

Crops

FIELD CROPS

The 2006 crop year got off to a slow start due to wet weather conditions during the planting season. This weather slowed fieldwork and pushed planting progress behind average. Wet weather continued throughout most of the summer, making haying activities difficult but providing ample moisture for crops such as corn and soybeans. Harvest was a challenge.

Grain Corn

New York production is estimated at 61.9 million bushels, up 9 percent from last year. Area for harvest totaled 480,000 acres, up 4 percent from a year ago. Yield per acre was a record high 129 bushels, pushing production up 9 percent from last year. Production was valued at \$204 million, up 56 percent from 2005.

Silage Corn

Corn cut for silage totaled 8.28 million tons, a decrease of 6 percent from last year. Area for harvest decreased 12 percent to 460,000 acres. Yields are estimated at 18.0 tons per acre, the highest yield on record. Production was valued at \$2.28 million, unchanged from 2005.

Soybeans

The 2006 soybean crop was estimated at a record high 9.11 million bushels, 15 percent above last year's production. Area harvested, also a record high at 198,000 acres, was up 5 percent from a year ago. Yields averaged 46 bushels per acre, the highest yield on record. The value of the 2006 soybean crop was set at \$49.6 million, up 21 percent from the previous year.

Wheat

Production totaled 5.80 million bushels, up 13 percent from the previous year. Harvested acreage, at 95,000 acres, was the same as 2005. Winter wheat yields averaged 61 bushels per acre, up 7 bushel a year ago. Winter wheat was valued at \$20.0 million, up 17 percent from a year ago.

Oats

Production, at 4.96 million bushels, was up 22 percent from the previous year. Area harvested, at 67,000 acres, was down 11 percent from last year. The average yield, at a record high 74 bushels per acre, was up 20 bushels from a year ago. Oat production was valued at \$7.93 million, up 19 percent from 2005.

Barley

Production of barley in New York totaled 660,000 bushels, down 10 percent from a year earlier. Acreage harvested for grain totaled 12,000 acres, down 3,000 acres from 2005. The average yield per acre, at 55 bushels, was up 6 bushels from last year. Barley production was valued at \$1.29 million, down 3 percent from the 2005 value.

All Dry Hay

Production was 2.79 million tons, up 6 percent from last year's 2.63 million tons. Acreage harvested for dry hay during 2006 decreased 8 percent to 1.52 million acres. Yield, at 1.84 tons per acre, was 16 percent above a year ago. Value of production, at \$314 million, was up 11 percent from a year ago.

Alfalfa Dry Hay

New York production of alfalfa dry hay was estimated at 777,000 tons, down 18 percent from last year's crop of 945,000 million tons. Area harvested, at 350,000 acres, was 18 percent below last year. Yields averaged 2.10 tons per acre, the same as last year. Alfalfa dry hay production was valued at \$113 million, down 9 percent from the 2005 value of \$124 million.

Forage

Forage production is the sum of all dry hay and haylage/greenchop production after converting the haylage/greenchop to a dry equivalent basis. New York's acres harvested at 1,950 are down from last year's by 15 percent. The average yield, at 2.56 tons per acre, is up from the previous year's 2.09 tons. Production at 4,996 tons is up 5 percent from a year ago.

Potatoes

Production totaled 5.70 million hundredweight (cwt.), up 9 percent from the 5.23 million cwt. produced in 2005. Harvested acreage totaled 19,000 acres, down 1,100 acres from last year. Yields averaged 300 cwt. per acre, up 15 cwt. from a year ago. The value of potatoes, at \$70.7 million, was up 11 percent from 2005.

Dry Beans

Production totaled 239,000 cwt., down 15 percent from 2005. Acres harvested totaled 18,000 acres, down 5,000 acres from a year earlier. The average yield, at 1,330 pounds per acre, was up 100 cwt. from last year. Dry beans were valued at \$5.98 million, down 1 percent from the 2005 value of \$6.04 million.



2006 CROP SUMMARY



April

Field work got off to a good start as the snow melted and dry weather continued. Oat and corn plantings got underway. Fruit growers were finishing up their pruning and fertilizing in orchards. A late frost at the end of the month damaged fruit trees and grape vines.

May

The first two weeks were dry and allowed for the spring planting to progress, but the last two weeks of the month were marked by frequent rainfalls that hindered the finishing of the planting. Blueberries and strawberries were in full bloom by the end of the month, and the first cutting of hay occurred in some parts of the state.

June

Wet weather continued to slow plantings and the crops that were planted began to suffer from too much rain. The rain continued off and on making it rough to harvest dry hay. Dry beans were 67% planted and corn planting was finished by the end of the month.

