

CROPS



"Corn From Below"
Photographer ~~ Susan Reed
Age 11, Crown Point, IN

"Looking in the Grain"
Photographer ~~ Andrew Clevenger
Age 12, Indianapolis, IN



CROP HIGHLIGHTS
CROP SUMMARY
ROW SPACING

RECORD HIGHS & LOWS
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CROP HIGHLIGHTS

ACREAGE: Indiana's five major field crops totaled 12.2 million acres for harvest during 2007, down one percent from the 2006 harvested acreage. Corn acreage for harvest was 18 percent above a year ago, while soybean acreage for harvest decreased 18 percent. Winter wheat harvested acreage was down 20 percent from a year ago, but all hay harvested acreage was up two percent from the 2006 level. Oat acreage for harvest decreased 43 percent from 2006. Other crops showing harvested acreage changes were processing tomatoes up 8 percent, snap beans for processing and cucumbers for processing both down 6 percent and popcorn up 44 percent. In addition, cantaloupe and sweet corn for fresh market harvested acreage both increased 4 percent from 2006.

YIELDS: The 2007 growing season began with a hard freeze in early April that damaged the winter wheat, hay, berry and fruit crops. Cool, wet soil conditions slowed planting progress throughout April. However, by May 13th, 78 percent of the corn acreage and 39 percent of the soybean acreage had been planted. By this time, planting progress was running ahead of the 5 year average pace for both crops. By May 27th, 99 percent of the corn acreage was planted and 89 percent of the soybean acreage was planted. Soils began to dry out in late May and progressively got drier. By June 17th, 86 percent of the topsoil was rated short or very short. Soils remained dry throughout the summer especially in many eastern, central and southern portions of the state. Hay and wheat yields suffered due to the hot, dry summer weather. Harvest of corn and soybeans began the first week

of September and ran ahead of the 5-year average pace until most of the crop was harvested by early November. The average yield for corn was 155 bushels per acre, 2 bushels below the 2006 yield, but the 4th highest on record. The average yield for soybeans was 45 bushels per acre, 5 bushels below the 2006 yield of 50 bushels per acre. The average yield for winter wheat at 57 bushels per acre was 12 bushels below the previous year's yield of 69 bushels per acre. The average oat yield at 55 bushels per acre was down 25 bushels from last year's record yield of 80 bushels per acre. All hay yield at 2.34 tons per acre was 1.05 tons lower than the 2006 yield. Popcorn averaged 4,200 pounds per acre, up 100 pounds from the 4,100 pounds per acre produced a year earlier.

PRODUCTION: Corn produced during 2007 was 987.4 million bushels, 17 percent above the 2006 level of 844.7 million bushels. Soybean production was 210.6 million bushels, 26 percent below the 284.0 million bushels produced a year earlier. Winter wheat production decreased 34 percent from a year earlier, to 21.1 million bushels. Popcorn production totaled 289.8 million pounds, 47 percent above the 2006 level. Oat production of 440 thousand bushels was 61 percent below the 1.1 million bushels produced in 2006. All hay production, at 1.5 million tons, decreased 30 percent. Peppermint production decreased 39 percent, and spearmint production decreased 13 percent from 2006. Apple production decreased 40 percent to 33.0 million pounds. Blueberry production totaled 1.6 million pounds, a 53 percent decrease from the previous year.

"Bobby's Corn"
Photographer ~~ Brandon Suttles
Age 20, Connersville, IN



RECORD HIGHS & LOWS

CROPS: RECORD HIGHS & LOWS ACREAGE, YIELD & PRODUCTION, INDIANA

Crop	Unit	Record High ^{1/}		Record Low ^{1/}		Year Series Began
		Quantity	Year	Quantity	Year	
<u>Corn for Grain</u>						
Harvested Acreage	Acres	6,370,000	2007	1,950,000	1866	1866
Yield Per Acre	Bushels	168.0	2004	22.0	1901	
Total Production	Bushels	987,350,000	2007	52,275,000	1869	
<u>Corn for Silage</u>						
Harvested Acreage	Acres	239,000	1974	51,000	1943	1919
Yield Per Acre	Tons	21.0	2006	5.5	1936	
Total Production	Tons	3,045,000	1976	408,000	1943	
<u>Soybeans</u>						
Harvested Acreage	Acres	5,770,000	2002	40,000	1925	1924
Yield Per Acre	Bushels	51.5	2004	9.9	1924	
Total Production	Bushels	284,280,000	2004	400,000	1925	
<u>Winter Wheat</u>						
Harvested Acreage	Acres	2,788,000	1919	310,000	2002	1909
Yield Per Acre	Bushels	72.0	2005	8.0	1912	
Total Production	Bushels	61,600,000	1975	9,975,000	1928	
<u>Oats</u>						
Harvested Acreage	Acres	2,337,000	1928	8,000	2007	1866
Yield Per Acre	Bushels	80.0	2006	15.5	1934	
Total Production	Bushels	86,469,000	1928	440,000	2007	
<u>Rye</u>						
Harvested Acreage	Acres	450,000	1918	2,000	1999	1866
Yield Per Acre	Bushels	38.0	1998	8.5	1896	
Total Production	Bushels	6,750,000	1918	44,000	1996	
<u>All Hay</u>						
Harvested Acreage	Acres	2,534,000	1922	600,000	2002	1866
Yield Per Acre	Tons	3.57	1998	0.60	1895	
Total Production	Tons	3,066,000	1918	840,000	1866	
<u>Alfalfa Hay</u>						
Harvested Acreage	Acres	775,000	1956	62,000	1919	1866
Yield Per Acre	Tons	4.10	2006	1.40	1936	
Total Production	Tons	1,763,000	2000	107,000	1919	

^{1/} All records reported for most recent year established.

