on December 1, 2006 totaled 179 million bushels. This is 17 percent below a year ago and down 24 percent from December 1, 2004. Durum wheat stocks in all positions totaled 23.7 million bushels, down 54 percent from a year ago. On-farm stocks, at 17.0 million bushels, are down 60 percent from December 1, 2005. Corn stocks in all positions totaled 110 million bushels, down 22 percent from the record high 141 million bushels a year ago. Of the total stocks, 79.0 million bushels were stored on farms, down 28 percent from December 1, 2005. Soybean stocks in all positions totaled a record high 88.5 million bushels, up 27 percent from last year's 69.8 million bushels, which was a record high. On-farm stocks totaled 57.0 million bushels on December 1, 2006, compared with last year's 45.0 million bushels.

### United States

All wheat stored in all positions on December 1, 2006 totaled 1.31 billion bushels, down 8 percent from a year ago. Durum wheat stored in all positions on December 1, 2006 totaled 47.5 million bushels, down 42

percent from a year ago. Corn stored in all positions on December 1, 2006 totaled 8.93 billion bushels, down 9 percent from December 1, 2005. Soybeans stored in all positions on December 1, 2006 totaled 2.70 billion bushels, up 8 percent from December 1, 2005.



**Stocks: By Position, Current and Previous Quarter  
North Dakota and United States, 2005-2006**

Crop	Date	North Dakota			United States		
		On Farm	Off Farm <sup>1/</sup>	Total All Positions	On Farm	Off Farm <sup>1/</sup>	Total All Positions
		--- 1,000 Bushels ---			--- 1,000 Bushels ---		
Wheat, All <sup>2/</sup>	Dec 1, 2005	160,000	55,000	215,000	513,010	916,414	1,429,424
	Sep 1, 2006	150,000	74,500	224,500	572,020	1,178,524	1,750,544
	Dec 1, 2006	130,000	49,000	179,000	403,250	911,364	1,314,614
Durum Wheat	Dec 1, 2005	42,000	10,000	52,000	57,700	24,384	82,084
	Sep 1, 2006	21,000	9,700	30,700	31,500	31,524	63,024
	Dec 1, 2006	17,000	6,700	23,700	23,900	23,647	47,547
Barley	Dec 1, 2005	37,000	18,500	55,500	103,650	104,335	207,985
	Sep 1, 2006	34,000	16,000	50,000	112,850	99,939	212,789
	Dec 1, 2006	25,000	16,700	41,700	83,650	89,064	172,714
Oats	Dec 1, 2005	12,500	830	13,330	60,100	35,617	95,717
	Sep 1, 2006	8,500	740	9,240	60,800	39,284	100,084
	Dec 1, 2006	8,000	880	8,880	53,000	43,244	96,244
Corn	Dec 1, 2005	110,000	31,300	141,300	6,325,000	3,489,957	9,814,957
	Sep 1, 2006	8,700	8,600	17,300	749,500	1,217,661	1,967,161
	Dec 1, 2006	79,000	31,000	110,000	5,627,000	3,302,820	8,929,820
Soybeans	Dec 1, 2005	45,000	24,800	69,800	1,345,000	1,156,426	2,501,426
	Sep 1, 2006	8,000	5,600	13,600	176,300	273,026	449,326
	Dec 1, 2006	57,000	31,500	88,500	1,461,000	1,236,498	2,697,498
Dry Edible Peas <sup>3/</sup> (000 Cwt)	Jun 1, 2006	---	---	---	---	---	2,123
	Dec 1, 2006	---	---	---	---	---	6,281
Lentils <sup>3/</sup> (000 Cwt)	Jun 1, 2006	---	---	---	---	---	1,800
	Dec 1, 2006	---	---	---	---	---	2,775
Chickpeas <sup>3/</sup> (000 Cwt)	Jun 1, 2006	---	---	---	---	---	170
	Dec 1, 2006	---	---	---	---	---	821
Hay (000 Tons)	Dec 1, 2005	5,580	---	5,580	105,205	---	105,205
	May 1, 2006	1,806	---	1,806	21,345	---	21,345
	Dec 1, 2006	4,375	---	4,375	96,397	---	96,397

<sup>1/</sup> Includes stocks at mills, elevators, warehouses, terminals and processors. <sup>2/</sup> Includes durum, other spring and winter. <sup>3/</sup> Published at the U.S. level only.

## POTATO STOCKS

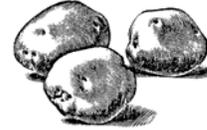
### North Dakota

Growers, dealers and processors held 15.0 million hundredweight (cwt) of potatoes in storage January 1, 2007, up 30 percent from a year ago, but down 14 percent from two years ago. Current stocks represent 59 percent of the production, up from 56 percent last year. Total stocks are defined as all potatoes on hand, regardless of use, including those that will be lost through future shrinkage and dumping.

Stocks by type are 68 percent russets, 15 percent round whites, 2 percent long whites and 15 percent reds. As a percent of total stocks, russets are up from 2006, while round whites and reds are down. Long whites are the same as last year.

### United States

The 13 major potato states held 220 million cwt of potatoes in storage January 1, 2007, virtually unchanged from last year but 7 percent below January 1, 2005, for comparable states. Potatoes in storage account for 58 percent of the 2006 fall storage states' production, down 1 percent from last year. Stocks by type were 3 percent reds, 11 percent round whites, 2 percent long whites (Shepody) and 84 percent russets, with a larger percentage of reds and round whites but a smaller percentage of russets than a year ago for comparable states.



**Fall Potatoes: Production and Stocks  
13 Major States and United States, January 1, 2006-2007**

State	Crop of 2005		Crop of 2006			Stocks by Type as Percent of Total Stocks							
	Production	Stocks Jan 1, 2006	Production	Stocks		Reds		Round Whites		Long Whites		Russets	
				Dec 1, 2006	Jan 1, 2007	Dec 2006	Jan 2007	Dec 2006	Jan 2007	Dec 2006	Jan 2007	Dec 2006	Jan 2007
<b>North Dakota</b>	20,500	11,500	25,480	17,300	15,000	15	15	17	15	2	2	66	68
California	3,306	1,300	3,783	1,800	1,500								
Colorado	22,910	15,000	22,686	17,200	15,200	3	3	13	13			84	84
Idaho	118,288	75,500	121,820	84,000	74,500	2	2			2	2	96	96
Maine <sup>1/</sup>	15,455	11,200	18,270	14,600	13,000	2	2	38	39			60	59
Michigan	13,910	6,200	14,190	8,200	6,600	1		87	90			12	10
Minnesota	17,630	11,100	20,400	12,000	10,700	12	11	4	4	2	2	82	83
Montana	3,445	3,300	3,518	3,400	3,400								
Nebraska	8,245	4,700	8,633	5,800	4,800								
New York	5,226	2,200	5,700	2,800	1,900	5	5	90	90			5	5
Oregon	22,023	16,500	18,533	16,000	13,900	1	1	2	2	2	2	95	95
Washington	95,480	46,500	89,900	49,000	42,500	2	2	1		5	3	92	95
Wisconsin	27,880	15,500	29,370	20,100	17,000	4	3	14	33			82	64
<b>10 State Average</b>						4	3	10	11	2	2	84	84
<b>13 State Total</b>	374,298	220,500	382,283	252,200	220,000								

<sup>1/</sup> December revised.

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