July

Rainfall continued into July as several areas of the state developed flooding problems. Dry hay harvesting proved to be a problem but the yields were up for the winter wheat and oats that were gathered. There were some areas with first cutting hay that was still standing. Tomato, onion, and snap bean harvesting started.

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August

Dry weather prevailed throughout the month which allowed farmers to catch up on their harvesting, but by the end of the month several areas of the state needed some rain. The winter wheat and oats were harvested this month. Half of the potato, sweet corn, and onion crops were harvested. Two-thirds of the snap beans were also picked this month. The apple harvest had also begun.

September

Farmers saw some much needed rain in September, but this slowed the progress on harvesting the crops. This month also saw the first frost of the season. During the month, most of the tomato, onion, sweet corn, and snap bean crops were done being harvested. The apples, potatoes, and silage corn harvest advanced to one-half complete. Honey producers harvested most of their product by the middle of the month, and grape harvesting had begun for several varieties.

October

As farmers finished up the fall harvest, the Buffalo region received the first snow of the year. There was still some dry hay being harvested in parts of the state, and the grain corn harvest began. The potato, silage, and apple harvest was nearly completed by the end of the month.



Table 7. **FIELD CROPS:** Acres, Yield, Production, and Value, New York, 1997-2006

Crop and Year	Planted	Harvested	Yield per acre	Production	Marketing year average price	Value of production
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Bushels</i>	<i>1,000 bushels</i>	<i>Dollars per bu.</i>	<i>1,000 dollars</i>
WHEAT						
1997	135	130	56.0	7,280	3.35	24,388
1998	140	130	54.0	7,020	2.13	14,953
1999	130	125	65.0	8,125	2.05	16,656
2000	150	140	53.0	7,420	1.94	14,395
2001	125	120	53.0	6,360	2.64	16,790
2002	120	118	58.0	6,844	3.28	22,448
2003	130	120	53.0	6,360	2.85	15,455
2004	105	100	53.0	5,300	2.80	14,840
2005	100	95	54.0	5,130	3.34	17,134
2006	105	95	61.0	5,795	3.45	19,993
OATS						
1997	100	90	65.0	5,850	1.70	9,945
1998	115	105	62.0	6,510	1.41	9,179
1999	100	70	68.0	4,760	1.45	6,902
2000	80	60	65.0	3,900	1.40	5,460
2001	95	80	69.0	5,520	1.62	8,942
2002	75	65	64.0	4,160	1.92	7,987
2003	85	70	63.0	4,410	1.81	7,982
2004	65	50	65.0	3,250	1.80	5,850
2005	95	75	54.0	4,050	1.64	6,642
2006	85	67	74.0	4,058	1.60	7,933
RYE						
1997	40	7	33.0	231	2.10	485
1998	50	15	35.0	525	2.00	1,050
1999	45	15	38.0	570	1.50	855
2000	40	7	40.0	280	2.00	560
2001	35	7	27.0	189	2.00	378
2002	40	10	32.0	320	2.00	640
2003	35	8	33.0	264	2.00	688
2004	30	8	43.0	344	2.00	774
2005	30	10	30.0	300	2.00	600
2006	40	10	29.0	290	2.00	580
BARLEY						
1997	16	13	54.0	702	2.00	1,404
1998	18	16	50.0	800	1.30	1,040
1999	19	17	57.0	969	1.35	1,308
2000	12	10	58.0	580	1.65	957
2001	15	12	51.0	612	1.60	979
2002	11	10	47.0	470	1.96	921
2003	15	13	50.0	650	2.09	1,359
2004	14	10	53.0	530	2.05	1,087
2005	17	15	49.0	735	1.80	1,323
2006	17	12	55.0	660	1.95	1,287

Table 7. **FIELD CROPS:** Acres, Yield, Production, and Value, New York, 1997-2006 (*Continued*)