RECORD HIGHS & LOWS

CROPS: RECORD HIGHS & LOWS ACREAGE, YIELD & PRODUCTION, INDIANA (Continued)

Crop	Unit	Record High ^{1/}		Record Low ^{1/}		Year Series Began
		Quantity	Year	Quantity	Year	
All Tobacco ^{2/}						
Harvested Acreage	Acres	30,000	1910	3,800	2000	1866
Yield Per Acre	Pounds	2,700	1970	400	1887	
Total Production	Pounds	24,900,000	1910	3,990,000	1936	
Potatoes ^{2/}						
Harvested Acreage	Acres	116,000	1891	2,800	2002	1866
Yield Per Acre	Cwt	350	2004	18	1901	
Total Production	Cwt	5,746,000	1889	728,000	2002	
Peppermint Oil						
Harvested Acreage	Acres	27,000	1995	4,500	1963	1939
Yield Per Acre	Pounds	54	2004	18	1943	
Total Production	Pounds	1,104,000	1998	161,000	1960	
Spearmint Oil						
Harvested Acreage	Acres	15,200	1948	1,400	2007	1939
Yield Per Acre	Pounds	56	2007	24	1974	
Total Production	Pounds	532,000	1948	43,000	1939	
Cucumbers for Processing						
Harvested Acreage	Acres	12,500	1930	660	1981	1918
Yield Per Acre	Tons	11.71	1985	0.53	1932	
Total Production	Tons	20,400	1930	1,580	1932	
Tomatoes for Fresh Market						
Harvested Acreage	Acres	6,600	1931	1,100	1988	1918
Yield Per Acre	Cwt	165	2001	45	1934	
Total Production	Cwt	428,000	1925	132,000	1983	
Tomatoes for Processing						
Harvested Acreage	Acres	97,300	1935	5,700	1981	1918
Yield Per Acre	Tons	35.00	2007	2.90	1923	
Total Production	Tons	486,000	1941	83,390	1981	
Apples, Commercial						
Total Production	Pounds	400,608,000	1915	25,000,000	1976	1909
Peaches ^{2/}						
Total Production	Pounds	62,064,000	1931	^{3/}		1909

^{1/} All records reported for most recent year established.

^{2/} Estimates discontinued in 2005.

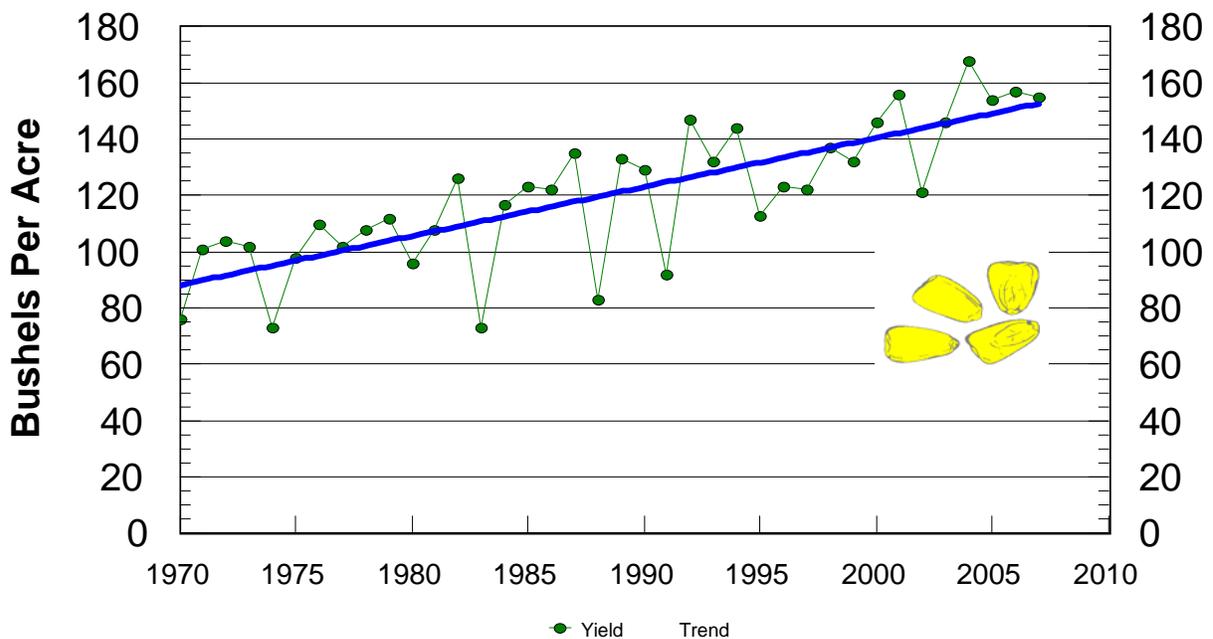
^{3/} Virtually no production because of freeze damage in 1982, 1985 and 1994.

