Principal Crops: Record Highs and Lows, North Dakota [1]

Crop		Unit	Record High		Record Low		Year Records Started
			Quantity	Year	Quantity	Year	
All Wheat	Planted	*Acres*	12,680,000	1996	5,715,000	1962	1916
	Harvested	*Acres*	12,515,000	1996	85,000	1879	1879
	Yield	*Bu*	41.1	1992	4.5	1900	1879
	Production	*Bu*	472,890,000	1992	1,742,000	1879	1879
Spring Wheat	Planted	*Acres*	9,600,000	1996	3,812,000	1962	1926
	Harvested	*Acres*	9,500,000	1996	2,438,000	1936	1919
	Yield	*Bu*	42.0	1992	5.2	1936	1919
	Production	*Bu*	382,200,000	1992	12,678,000	1936	1919
Durum Wheat	Planted	*Acres*	5,051,000	1928	797,000	1958	1926
	Harvested	*Acres*	5,000,000	1928	770,000	1958	1919
	Yield	*Bu*	38.0	1992	3.5	1954	1919
	Production	*Bu*	127,890,000	1981	4,235,000	1954	1919
Winter Wheat	Planted	*Acres*	750,000	1985	25,000	1966	1964
	Harvested	*Acres*	550,000	1984	24.000	1966	1964
	Yield	*Bu*	49.0	2003	13.0	1988	1964
	Production	*Bu*	22,000,000	1984	600,000	1966	1964
Barley	Planted	*Acres*	4,147,000	1959	**1,100,000**	**2006**	1926
	Harvested	*Acres*	3,918,000	1958	15,000	1882	1882
	Yield	*Bu*	65.0	1992	5.0	1910	1882
	Production	*Bu*	184,250,000	1985	382,000	1882	1882
Oats	Planted	*Acres*	2,985,000	1970	**420,000**	**2006**	1926
	Harvested	*Acres*	2,870,000	1917	57,000	1882	1882
	Yield	*Bu*	70.0	1993	8.0	1910	1882
	Production	*Bu*	153,624,000	1969	1,852,000	1882	1882
Sunflower	Planted	*Acres*	3,460,000	1979	13,000	1962	1962
	Harvested	*Acres*	3,378,000	1979	12,500	1962	1962
	Yield	*Lbs*	1,586	2005	600	1964	1962
	Production	*Lbs*	4,584,600,000	1979	10,800,000	1964	1962
Canola	Planted	*Acres*	1,300,000	2002	18,000	1991	1991
	Harvested	*Acres*	1,285,000	2001	17,500	1991	1991
	Yield	*Lbs*	1,630	2004	1,180	1997	1991
	Production	*Lbs*	1,799,000,000	2001	24,500,000	1991	1991
Soybeans	Planted	*Acres*	**3,900,000**	**2006**	7,000	1945	1942
	Harvested	*Acres*	**3,870,000**	**2006**	4,000	1944	1942
	Yield	*Bu*	37.0	2005	10.0	1947	1942
	Production	*Bu*	**119,970,000**	**2006**	40,000	1942	1942
Flaxseed	Planted	*Acres*	3,649,000	1957	80,000	1996	1920
	Harvested	*Acres*	3,500,000	1956	35,000	1892	1889
	Yield	*Bu*	21.0	2005	2.7	1936	1889
	Production	*Bu*	28,700,000	1956	228,000	1889	1889
All Corn	Planted	*Acres*	1,800,000	2004	495,000	1972	1929
Corn for Grain	Harvested	*Acres*	**1,400,000**	**2006**	17,000	1934	1924
	Yield	*Bu*	129.0	2005	8.4	1934	1924
	Production	*Bu*	**155,400,000**	**2006**	143,000	1934	1924
Dry Edible Beans	Planted	*Acres*	790,000	2002	21,000	1966	1964
	Harvested	*Acres*	710,000	1998	20,000	1966	1964
	Yield	*Lbs*	1,550	2001	600	1989	1964
	Production	*Cwt*	10,626,000	2002	165,000	1964	1964
Dry Edible Peas	Planted	*Acres*	**610,000**	**2006**	64,000	1999	1998
	Harvested	*Acres*	**590,000**	**2006**	58,000	1999	1998
	Yield	*Lbs*	2,340	2004	**1,580**	**2006**	1998
	Production	*Cwt*	9,785,000	2005	1,102,000	1999	1998
Lentils	Planted	*Acres*	**160,000**	**2006**	22,000	1998	1998
	Harvested	*Acres*	**148,000**	**2006**	21,500	1998	1998
	Yield	*Lbs*	1,550	1999	**820**	**2006**	1998
	Production	*Cwt*	1,971,000	2005	267,000	1998	1998
Potatoes	Planted	*Acres*	191,000	1943	73,000	1951	1929
	Harvested	*Acres*	198,000	1922	2,000	1882	1882
	Yield	*Cwt*	265	2004	20	1890	1882
	Production	*Cwt*	30,030,000	1991	196,000	1882	1882
Sugarbeets	Planted	*Acres*	265,000	2002	2,900	1924	1924
	Harvested	*Acres*	258,000	2002	2,600	1924	1924
	Yield	*Tons*	**26.0**	**2006**	4.9	1934	1924
	Production	*Tons*	**6,318,000**	**2006**	24,500	1924	1924
All Hay	Harvested	*Acres*	4,337,000	1961	2,102,000	1934	1909
	Yield	*Tons*	2.09	2000	0.41	1934	1909
	Production	*Tons*	6,285,000	1978	871,000	1934	1909