Crop and Year	Planted ^{1/}	Harvested	Yield per acre	Production	Marketing year average price	Value of production
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Bushels</i>	<i>1,000 bushels</i>	<i>Dollars per bu.</i>	<i>1,000 dollars</i>
SOYBEANS						
1997	105	102	37.0	3,774	6.00	22,644
1998	100	97	41.0	3,977	5.10	20,283
1999	130	128	37.0	4,736	4.20	19,891
2000	135	132	33.0	4,356	4.55	19,820
2001	160	158	33.0	5,214	4.55	23,724
2002	145	144	32.0	4,608	5.85	26,957
2003	140	138	35.0	4,830	7.80	37,674
2004	175	172	39.0	6,708	5.40	36,223
2005	190	188	42.0	7,896	5.20	41,059
2006	200	198	46.0	9,108	5.45	49,639
CORN FOR GRAIN						
1997	1,170	600	110.0	66,000	2.62	172,920
1998	1,130	580	114.0	66,120	2.21	146,125
1999	1,150	590	101.0	59,590	2.24	133,482
2000	980	450	98.0	44,100	2.35	103,635
2001	1,030	540	105.0	56,700	2.51	142,317
2002	1,020	460	97.0	44,620	2.87	128,059
2003	1,000	440	121.0	53,240	2.82	150,137
2004	980	500	122.0	61,000	2.37	144,570
2005	990	460	124.0	57,040	2.29	130,622
2006	950	480	129.0	61,920	3.30	204,336
CORN SILAGE						
			<i>Tons</i>	<i>1,000 tons</i>	<i>Dollars per ton</i>	
1997	-	560	15.0	8,400	34.40	288,960
1998	-	550	16.0	8,800	25.30	222,640
1999	-	560	16.0	8,960	25.90	232,064
2000	-	530	14.0	7,420	25.60	189,952
2001	-	485	16.0	7,760	26.40	204,864
2002	-	550	14.0	7,700	25.70	197,890
2003	-	550	17.5	9,625	26.20	252,175
2004	-	470	17.0	7,990	26.00	207,740
2005	-	520	17.0	8,840	25.70	227,188
2006	-	460	18.0	8,280	27.50	227,700
DRY BEANS ^{2/}						
			<i>Lbs.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	
1997	44.0	43.5	1,560	679	20.60	13,987
1998	31.0	30.0	1,420	426	25.30	10,778
1999	31.0	30.2	1,370	414	19.40	8,032
2000	25.0	24.5	1,460	358	18.80	6,730
2001	23.0	22.3	870	194	24.70	4,792
2002	25.0	24.5	1,360	333	22.20	7,393
2003	25.0	24.0	1,860	446	22.60	10,080
2004	24.0	23.5	1,050	247	27.90	6,891
2005	25.0	23.0	1,230	282	21.40	6,035
2006	19.0	18.0	1,330	239	25.00	5,975

^{1/} Complete utilization of corn acreage planted is shown on page 22. Corn planted acreage includes corn for grain, silage, forage, and abandoned acres.

^{2/} Production by major varieties is shown on page 21.

Table 7. **FIELD CROPS:** Acres, Yield, Production, and Value, New York, 1997-2006 (*Continued*)

Crop and Year	Planted	Harvested	Yield per acre	Production	Marketing year average price	Value of production
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Tons</i>	<i>1,000 tons</i>	<i>Dollars per ton</i>	<i>1,000 dollars</i>
ALFALFA HAY						
1997	-	640	2.60	1,664	110.00	183,040
1998	-	600	2.45	1,470	105.00	154,350
1999	-	550	2.30	1,265	121.00	153,065
2000	-	450	2.40	1,080	119.00	128,520
2001	-	570	2.80	1,596	119.00	189,924
2002	-	610	2.50	1,525	128.00	195,200
2003	-	600	2.80	1,680	132.00	221,760
2004	-	470	2.80	1,316	139.00	182,924
2005	-	450	2.10	945	131.00	123,745
2006	-	370	2.10	777	145.00	112,665
OTHER HAY						
1997	-	890	2.00	1,780	80.50	143,290
1998	-	800	2.05	1,640	82.00	134,480
1999	-	950	1.80	1,710	90.50	154,755
2000	-	1,050	1.90	1,995	93.50	186,533
2001	-	1,100	1.80	1,980	84.50	167,310
2002	-	1,100	1.90	2,090	87.50	182,875
2003	-	1,250	1.60	2,000	98.00	196,000
2004	-	800	2.00	1,600	89.00	142,400
2005	-	1,200	1.40	1,680	95.50	160,440
2006	-	1,150	1.75	2,013	100.00	201,300
ALL HAY ^{1/}						
1997	-	1,530	2.25	3,444	94.00	326,330
1998	-	1,400	2.22	3,110	93.00	288,830
1999	-	1,500	1.98	2,975	108.00	307,820
2000	-	1,500	2.05	3,075	103.00	315,053
2001	-	1,670	2.14	3,576	104.00	357,234
2002	-	1,710	2.11	3,615	106.00	378,075
2003	-	1,850	1.99	3,680	113.00	417,760
2004	-	1,270	2.30	2,916	115.00	325,324
2005	-	1,650	1.59	2,625	110.00	284,235
2006	-	1,520	1.84	2,790	125.00	313,965

^{1/} All hay price is based on weighted sales, not production.