CROP SUMMARY

CORN FORECAST AND FINAL YIELD INDIANA, 1984-2007

Year	August Forecast	September Forecast	October Forecast	November Forecast	Final Yield Per Acre
	Yield (Bu)	Yield (Bu)	Yield (Bu)	Yield (Bu)	(Bushels)
1984	112	114	114	115	117
1985	115	123	124	124	123
1986	132	129	127	124	122
1987	135	135	135	135	135
1988	70	74	74	78	83
1989	123	128	130	134	133
1990	128	132	132	130	129
1991	98	93	94	94	92
1992	130	130	133	143	147
1993	140	136	133	128	132
1994	132	132	137	141	144
1995	135	125	119	116	113
1996	118	118	120	124	123
1997	127	122	120	120	122
1998	136	139	137	137	137
1999	130	128	128	130	132
2000	155	155	151	147	146
2001	147	152	160	160	156
2002	124	119	117	117	121
2003	144	145	148	150	146
2004	168	168	168	168	168
2005	145	149	149	151	154
2006	167	167	165	159	157
2007	157	160	158	158	155

Corn Yield Trend Indiana 1970 - 2007

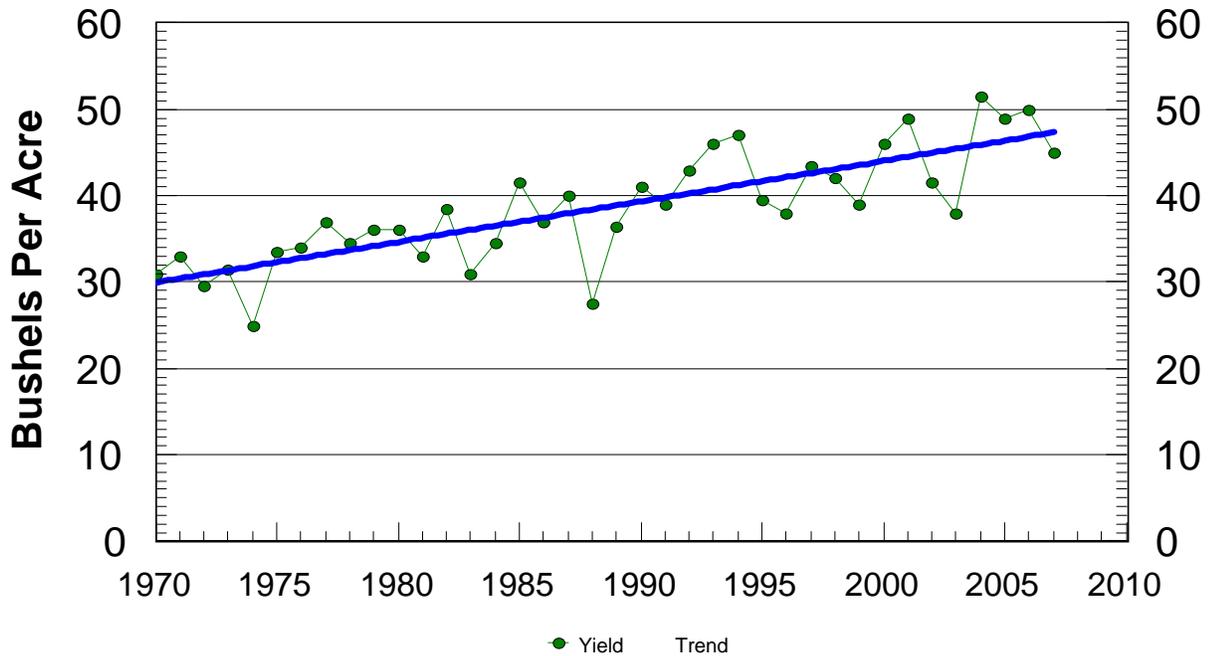


CROP SUMMARY

SOYBEAN FORECAST AND FINAL YIELD INDIANA, 1984-2007

Year	August Forecast	September Forecast	October Forecast	November Forecast	Final Yield Per Acre
	Yield (Bu)	Yield (Bu)	Yield (Bu)	Yield (Bu)	(Bushels)
1984	35.0	36.0	35.0	34.0	34.5
1985	35.0	38.0	40.0	41.0	41.5
1986	40.0	39.0	39.0	38.0	37.0
1987	42.0	41.0	40.0	40.0	40.0
1988	29.0	30.0	30.0	28.0	27.5
1989	39.0	39.0	39.0	39.0	36.5
1990	36.0	37.0	39.0	41.0	41.0
1991	35.0	35.0	38.0	39.0	39.0
1992	41.0	41.0	41.0	42.0	43.0
1993	45.0	47.0	47.0	45.0	46.0
1994	43.0	43.0	46.0	46.0	47.0
1995	43.0	44.0	40.0	39.0	39.5
1996	35.0	35.0	38.0	39.0	38.0
1997	44.0	42.0	42.0	44.0	43.5
1998	45.0	45.0	42.0	42.0	42.0
1999	41.0	40.0	39.0	38.0	39.0
2000	46.0	46.0	46.0	46.0	46.0
2001	46.0	48.0	49.0	49.0	49.0
2002	41.0	41.0	40.0	41.0	41.5
2003	43.0	43.0	40.0	38.0	38.0
2004	52.0	52.0	51.5	51.5	51.5
2005	46.0	45.0	46.0	48.0	49.0
2006	49.0	50.0	51.0	51.0	50.0
2007	47.0	43.0	43.0	44.0	45.0

