

Crops

FIELD CROPS



The 2008 crop year got off to a rapid start due to dry weather conditions during the planting season. Wet weather during the growing season hindered dry hay harvest, but helped in setting several record high crop yields.

Grain Corn

New York production was estimated at 92.2 million bushels, up 31 percent from last year. Area for harvest totaled 640,000 acres, up 16 percent from a year ago. Yield per acre was a record high 144 bushels per acre up 16 bushels from last year. Production was valued at \$396 million, up 12 percent from 2007.

Silage Corn

Corn cut for silage totaled 8.90 million tons, an increase of 4 percent from last year. Area for harvest decreased 12 percent to 445,000 acres. Yields were estimated at a record high 20.0 tons per acre. Production was valued at \$352 million, up 30 percent from 2007.

Soybeans

The 2007 soybean crop was estimated at a record high 10.4 million bushels, 31 percent above last year's production. Area harvested, a record high at 226,000 acres, was up 11 percent from a year ago. Yields increased by 7 bushels per acre from the 2007

crop to average 46 bushels per acre tying the record set in 2006. The value of the 2008 soybean crop was set at \$85.8 million, down 3 percent from the previous year.

Wheat

Production totaled 7.69 million bushel, up 71 percent from the previous year. Harvested acreage, at 122,000 acres, was up 44 percent from 2007. Winter wheat yields averaged 63 bushels per acre, up 10 bushels from a year ago. Winter wheat was valued at \$50.0 million, up 60 percent from a year ago.

Oats

Production, at 4.22 million bushels, was up 21 percent from the previous year. Area harvested, at 64,000 acres was up 6 percent from last year. The average yield, at 66 bushels per acre, was up 8 bushels from a year ago. Oat production was valued at \$12.0 million, up 29 percent from 2007.

Barley

Production of barley in New York totaled 468,000 bushels down 13 percent from a year earlier. Acreage harvested for grain totaled 9,000 acres, down 2,000 acres from 2007. The average yield per acre, at 52 bushels, was up 3 bushels from last year. Barley production was valued at \$2.22 million, up 49 percent from the 2007 value.

All Dry Hay

Production was 2.69 million tons, down slightly from last year's 2.70 million tons. Acreage harvested for dry hay during 2008 decreased 3 percent to 1.32 million acres. Yield, at 2.04 tons per acre, was 3 percent above a year ago. Value of production, at \$363 million, was up 10 percent from a year ago.

Alfalfa Dry Hay

New York production of alfalfa dry hay was estimated at 945 thousand tons, down 6 percent from last year's crop of 1.01 million tons. Area harvested, at 350,000 acres was 17 percent below last year. Yields averaged 2.70 tons per acre, up 13 percent from last year. Alfalfa dry hay production was valued at \$169 million, up 12 percent from the 2007 value of \$151 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 1,830 were down from last year's by 1 percent. The average yield at 2.73 tons per acre was up from the previous year's 2.64 tons. Production at 4.99 million tons was up 2 percent from a year ago.

Potatoes

Production totaled 5.70 million hundredweight (cwt.), up 9 percent from the 5.21 million cwt. produced in 2007. Harvested acreage totaled a record low 17,800 down 500 acres from last year. Yields averaged a record high 320 cwt. per acre, up 35 cwt. from a year ago. The value of potatoes, at \$94.6 million, was up 54 percent from 2007.

Dry Beans

Production totaled 324,000 cwt., up 31 percent from 2007. Acres harvested totaled 16,800 acres, up 300 acres from a year earlier. The average yield, at 1,930 pounds per acre was a record high, was up 430 lbs. from last year. Dry beans were valued at \$20.1 million, up 97 percent from the 2007 value of \$10.2 million.

2008 CROP SUMMARY



April

Dry, warm spring weather accelerated planting activities. Field preparation and manure spreading was underway. Half of the oats were planted and corn was beginning to be sewn by month's end.

May

Cool, dry weather conditions helped to push planting progress forward. Frost from the early part of the month affected fruit trees, grapes, and strawberries. Corn, oats, potatoes, and soybeans all finished the month ahead of the five year average. By the end of the month some dry hay was beginning to be cut.