Table 7. FIELD CROPS: Acres, Yield, and Production, New York, 2000-2006 ^{1/}

Crop and Year	Harvested	Yield per acre	Production
	<i>1,000 acres</i>	<i>Tons</i>	<i>1,000 tons</i>
ALL FORAGE			
2000	1,940	2.50	4,858
2001	2,050	2.73	5,587
2002	2,120	2.59	5,487
2003	2,310	2.61	6,027
2004	1,680	2.92	4,904
2005	2,280	2.09	4,774
2006	1,950	2.56	4,996
ALFALFA FORAGE			
2000	710	3.24	2,300
2001	900	3.55	3,192
2002	900	3.11	2,798
2003	950	3.73	3,539
2004	700	3.56	2,492
2005	750	3.11	2,329
2006	610	3.31	2,021
ALL HAYLAGE & GREENCHOP			
2000	610	5.83	3,559
2001	650	6.35	4,125
2002	660	5.40	3,564
2003	660	7.19	4,748
2004	650	6.19	4,023
2005	830	5.24	4,348
2006	700	6.38	4,463
ALFALFA HAYLAGE & GREENCHOP			
2000	390	6.00	2,613
2001	450	7.30	3,285
2002	510	5.90	3,009
2003	470	8.00	3,760
2004	340	7.00	2,380
2005	400	7.00	2,800
2006	370	6.80	2,516

^{1/} Estimates began in 2000.

Table 8. **POTATOES:** Acreage, Yield, Production, and Disposition, Sales, and Value,
New York, 1997-2006

Crop Year	Planted	Harvested	Yield per acre	Production	Used on farms where grown ^{1/}	Sold	Marketing year average price	Value	
								Production	Sales
	<i>Acres</i>	<i>Acres</i>	<i>Cwt.</i>	<i>-----1,000 cwt.-----</i>		<i>Dollars per cwt.</i>		<i>1,000 dollars</i>	
1997	26,500	26,000	275	7,150	454	6,696	8.75	62,563	58,590
1998	27,600	27,000	270	7,290	440	6,850	9.35	68,162	64,048
1999	26,000	25,500	265	6,758	418	6,340	9.00	60,822	57,060
2000	22,000	21,300	280	5,964	514	5,450	8.70	51,887	47,415
2001	23,500	23,300	255	5,942	602	5,340	9.90	58,826	52,866
2002	22,500	22,000	250	5,500	450	5,050	11.80	64,900	59,590
2003	22,200	21,700	300	6,510	620	5,890	9.65	62,822	56,839
2004	20,000	19,200	270	5,184	513	4,571	8.25	42,768	37,711
2005	20,500	20,100	260	5,226	491	4,635	12.20	63,757	56,547
2006	20,600	19,000	300	5,700	<u>2/</u>	<u>2/</u>	12.40	70,680	<u>2/</u>

^{1/} Includes feed and seed used on farms where produced and shrinkage during storage.

^{2/} Available September 20, 2007.

Table 9. **POTATOES:** Stocks Held by Growers and Local Dealers,
New York, 1997-2006 ^{1/}

Crop Year	December 1	January 1	February 1	March 1	April 1
	<i>1,000 cwt.</i>				
1997	3,600	2,500	1,500	800	400
1998	3,400	2,300	1,500	800	350
1999	3,500	2,500	1,800	1,300	700
2000	2,600	1,900	1,400	1,000	400
2001	2,400	1,500	1,000	600	300
2002	2,400	1,800	1,100	600	220
2003	2,700	1,600	1,100	700	300
2004	2,300	1,600	1,200	700	300
2005	2,900	2,200	1,700	1,200	500
2006	2,800	1,900	1,100	800	400

^{1/} Total stocks consist of production less total disappearance to date. Disappearance includes all sales for all purposes, all potatoes eaten or fed on farms where produced and all losses to date through shrinkage, decay, dumping, etc.

Table 10. **DRY BEANS:** Acreage, Yield, Production, and Off-Farm Stocks, by Class, New York, 1997-2006