[1] In case of a tie, most recent year was used. Bold indicates new record.

North Dakota Crop Summary

Total Principal Crops: Acreage and Value of Production, North Dakota, 1997-2006 [1]

Year	Acreage		Value of Production	Value per Harvested Acre
	Area Planted	Area Harvested		
	1,000	*1,000*	*1,000 Dollars*	*Dollars*
1997	23,003	21,833	2,526,949	116.65
1998	22,071	21,360	2,688,166	126.59
1999	20,550	19,177	2,058,976	108.13
2000	22,322	20,851	2,381,394	114.98
2001	21,238	20,299	2,493,668	123.79
2002	23,517	21,157	2,878,238	137.21
2003	22,831	22,111	3,553,679	162.33
2004	22,152	20,463	3,005,268	148.42
2005	22,974	22,043	3,352,906	153.29
2006	23,097	21,912	3,662,295	168.83

[1] Planted acres include acres harvested for hay. Acreages and value include unpublished data for miscellaneous crops and commercial vegetables. Value excludes corn for silage. 2006 value includes 2006 sugarbeet production multiplied by 2005 price.

Grain Storage Capacity: By Position, North Dakota, December 1, 1997-2006

Year	Off Farm Facilities	Capacity		
		Off Farm	On Farm	Total
	Number	*1,000 Bushels*	*1,000 Bushels*	*1,000 Bushels*
1997	428	239,040	720,000	959,040
1998	420	245,430	740,000	985,430
1999	409	248,670	740,000	988,670
2000	394	244,370	710,000	954,370
2001	385	240,130	710,000	950,130
2002	379	240,650	710,000	950,650
2003	363	235,390	710,000	945,390
2004	350	256,050	730,000	986,050
2005	345	255,750	740,000	995,750
2006	340	262,280	750,000	1,012,280

2006 Season in Review

Spring tillage and fieldwork for the 2006 crop year began three days later than 2005, but three days earlier than the five-year (2001-2005) average, due to mostly dry conditions through mid-April. The statewide average starting date for fieldwork was April 17.

Small grain planting began in early April, behind 2005 and average. All crops started behind average, but by mid-May surpassed the average pace. As of May 28, 96 percent of the spring wheat crop and 88 percent of the durum wheat crop had been planted. Corn was 93 percent planted, equal to last year but ahead of average, and the soybean crop, at 81 percent planted, was ahead of last year and the average.