June

Most field crops were planted, ahead of schedule. Rainstorms during the month hindered dry hay harvest, but promoted the growth of field crops. The third week of the month a hailstorm moved through the state. Several counties reported damaged fruit trees, and berries.

July

Dry bean plantings were finally finished after being slowed due to the wet weather in June. Several counties reported first cuttings of hay were still

being harvested. Another hail storm moved through the state damaging some crops. Rain delayed small grain harvesting. Potatoes harvest got underway.

August

Wheat harvest continued between rainstorms, and oat harvest began. All the rain had the corn looking good and helped to fill soybean pods. Another hail storm passed through mid-month. Dry hay harvest continued to be hindered by the rain, as did the potato harvest which finished the month behind the average.

September

The wet weather finally abated, which allowed farmers to catch up on dry hay harvest. Winter wheat harvest concluded, as did oat harvest. Dry bean, corn silage, and soybean harvesting began. A high wind storm in Jefferson County laid the corn crop on the ground, slowing the harvest to a crawl.

October

Early part of October saw the first widespread killing frost which ended this years growing season. Corn for grain harvest got underway and winter wheat seeding began in parts of the state. Apple and grape harvest progressed ahead of normal.

Table 8. **FIELD CROPS:** Acres, Yield, Production, and Value, New York, 1999-2008

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						
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	4.03	23,354
2007	100	85	53.0	4,505	6.92	31,175
2008	130	122	63.0	7,686	6.50	49,959
OATS						
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	4,958	1.67	8,280
2007	100	60	58.0	3,480	2.69	9,361
2008	80	64	66.0	4,224	2.85	12,038
RYE						
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
2007	30	6	30.0	180	2.00	360
2008 ^{1/}	NA	NA	NA	NA	NA	NA
BARLEY						
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	1.79	1,181
2007	13	11	49.0	539	2.76	1,488
2008	13	9	52.0	468	4.75	2,233

^{1/} No longer available.

Table 8. FIELD CROPS: Acres, Yield, Production, and Value, New York, 1999-2008 (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						
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	6.19	56,379
2007	205	203	39.0	7,917	11.20	88,670
2008	230	226	46.0	10,396	8.25	85,767
CORN FOR GRAIN						
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	3.42	211,766
2007	1,060	550	128.0	70,400	5.05	355,520
2008	1,090	640	144.0	92,160	4.30	396,288
CORN SILAGE						
			<i>Tons</i>	<i>1,000 tons</i>	<i>Dollars per ton</i>	
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
2007	-	505	17.0	8,585	31.60	271,286
2008	-	445	20.0	8,900	39.60	352,440
DRY BEANS ^{2/}						
			<i>Lbs.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	
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	1,300	306	27.90	8,537
2005	25.0	23.0	1,350	311	21.40	6,655
2006	19.0	18.0	1,450	261	25.90	6,760
2007	17.0	16.5	1,500	248	41.20	10,218
2008	17.0	16.8	1,930	324	62.00	20,088

^{1/} Complete utilization of corn acreage planted is shown on page 21. Corn planted acreage includes corn for grain, silage, forage, and abandoned acres.

^{2/} Production by major varieties is shown on page 20.



Table 8. **FIELD CROPS: Acres, Yield, Production, and Value, New York, 1999-2008** (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						
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	123,795
2006	-	370	2.10	777	146.00	113,442
2007	-	420	2.40	1,008	150.00	151,200
2008	-	350	2.70	945	179.00	169,155
OTHER HAY						
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	95.00	160,440
2006	-	1,150	1.75	2,013	101.00	203,313
2007	-	940	1.80	1,692	106.00	179,352
2008	-	970	1.80	1,746	111.00	193,806
ALL HAY ^{1/}						
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	113.00	316,755
2007	-	1,360	1.99	2,700	122.00	330,552
2008	-	1,320	2.04	2,691	135.00	362,961

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

Table 8. **FIELD CROPS:** Acres, Yield, and Production, New York, 2000-2008 ^{1/}

Crop and Year	Harvested	Yield per acre	Production
	<i>1,000 acres</i>	<i>Tons</i>	<i>1,000 tons</i>
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
2007	700	3.63	2,543
2008	690	3.86	2,664
ALL FORAGE			
2000	1,940	2.50	4,858
2001	2,050	2.73	5,587
2002	2,120	2.59	5,488
2003	2,310	2.61	6,027
2004	1,680	2.92	4,904
2005	2,280	2.09	4,774
2006	1,990	2.51	4,996
2007	1,850	2.64	4,892
2008	1,830	2.73	4,990
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
2007	450	6.90	3,105
2008	470	7.40	3,478
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
2007	700	6.33	4,430
2008	700	6.64	4,651

^{1/} Estimates began in 2000. Forage production is the sum of all dry hay production and haylage/greenchop production after converting the haylage/greenchop production to a dry equivalent basis.