Crop Year	Acres		Yield per acre	Production	
	Planted	Harvested			
	<i>1,000 acres</i>		<i>Pounds</i>	<i>1,000 cwt.</i>	
RED KIDNEY					
Light	1997	25.0	24.5	1,580	387
	1998	16.0	15.5	1,350	209
	1999	17.7	17.5	1,290	225
	2000	15.0	14.6	1,430	209
	2001	13.3	13.1	850	112
	2002	15.0	14.7	1,300	191
	2003	14.1	13.4	1,890	253
	2004	12.0	11.6	1,100	128
	2005	13.0	12.2	1,100	134
	2006	7.0	6.6	1,330	88
Dark	1997	2.0	2.0	1,650	33
	1998	2.0	2.0	1,600	32
	1999	2.0	2.0	1,350	27
	2000	1.9	1.8	1,280	23
	2001	1.2	1.2	830	10
	2002	2.0	2.0	1,350	27
	2003	1.1	1.1	1,820	20
	2004	1.5	1.5	1,000	15
	2005	1.5	1.2	830	10
	2006	2.0	1.9	780	15
BLACK TURTLE					
	1997	13.0	13.0	1,530	199
	1998	10.5	10.0	1,470	147
	1999	9.5	9.0	1,570	141
	2000	5.2	5.2	1,500	78
	2001	6.7	6.3	940	59
	2002	6.0	5.8	1,570	91
	2003	8.2	7.9	1,800	142
	2004	9.0	8.9	1,040	93
	2005	9.0	8.5	1,510	128
	2006	9.0	8.6	1,470	126
OTHER CLASSES					
	1997	4.0	4.0	1,500	60
	1998	2.5	2.5	1,520	38
	1999	1.8	1.7	1,240	21
	2000	2.9	2.9	1,660	48
	2001	1.8	1.7	760	13
	2002	2.0	2.0	1,200	24
	2003	1.6	1.6	1,940	31
	2004	1.5	1.5	730	11
	2005	1.5	1.1	910	10
	2006	1.0	.9	1,100	10
ALL CLASSES					
	1997	44.0	43.5	1,560	679
	1998	31.0	30.0	1,420	426
	1999	31.0	30.2	1,370	414
	2000	25.0	24.5	1,460	358
	2001	23.0	22.3	870	194
	2002	25.0	24.5	1,360	333
	2003	25.0	24.0	1,860	446
	2004	24.0	23.5	1,050	247
	2005	25.0	23.0	1,230	282
	2006	19.0	18.0	1,330	239

Table 11. **CORN:** Acreage Utilization, New York, 1997-2006

Crop Year	Total acres planted	Acres harvested for					
		All Grain	Dry Shelled	High Moisture Shelled	High Moisture Ground Ear	Silage	Forage and abandoned
		<i>1,000 acres</i>					
1997	1,170	600	450	120	30	560	10
1998	1,130	580	435	115	30	550	0
1999	1,150	590	460	105	25	560	0
2000	980	450	360	80	10	530	0
2001	1,030	540	405	115	20	485	5
2002	1,020	460	350	90	20	550	10
2003	1,000	440	340	85	15	550	10
2004	980	500	380	95	25	470	10
2005	990	460	360	90	10	520	10
2006	950	480	390	80	10	460	10

Table 12. **HAY:** Stocks on Farms, New York, 1997-2006

Crop Year	Total production	Stocks Following Harvest			
		December 1		May 1	
		Stocks	Percent of production	Stocks	Percent of production
	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>Percent</i>	<i>1,000 tons</i>	<i>Percent</i>
1997	3,444	1,998	58	344	10
1998	3,110	1,990	64	435	14
1999	2,975	1,900	64	385	13
2000	3,075	2,280	74	625	20
2001	3,576	2,250	63	600	17
2002	3,615	2,236	62	520	14
2003	3,680	2,430	66	552	15
2004	2,916	1,895	65	440	15
2005	2,625	1,650	62	285	11
2006	2,790	1,451	52	326	12

NEW YORK FEED GRAIN DEFICIT IN 2006

New York feed grain production (*corn, oats, barley and soybeans*) in 2006 was 10 percent above production in 2005, and 13 percent above the 10 year average. The quantity of grain fed during 2006 was slightly higher than 2005 and was 1 percent below the 10 year average. The increase in grain production from a year earlier is primarily due to a record high yield for corn. Oats, barley, and soybeans all had increases in yields from the previous years.

Feed grain produced in 2006 met 92 percent of the State's feeding requirements. The feed grain deficit fluctuates widely depending primarily on the level of corn produced. Over the past ten years, New York farmers have produced on average 80 percent of the feed needed for the dairy, livestock, and poultry industries in the state.

Table 13. **FEED GRAIN DEFICIT:** New York, 1997-2006

Year	Quantity Produced	Quantity Fed	Quantity of Deficit
	<i>1,000 tons</i>		
1997	2,073	2,367	294
1998	2,095	2,328	233
1999	1,911	2,278	367
2000	1,442	2,378	936
2001	1,848	2,310	462
2002	1,466	2,323	857
2003	1,723	2,270	548
2004	1,975	2,276	301
2005	1,917	2,281	363
2006	2,103	2,287	184