Soybean Yield Trend Indiana 1970 - 2007



CROP SUMMARY

FIELD CROP SUMMARY: ACREAGE, YIELD, PRODUCTION & VALUE INDIANA, 2003-2007

Year	Acreage Planted All Purposes	Acreage Harvested	Yield Per Harvested Acre	Production	Price Per Unit ^{1/}	Value of Production
	<u>Thousands</u>			<u>Thousands</u>	<u>Dollars</u>	<u>Thousand Dollars</u>
All Corn						
2003	5,600	---	---	---	---	---
2004	5,700	---	---	---	---	---
2005	5,900	---	---	---	---	---
2006	5,500	---	---	---	---	---
2007	6,500	---	---	---	---	---
Corn for Grain (Bushels)						
2003	---	5,390	146.0	786,940	2.53	1,990,958
2004	---	5,530	168.0	929,040	1.99	1,848,790
2005	---	5,770	154.0	888,580	2.00	1,777,160
2006	---	5,380	157.0	844,660	3.17	2,677,572
2007	---	6,370	155.0	987,350	4.05	3,998,768
Corn for Silage (Tons)						
2003	---	150	19.0	2,850	---	---
2004	---	140	20.5	2,870	---	---
2005	---	100	20.0	2,000	---	---
2006	---	100	21.0	2,100	---	---
2007	---	110	18.0	1,980	---	---
Soybeans (Bushels)						
2003	5,450	5,370	38.0	204,060	7.67	1,565,140
2004	5,550	5,520	51.5	284,280	5.66	1,609,025
2005	5,400	5,380	49.0	263,620	5.78	1,523,724
2006	5,700	5,680	50.0	284,000	6.53	1,854,520
2007	4,700	4,680	45.0	210,600	10.50	2,211,300
Wheat (Bushels)						
2003	460	430	69.0	29,670	3.21	95,241
2004	450	440	62.0	27,280	3.24	88,387
2005	360	340	72.0	24,480	3.15	77,112
2006	470	460	69.0	31,740	3.41	108,233
2007	420	370	57.0	21,090	5.45	114,941
Oats (Bushels)						
2003	25	15	70.0	1,050	1.90	1,995
2004	25	12	75.0	900	1.80	1,620
2005	20	9	69.0	621	1.98	1,230
2006	25	14	80.0	1,120	2.10	2,352
2007	25	8	55.0	440	2.90	1,276
Popcorn (Pounds)						
2003	88	81	3,300	267,300	0.116	31,007
2004	84	84	4,550	382,200	0.110	42,042
2005	76	75	4,200	315,000	0.096	30,240
2006	51	48	4,100	196,800	0.104	20,467
2007	70	69	4,200	289,800	0.144	41,731

^{1/} Price for latest year shown is preliminary. It includes an allowance for marketings from December through the remainder of the marketing year.

CROP SUMMARY

FIELD CROP SUMMARY: ACREAGE, YIELD, PRODUCTION & VALUE INDIANA, 2003-2007 (Continued)

Year	Acreage Planted All Purposes	Acreage Harvested	Yield Per Harvested Acre	Production	Price Per Unit ^{1/}	Value of Production
	Thousands		Thousands	Dollars	Thousand Dollars	
All Hay (Tons)						
2003	---	650	3.25	2,110	105.00	207,780
2004	---	660	3.49	2,303	97.00	210,000
2005	---	650	3.18	2,067	98.50	203,217
2006	---	650	3.39	2,201	99.00	218,185
2007	---	660	2.34	1,544	137.00	211,496
Alfalfa Hay (Tons)						
2003	---	350	3.80	1,330	114.00	151,620
2004	---	350	4.10	1,435	104.00	149,240
2005	---	340	3.80	1,292	112.00	144,704
2006	---	360	4.10	1,476	110.00	162,360
2007	---	320	2.70	864	159.00	137,376
All Other Hay (Tons)						
2003	---	300	2.60	780	72.00	56,160
2004	---	310	2.80	868	70.00	60,760
2005	---	310	2.50	775	75.50	58,513
2006	---	290	2.50	725	77.00	55,825
2007	---	340	2.00	680	109.00	74,120
Tobacco (Pounds)						
2003	---	4.2	1,950	8,190	1.949	15,962
2004	---	4.2	2,050	8,610	1.982	17,065
2005	---	<u>2/</u>	<u>2/</u>	<u>2/</u>	<u>2/</u>	<u>2/</u>
2006	---	<u>2/</u>	<u>2/</u>	<u>2/</u>	<u>2/</u>	<u>2/</u>
2007	---	<u>2/</u>	<u>2/</u>	<u>2/</u>	<u>2/</u>	<u>2/</u>
Potatoes (Cwt.)						
2003	3.8	3.7	250	925	6.00	5,550
2004	3.4	3.2	350	1,120	6.10	6,832
2005	---	<u>2/</u>	<u>2/</u>	<u>2/</u>	<u>2/</u>	<u>2/</u>
2006	---	<u>2/</u>	<u>2/</u>	<u>2/</u>	<u>2/</u>	<u>2/</u>
2007	---	<u>2/</u>	<u>2/</u>	<u>2/</u>	<u>2/</u>	<u>2/</u>
Peppermint Oil (Pounds)						
2003	---	11.0	45	495	11.20	5,544
2004	---	11.0	54	594	11.50	6,831
2005	---	11.0	45	495	11.60	5,742
2006	---	12.0	51	612	13.40	8,201
2007	---	7.8	48	374	14.80	5,535
Spearmint Oil (Pounds)						
2003	---	1.8	42	76	9.60	730
2004	---	1.6	40	64	9.80	627
2005	---	1.6	45	72	10.60	763
2006	---	1.7	53	90	12.10	1,089
2007	---	1.4	56	78	12.40	967

^{1/} Price for latest year shown is preliminary. It includes an allowance for marketings from December through the remainder of the marketing year.