Table 9. **POTATOES:** Acreage, Yield, Production, and Disposition, Sales, and Value,
New York, 1999-2008

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>	
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	9.75	63,473	57,363
2004	20,000	19,200	270	5,184	613	4,571	8.25	42,768	37,657
2005	20,500	20,100	260	5,226	591	4,635	12.30	64,280	56,803
2006	20,600	19,000	300	5,700	580	5,120	12.00	68,400	61,584
2007	19,000	18,300	285	5,216	464	4,752	11.80	61,543	55,906
2008	18,000	17,800	320	5,696	<u>2/</u>	<u>2/</u>	16.60	94,554	<u>2/</u>

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

^{2/} Available September 24, 2009.

Table 10. **POTATOES:** Stocks Held by Growers and Local Dealers,
New York, 1999-2008 ^{1/}

Crop Year	December 1	January 1	February 1	March 1	April 1
	<i>1,000 cwt.</i>				
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	3,000	2,200	1,400	1,000	500
2007	2,900	2,100	1,600	1,200	500
2008	2,600	1,800	1,200	800	450

^{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 11. **DRY BEANS:** Acreage, Yield, Production, and Off-Farm Stocks, by Class, New York, 1999-2008

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				
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	1,450	96
2007	7.5	7.3	1,300	95
2008	7.2	7.0	2,010	141
Dark				
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	840	16
2007	1.5	1.4	1,570	22
2008	1.7	1.7	2,290	39
BLACK TURTLE				
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	1,600	138
2007	7.0	6.9	1,650	114
2008	7.4	7.4	1,800	133
OTHER CLASSES				
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	1,220	11
2007	1.0	.9	1,890	17
2008	.7	.7	1,570	11
ALL CLASSES				
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	1,450	261
2007	17.0	16.5	1,500	248
2008	17.0	16.8	1,930	324

Table 12. **CORN:** Acreage Utilization, New York, 1999-2008

Crop Year	Total acres planted	Acres harvested for					Forage and abandoned
		All Grain	Dry Shelled	High Moisture Shelled	High Moisture Ground Ear	Silage	
		<i>1,000 acres</i>					
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
2007	1,060	550	470	70	10	505	5
2008	1,090	640	510	120	10	445	5

Table 13. **HAY:** Stocks on Farms, New York, 1999-2008

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>
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
2007	2,700	1,674	62	283	10
2008	2,691	1,453	54	420	16

* May of following year.

NEW YORK FEED GRAIN IN 2008

New York feed grain production (corn, oats, barley and soybeans) in 2008 was 23 percent above production in 2007, and 34 percent above the 10 year average. The increase in grain production from a year earlier is primarily due to increased corn and soybean production.

Feed grain produced in 2008 met 155 percent of the State's feeding requirements. Over the past ten years, New York farmers have produced on average 100 percent of the feed needed for the dairy, livestock and poultry industries in the state. Due to a change in methodology in 2008 previous published annual bulletin feed grain tables are not comparable. All data listed in this publication use the current methodology.

Table 14. **FEED GRAIN:** New York, 1999-2008

Year	Quantity Produced	Quantity Fed	Quantity of Deficit/Surplus*
		<i>1,000 tons</i>	
1999	1,911	2,056	(146)
2000	1,442	2,049	(607)
2001	1,848	1,982	(134)
2002	1,466	2,000	(534)
2003	1,723	1,954	(231)
2004	1,975	1,952	22
2005	1,917	1,958	(41)
2006	2,103	1,946	157
2007	2,278	1,882	396
2008	2,973	1,915	1,058

* Deficit in parenthesis.