All crop condition ratings deteriorated during June due to limited precipitation. On June 4, the spring wheat crop was rated 73 percent good to excellent, but declined to 53 percent good to excellent by July 2. Hot, dry weather continued through July, causing crop condition ratings to decline further. As of August 27, 33 percent of the corn crop and 41 percent of the soybean crop were rated good to excellent, compared with 73 and 74 percent last year, respectively.

Small grain harvest began in the middle of July, at least a week ahead of average. As of August 27, the barley and oat harvest were nearly complete at 96 and 97 percent, respectively. Spring wheat was 90 percent harvested and durum wheat was 70 percent harvested, both at least two weeks ahead of average. Harvest was virtually complete for durum wheat and canola by September 10. As of September 17, the soybean harvest was 16 percent complete, more than a week ahead of last year and average. Dry edible bean and potato harvest were 67 and 52 percent complete, respectively. The sugarbeet harvest was underway, ahead of last year and average.

As of October 15, the harvest progress for most late season crops was ahead of average, except for sugarbeets, which were behind. Corn for grain was 31 percent harvested, compared with 22 percent on average. Soybean harvest was 92 percent complete, compared with 81 percent on average. Sunflower harvest was 34 percent complete, compared with 23 percent on average.

Above average temperatures and mostly dry conditions allowed late season crops to finish ahead of average. Harvest of dry edible beans was complete by October 15, while potatoes and soybeans were nearly finished a week

Annual Crop Summary: Area Planted and Harvested
North Dakota and United States, 2005-2006 [1]

Crop	North Dakota				United States			
	Area Planted		Area Harvested		Area Planted		Area Harvested	
	2005	2006	2005	2006	2005	2006	2005	2006
	1,000 Acres	*1,000 Acres*	*1,000 Acres*	*1,000 Acres*	*1,000 Acres*	*1,000 Acres*	*1,000 Acres*	*1,000 Acres*
Barley	1,200	1,100	1,060	995	3,875	3,452	3,269	2,951
Corn for Grain [2]	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 [3]					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
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 [3]					49.0	40.5	44.6	39.2
Rapeseed [3]					2.4	1.4	2.0	1.0
Safflower [3]					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	1,366.2	1,242.9	1,303.6
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 [4] [5]	31.5	34.0	30.5	33.5				
Types, Reds [5]	23.5	22.5	19.0	22.0				
Whites [5]	29.5	30.5	26.0	30.0				
Russets [5]	39.0	47.0	37.0	46.0				

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

later. Corn for grain and sunflowers were virtually complete by November 12, ahead of last year and average.

The 2006 crop year saw below average rainfall at all of the weather stations except Streeter. Topsoil and subsoil moisture supplies were rated better than average until mid-May; however, limited precipitation and above normal temperatures throughout the summer depleted available soil moisture. By September 17, topsoil moisture supplies were rated 43 percent adequate to surplus compared with 62 percent last year and 56 percent on average.

Acreage & Production Summary

Total planted area of principal crops in 2006, including hay harvested, was 23.1 million acres, a 1 percent increase from 2005 and 4 percent above 2004. Harvested area totaled 21.9 million acres, compared with 22.0 million acres in 2005 and 20.5 million acres in 2004.

Corn and soybean production for 2006 both broke record highs set in 2005. Record high corn for grain acres, despite a lower average yield, pushed production to a new level. The increase in soybean production was due to record high harvested acres, despite a lower yield.

Spring wheat production was down 5 percent from 2005, while durum wheat production fell 54 percent from the previous year. The decline in spring wheat was due to a drop of 3 bushels in average yield despite a 4 percent increase in harvested acreage. The lowest durum harvested acres since 1959, and a drop of 10 bushels in average yield, were responsible for the large production decrease for durum. Production was lower for both oil sunflower and canola when compared with 2005. The decrease in oil sunflower was the result of a drop in yield from the record high set in 2005 and decreased harvested acreage. Canola production decreased as a result of both lower harvested acreage and yields.