^{2/} Estimates discontinued.

CROP SUMMARY

VEGETABLE CROP SUMMARY: ACREAGE, YIELD, PRODUCTION & VALUE INDIANA, 2003-2007

Year	Acreage Planted All Purposes	Acreage Harvested	Yield Per Harvested Acre	Production	Price Per Unit ^{1/}	Value of Production
	<u>Acres</u>			<u>Thousands</u>	<u>Dollars</u>	<u>Thousand Dollars</u>
				<u>Cantaloup for Fresh Market (Cwt.)</u>		
2003	3,000	2,800	200	560	18.70	10,472
2004	2,900	2,700	185	500	19.80	9,900
2005	3,000	2,900	155	450	15.70	7,065
2006	2,900	2,700	175	473	15.20	7,190
2007	2,900	2,800	180	504	16.20	8,165
				<u>Cucumbers for Processing (Tons)</u>		
2003	1,700	1,700	5.94	10.10	187.00	1,889
2004	1,700	1,700	4.36	7.41	160.00	1,186
2005	1,700	1,600	4.10	6.56	163.00	1,069
2006	1,600	1,600	4.44	7.10	312.00	2,215
2007	1,500	1,500	4.30	6.45	348.00	2,245
				<u>Snap Beans for Processing (Tons)</u>		
2003	6,500	6,200	2.80	17.34	169.00	2,928
2004	6,100	5,700	3.09	17.63	182.00	3,212
2005	5,700	5,500	3.13	17.20	183.00	3,140
2006	5,600	5,300	3.18	16.86	193.00	3,249
2007	5,300	5,000	3.15	15.77	200.00	3,158
				<u>Sweet Corn for Fresh Market (Cwt.)</u>		
2003	5,500	5,100	73	372	23.60	8,779
2004	5,700	5,400	90	486	23.30	11,324
2005	5,600	5,200	63	328	23.40	7,675
2006	5,700	5,200	62	322	23.80	7,664
2007	5,800	5,400	85	459	22.90	10,511
				<u>Tomatoes for Fresh Market (Cwt.)</u>		
2003	1,700	1,600	155	248	69.10	17,137
2004	1,800	1,700	160	272	77.70	21,134
2005	1,700	1,500	150	225	62.30	14,018
2006	1,700	1,500	110	165	67.00	11,055
2007	1,800	1,700	150	255	81.00	20,655
				<u>Tomatoes for Processing (Tons)</u>		
2003	8,400	8,200	24.67	202.29	86.80	17,559
2004	8,400	8,300	33.11	274.81	85.80	23,579
2005	8,300	7,900	33.73	266.47	84.80	22,597
2006	8,000	7,800	28.91	225.50	89.60	20,205
2007	8,500	8,400	35.00	294.00	94.00	27,636
				<u>Watermelon for Fresh Market (Cwt.)</u>		
2003	7,200	7,000	370	2,590	9.40	24,346
2004	7,400	7,200	340	2,448	8.10	19,829
2005	7,400	7,300	380	2,774	7.20	19,973
2006	7,500	7,400	370	2,738	9.50	26,011
2007	7,500	7,400	360	2,664	7.60	20,246

^{1/} Price for latest year shown is preliminary. It includes an allowance for marketings from December through the remainder of the marketing year.

CROP SUMMARY

FRUIT CROP SUMMARY: PRODUCTION, PRICE & VALUE INDIANA, 2003-2007

Year	Total Production	Utilized Production ^{1/}	Price Per Unit ^{2/}	Value of Utilized Production ^{2/}	Production Unit	
	<u>Million Pounds</u>		<u>Dollars</u>	<u>Thousand Dollars</u>		
		<u>Apples, Commercial (Pound)</u>				
2003	51.0	48.0	0.263	12,609	<u>Lbs</u>	
2004	60.0	58.0	0.219	12,686		
2005	50.0	40.0	0.294	11,770		
2006	55.0	48.5	0.299	14,498		
2007	33.0	30.0	0.321	9,630		
		<u>Apples, Fresh Market (Pound)</u>				
2003	---	35.0	0.340	11,900	<u>Lbs</u>	
2004	---	39.0	0.293	11,427		
2005	---	26.5	0.415	10,998		
2006	---	31.5	0.429	13,514		
2007	---	20.0	0.450	9,000		
		<u>Apples, Processed (Ton)</u>				
2003	---	13.0	109.00	709	<u>Tons</u>	
2004	---	19.0	133.00	1,259		
2005	---	13.5	114.00	772		
2006	---	17.0	116.00	984		
2007	---	10.0	136.00	679		
		<u>Peaches (Pound)</u>				
2003	3.4	3.3	0.715	2,363	<u>Lbs</u>	
2004	2.4	2.4	0.690	1,656		
2005	<u>3/</u>	<u>3/</u>	<u>3/</u>	<u>3/</u>		
2006	<u>3/</u>	<u>3/</u>	<u>3/</u>	<u>3/</u>		
2007	<u>3/</u>	<u>3/</u>	<u>3/</u>	<u>3/</u>		
		<u>Blueberries (Pound)</u>				
2003	1.9	1.8	1.170	2,106	<u>Lbs</u>	
2004	3.1	3.0	1.090	3,270		
2005	3.5	3.5	1.220	4,275		
2006	3.4	3.4	1.480	5,020		
2007	1.6	1.4	1.920	2,690		

^{1/} Excludes mature fruit not harvested for economic reasons and excess cullage of harvested fruit.

^{2/} Price for latest year shown is preliminary. It includes an allowance for marketings from December through the remainder of the marketing year.

^{3/} Estimates discontinued.

GRAIN & HAY STOCKS

CORN AND SOYBEANS STOCKS: ON-FARMS AND OFF-FARMS INDIANA, 2002-2007

Crop Year	Production For Grain	On-Farms				Off-Farms			
		Dec 1	Mar 1 Following	Jun 1 Following	Sep 1 Following	Dec 1	Mar 1 Following	Jun 1 Following	Sep 1 Following
Thousand Bushels									
Corn									
2002	631,620	340,000	155,000	75,000	20,000	175,371	157,721	107,515	37,874
2003	786,940	435,000	175,000	90,000	19,000	177,070	166,377	108,702	40,831
2004	929,040	480,000	245,000	145,000	30,000	204,539	173,063	119,553	82,265
2005	888,580	510,000	245,000	135,000	30,000	229,041	208,980	135,570	64,031
2006	844,660	475,000	220,000	110,000	15,000	205,684	180,746	115,665	53,341
2007	987,350	530,000	250,000	120,000		210,072	192,971	125,712	
Soybeans									
2002	239,455	105,000	40,000	13,000	2,900	66,127	48,902	33,702	8,808
2003	204,060	77,000	22,000	7,000	2,300	53,112	36,726	16,859	4,764
2004	284,280	120,000	62,000	20,000	3,300	67,317	39,425	19,563	7,797
2005	263,620	130,000	64,000	32,000	7,100	65,808	46,949	23,842	9,156
2006	284,000	135,000	69,000	29,000	5,000	72,454	51,393	29,189	18,445
2007	210,600	95,000	43,000	14,000		70,547	52,549	27,287	

CORN AND SOYBEANS STOCKS: TOTAL ALL POSITIONS INDIANA, 2002-2007

Crop Year	Production for Grain	Total All Positions			
		December 1	March 1 Following	June 1 Following	September 1 Following
Thousand Bushels					
Corn					
2002	631,620	515,371	312,721	182,515	57,874
2003	786,940	612,070	341,377	198,702	59,831
2004	929,040	684,539	418,063	264,553	112,265
2005	888,580	739,041	453,980	270,570	94,031
2006	844,660	680,684	400,746	225,665	68,341
2007	987,350	740,072	442,971	245,712	
Soybeans					
2002	239,455	171,127	88,902	46,702	11,708
2003	204,060	130,112	58,726	23,859	7,064
2004	284,280	187,317	101,425	39,563	11,097
2005	263,620	195,808	110,949	55,842	16,256
2006	284,000	207,454	120,393	58,189	23,445
2007	210,600	165,547	95,549	41,287	

GRAIN & HAY STOCKS

SMALL GRAINS STOCKS: ON-FARMS AND OFF-FARMS INDIANA, 2002-2007

Crop Year	Production	On-Farms				Off-Farms			
		Sep 1	Dec 1	Mar 1 Following	Jun 1 Following	Sep 1	Dec 1	Mar 1 Following	Jun 1 Following
Thousand Bushels									
Oats									
2002	868	*	*	*	*	155	103	109	114
2003	1,050	*	*	*	*	232	195	141	180
2004	900	*	*	*	*	252	174	168	151
2005	621	*	*	*	*	193	185	154	151
2006	1,120	*	*	*	*	215	95	101	125
2007	440	*	*	*	*	116	76	92	87
Wheat									
2002	16,430	1,300	400	100	90	20,541	14,375	7,616	4,261
2003	29,670	1,500	950	150	90	21,301	19,434	14,508	4,213
2004	27,280	2,000	800	100	90	18,591	17,736	12,625	6,115
2005	24,480	1,900	900	200	150	26,587	18,942	15,194	10,895
2006	31,740	2,600	1,800	500	100	27,236	23,874	18,456	13,656
2007	21,090	1,000	410	60	15	21,103	17,477	13,547	8,585

* Not published.

SMALL GRAINS STOCKS: TOTAL ALL POSITIONS INDIANA, 2001-2006

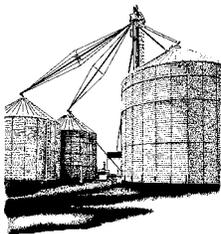
Crop Year	Production	Total All Positions			
		September 1	December 1	March 1 Following	June 1 Following
Thousand Bushels					
Oats					
2002	868	*	*	*	*
2003	1,050	*	*	*	*
2004	900	*	*	*	*
2005	621	*	*	*	*
2006	1,120	*	*	*	*
2007	440	*	*	*	*
Wheat					
2002	16,430	21,841	14,775	7,716	4,351
2003	29,670	22,801	20,384	14,658	4,303
2004	27,280	20,591	18,536	12,725	6,205
2005	24,480	28,487	19,842	15,394	11,045
2006	31,740	29,836	25,674	18,956	13,756
2007	21,090	22,103	17,887	13,607	8,600

* Not published.