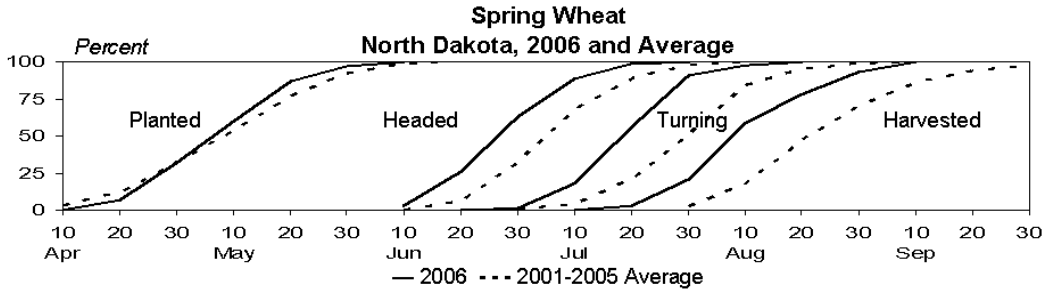
Dry edible bean production in 2006 fell 11 percent from the previous year and the second lowest production since the record high 2002 production. The decrease was due to reduced yields caused in part by the hot and dry growing season, despite increased harvested acres.

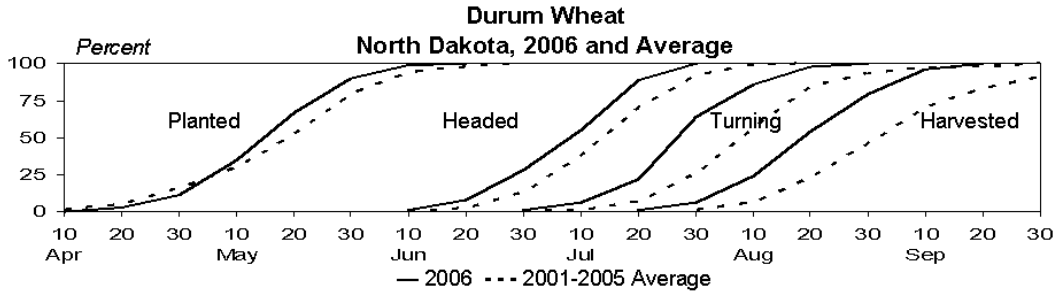
Dry edible pea and lentil production fell 5 percent and 38 percent, respectively, from 2005's record high for both crops. Reduced yields, caused by the hot, dry conditions, limited total production, despite record high harvested acres for both crops.

Annual Crop Summary: Yield and Production
North Dakota and United States, 2005-2006 [1]

Crop	Unit	North Dakota				United States			
		Yield		Production		Yield		Production	
		2005	2006	2005	2006	2005	2006	2005	2006
				1,000	*1,000*			*1,000*	*1,000*
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 [2]	*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
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 [2]	*Lbs*					787	720	35,114	28,220
Rapeseed [2]	*Lbs*					1,500	1,100	3,000	1,100
Safflower [2]	*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	26.1	27,433	34,064
Dry Edible Beans, All [3]	*Cwt*	1,520	1,200	8,588	7,680	1,746	1,577	26,772	24,247
Navy [3]	*Cwt*	1,620	1,400	1,330	1,585	1,788	1,649	3,995	4,353
Great Northern [3]	*Cwt*	1,750	1,080	70	70	2,226	2,007	1,585	1,190
Pinto [3]	*Cwt*	1,510	1,150	6,530	4,988	1,735	1,474	12,601	9,618
Dark Red Kidney [3]	*Cwt*	1,240	1,630	47	31	1,805	1,774	1,047	823
Pink [3]	*Cwt*	1,510	1,430	163	277	1,849	1,684	662	731
Small Red [3]	*Cwt*	1,210	1,190	63	68	1,824	1,887	903	649
Black [3]	*Cwt*	1,300	1,180	254	520	1,679	1,670	1,798	2,661
Chickpeas, All (Garbanzo) [3]	*Cwt*	1,810	910	103	111	1,229	1,158	1,061	1,539
Small [3]	*Cwt*	1,700	690	63	48	1,505	914	149	149
Large [3]	*Cwt*	2,000	1,210	40	63	1,194	1,192	912	1,390
Other [3]	*Cwt*	1,400	1,300	28	30	1,771	1,845	3,120	2,683
Dry Edible Peas [3]	*Cwt*	1,900	1,580	9,785	9,322	1,828	1,493	14,003	13,203
Lentils [3]	*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 [4] [5]	*Cwt*	385	400	11,740	13,400				
Types, Reds [5]	*Cwt*	168	174	3,185	3,830				
Whites [5]	*Cwt*	175	185	4,550	5,550				
Russets [5]	*Cwt*	345	350	12,765	16,100				