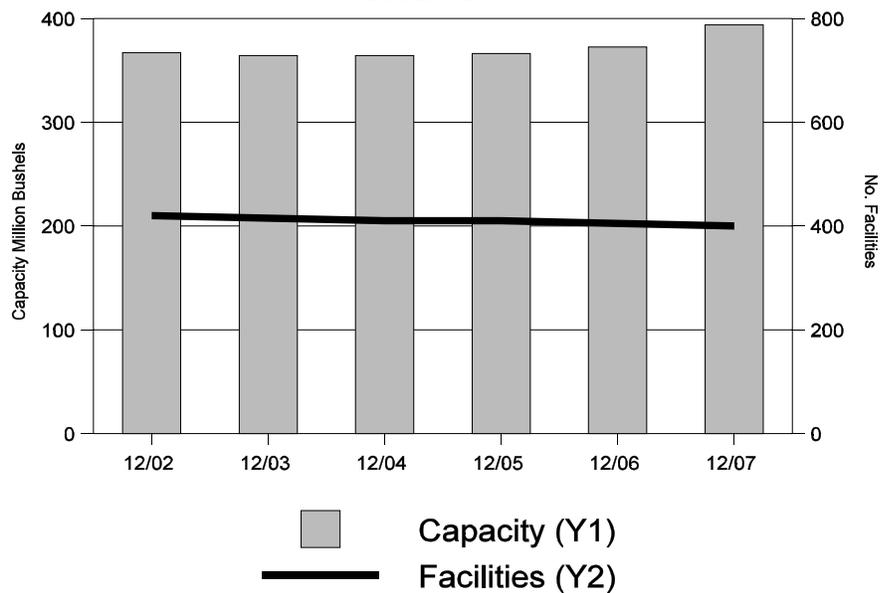
GRAIN & HAY STOCKS

GRAIN STORAGE CAPACITY INDIANA, DECEMBER 1, 2002-2007

Date	On - Farm Rated Capacity	Off - Farm Rated Capacity	Number of Facilities
<u>Thousand Bushels</u>			
2002	680,000	367,100	420
2003	680,000	364,400	415
2004	690,000	364,400	410
2005	690,000	366,300	410
2006	690,000	372,600	405
2007	710,000	393,900	400



Indiana Off-Farm Grain Storage 2002 - 2007



GRAIN & HAY STOCKS

HAY STOCKS: PRODUCTION OF HAY, TOTAL SUPPLY, AND DISAPPEARANCE ON INDIANA FARMS, 2002-2007

Crop Year	All Hay Production	Stocks of Hay on Farms		Total Hay Supply (Production Plus May 1 Carryover)	Disappearance of Hay (Total Supply Minus May Stocks)
		December 1	May 1 Following Year		
Thousand Tons					
2002	1,620	1,037	96	1,907	1,811
2003	2,110	1,561	253	2,206	1,953
2004	2,303	1,704	345	2,556	2,211
2005	2,067	1,498	207	2,412	2,205
2006	2,201	1,475	198	2,408	2,210
2007	1,544	973	93	1,742	1,649

“Job Well Done”

Photographer ~~ Saige Dunafin

Age 11, Lagrange, IN



PASTURE CONDITION, MONTHLY INDIANA, 2007

Month	Very Poor	Poor	Fair	Good	Excellent
Percent					
April	1	11	34	47	7
May	1	7	33	50	9
June	12	24	39	24	1
July	23	33	32	12	0
August	37	32	23	8	0
September	46	26	19	8	1
October	42	25	24	9	0

FARM MARKETINGS

FARM MARKETING OF FIELD CROPS PERCENT OF OPEN MARKET FARM SALES, BY MARKETING YEAR MONTHS INDIANA, 2001-2007 CROPS

Year	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
<u>Corn</u>												
2001-02	7	13	23	7	12	8	4	5	4	5	6	6
2002-03	8	19	13	7	13	7	7	6	4	4	5	7
2003-04	5	16	12	7	17	8	8	6	3	6	7	5
2004-05	8	21	9	5	11	8	7	4	5	8	7	7
2005-06	8	16	10	5	19	10	8	6	5	4	5	4
2006-07	6	14	16	6	17	6	6	3	6	4	8	8
<u>Soybeans</u>												
2001-02	9	30	13	6	12	6	7	5	2	3	4	3
2002-03	8	35	7	7	12	7	4	5	4	3	4	4
2003-04	11	32	4	4	16	7	6	4	4	4	5	3
2004-05	22	16	7	6	9	13	8	3	4	5	3	4
2005-06	8	22	4	6	16	7	6	6	6	3	8	8
2006-07	6	22	13	6	16	7	8	4	4	5	4	5
Year	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
<u>Wheat</u>												
2001-02	30	46	14	4	---	---	3	1	---	---	1	1
2002-03	12	56	14	3	1	3	4	2	---	2	2	1
2003-04	17	56	11	3	---	---	2	4	2	2	1	2
2004-05	37	26	7	8	2	1	2	3	4	4	1	5
2005-06	13	69	8	5	---	---	1	2	1	---	---	1
2006-07	10	51	10	3	4	1	2	9	4	4	1	1