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



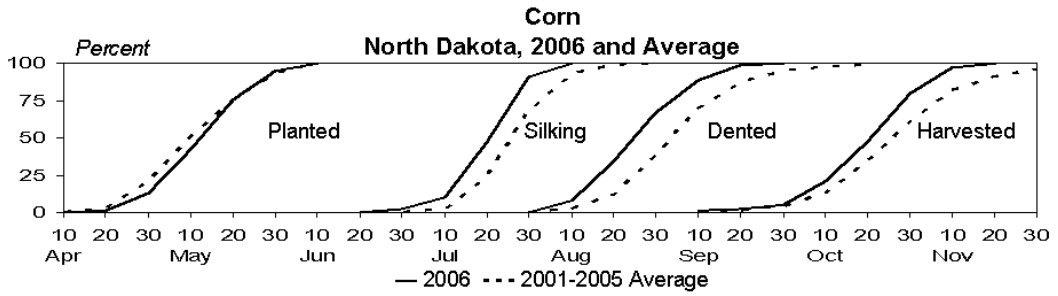


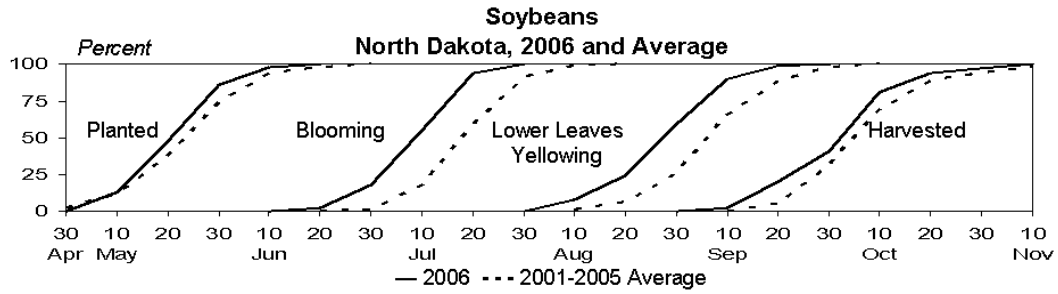
Percent Planted: North Dakota, 2006, 2005 and 5-Year Average (2001-2005)

Crop	Year	April			May			June	
		10	20	30	10	20	30	10	20
		Percent	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*
Spring Wheat	2006		7	32	60	87	97	100	
	2005	3	19	50	78	90	97	100	
	Average	3	12	32	54	77	92	99	100
Durum Wheat	2006		3	11	35	67	90	99	100
	2005	1	10	30	51	71	91	99	100
	Average	1	5	16	30	53	79	94	98
Oats	2006		10	27	63	88	98	100	
	2005	4	17	46	79	91	98	100	
	Average	1	8	28	54	78	94	99	100
Barley	2006		5	21	52	86	97	100	
	2005	1	13	41	74	88	97	100	
	Average	1	7	24	45	73	93	99	100
Flaxseed	2006			3	24	64	90	100	
	2005		2	16	48	66	90	99	100
	Average		1	8	26	56	84	96	99
Canola	2006		1	10	33	76	96	100	
	2005	1	8	26	57	78	92	99	100
	Average		4	16	41	72	92	98	100
Dry Edible Peas	2006		4	18	60	92	99	100	
	2005		12	45	79	93	100		

Percent Harvested: North Dakota, 2006, 2005 and 5-Year Average (2001-2005)

Crop	Year	July		August			September			October	
		20	30	10	20	30	10	20	30	10	20
		Percent	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*
Spring Wheat	2006	3	21	59	78	93	100				
	2005		2	24	53	78	95	99	100		
	Average		2	18	47	70	86	94	98	99	100
Durum Wheat	2006	1	6	24	54	79	96	100			
	2005		1	11	30	55	81	90	97	100	
	Average		1	6	23	46	70	83	91	96	98
Oats	2006	13	38	72	88	98	100				
	2005	1	7	36	72	90	99	100			
	Average		5	27	59	81	93	97	99	100	
Barley	2006	7	26	65	88	98	100				
	2005		5	46	79	91	99	100			
	Average		4	27	59	80	93	98	99	100	
Flaxseed	2006		2	7	16	48	84	94	99	100	
	2005			3	11	28	67	86	95	100	
	Average			2	10	29	56	74	86	95	97
Canola	2006		2	14	37	74	97	100	100		
	2005		1	9	25	52	85	95	99	100	
	Average			5	23	48	72	86	94	99	100
Dry Edible Peas	2006	12	38	81	97	100					
	2005		5	53	81	91	100				





Percent Planted: North Dakota, 2006, 2005 and 5-Year Average (2001-2005)

Crop	Year	April		May			June	
		20	30	10	20	30	10	20
		Percent	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*
	2006	1	13	42	76	95	100	
Corn	2005	5	20	65	78	95	99	100
	Average	3	21	51	76	93	100	
	2006			3	20	80	99	100
Dry Edible Beans	2005		1	4	14	46	79	92
	Average			2	12	52	89	97
	2006	1	9	32	75	94	100	
Potatoes	2005	2	16	44	62	77	94	100
	Average	2	11	32	59	81	96	100
	2006			13	48	86	98	100
Soybeans	2005			16	40	69	87	94
	Average		2	12	38	74	94	98
	2006	2	34	63	91	99	100	
Sugarbeets	2005	15	71	98	100			
	Average	10	45	72	90	98	100	
	2006			2	24	70	96	99
Sunflower	2005		1	4	20	59	85	96
	Average		1	2	15	53	87	97

Percent Harvested: North Dakota, 2006, 2005 and 5-Year Average (2001-2005)

Crop	Year	August		September			October			November		
		20	30	10	20	30	10	20	30	10	20	30
		Percent	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*
	2006			1	2	5	21	47	80	97	100	
Corn	2005					2	7	22	61	91	98	100
	Average				1	4	13	34	61	82	91	96
	2006	1	14	48	70	82	93	99	100			
Dry Edible Beans	2005		1	10	35	75	91	98	100			
	Average		1	13	34	61	85	94	96	99	100	
	2006	1	8	36	55	69	89	97	100			
Potatoes	2005		2	16	37	71	87	96	100			
	Average		2	12	32	61	89	98	100			
	2006			2	20	41	81	94	97	100		
Soybeans	2005				6	44	75	92	99	100		
	Average				5	32	69	89	94	98	100	
	2006		2	6	9	17	55	87	98	100		
Sugarbeets	2005			1	4	8	42	91	99	100		
	Average			1	4	15	63	96	99	100		
	2006				1	3	20	45	80	94	100	
Sunflower	2005					1	8	30	63	88	96	100
	Average					2	13	36	60	82	93	98