ROW SPACING & BIOTECHNOLOGY

CORN FOR GRAIN AND SOYBEANS PLANT POPULATION AND AVERAGE WIDTH INDIANA, 2002-2007 ^{1/}

Year	Corn for Grain				Soybeans		
	Number of Samples	Average Row Width In Inches	Plants Per Acre	Number of Ears Per Acre	Number of Samples	Average Row Width In Inches	Number of Pods Per 18 Sq. Ft.
2002	154	31.0	25,300	23,650	149	12.5	1,680
2003	163	30.9	25,900	25,350	142	12.4	1,582
2004	172	30.8	26,500	26,050	157	12.8	1,917
2005	174	30.4	25,200	24,650	161	13.7	1,899
2006	161	31.0	26,350	25,750	151	12.7	1,909
2007	171	30.1	27,350	26,800	165	13.9	1,641

^{1/} Data from Objective Yield Survey.

BIOTECHNOLOGY VARIETIES

The National Agricultural Statistics Service conducts the June Agricultural Survey in all States each year. Randomly selected farmers across Indiana are asked if they planted corn or soybean seeds that, through biotechnology, are resistant to herbicides, insects, or both. Conventionally bred herbicide resistant varieties were excluded. Insect resistant varieties include only those containing bacillus thuringiensis (Bt). Stacked gene varieties include those containing biotech traits for both herbicide and insect resistance.

BIOTECHNOLOGY VARIETIES, PERCENT OF ALL PLANTED ACRES INDIANA, 2000-2008

Year	Corn					Soybeans		
	Acres Planted	Insect Resistant (Bt)	Herbicide Resistant	Stacked Gene Varieties	All Biotech Varieties	Acres Planted	Herbicide Resistant	All Biotech Varieties
	<u>(000) Acres</u>		<u>Percent</u>			<u>(000)</u>	<u>Percent</u>	
2000	5,700	7	4	<u>1/</u>	11	5,500	63	63
2001	5,800	6	6	<u>1/</u>	12	5,600	78	78
2002	5,400	7	6	<u>1/</u>	13	5,800	83	83
2003	5,600	8	7	1	16	5,450	88	88
2004	5,700	11	8	2	21	5,550	87	87
2005	5,900	11	11	4	26	5,400	89	89
2006	5,500	13	15	12	40	5,700	92	92
2007	6,500	12	17	30	59	4,800	94	94
2008	5,800	7	16	55	78	5,550	96	96

^{1/} Data rounds to less than 0.5 percent.

FERTILIZER USAGE

FERTILIZER USAGE ON ACREAGE HARVESTED FOR GRAIN INDIANA, 2006 ^{1/}

Fertilizer	Crop	Percent Acres Treated	Average Number Treatments	Rate Per Treatment (Pounds)	Total ^{2/} Applied (000 #)
Nitrogen	Soybeans	16	1.0	16	15,200
Phosphate	Soybeans	20	1.1	44	54,600
Potash	Soybeans	32	1.0	96	177,400

^{2/} Totals may not compute due to rounding.

CLASSIFIED FERTILIZER SALES INDIANA, 2002-2007 ^{3/}

Year by Seasons ^{4/}	Total Tons Fertilizer	Tons Based on Actual Nutrients		
		N	P ₂ O ₅	K ₂ O
2002 Fall	703,126	102,256	76,497	180,499
2003 Spring	1,551,387	403,630	121,163	199,218
2002-2003 Total	2,254,513	505,886	197,660	379,717
2003 Fall	529,433	81,525	55,294	126,283
2004 Spring	1,881,831	489,080	148,430	254,095
2003-2004 Total	2,411,264	570,605	203,724	380,378
2004 Fall	794,328	111,834	89,709	195,927
2005 Spring	1,724,345	474,556	143,012	212,304
2004-2005 Total	2,518,673	586,390	232,721	408,231
2005 Fall	675,784	105,007	73,894	154,820
2006 Spring	1,547,352	401,612	117,444	198,579
2005-2006 Total	2,223,136	506,619	191,338	353,399
2006 Fall	518,936	83,063	54,595	116,662
2007 Spring	1,838,192	475,440	144,306	242,425
2006-2007 Total	2,357,128	558,503	198,901	359,087
2007 Fall	887,835	136,548	95,732	210,806

^{1/} Latest information available.

^{2/} Totals may not compute due to rounding.

^{3/} Data from Indiana State Chemist, Department of Biochemistry, Purdue University.

^{4/} The spring season includes January 1 through June 30 and the fall season includes July 1 through December 31.

CROP PRODUCTION COSTS

CORN AND SOYBEAN PRODUCTION COSTS AND RETURNS HEARTLAND REGION 1/, 2005-2006

Item	Corn		Soybeans	
	2005	2006	2005	2006
	<u>Dollars per Planted Acre</u>			
Total, Gross Value of Production (Excluding Direct Government Payments)	267.32	488.40	282.09	271.70
Operating Costs:				
Seed	41.23	43.83	32.59	33.19
Fertilizer	72.67	82.79	9.55	10.57
Soil Conditioners <u>2/</u>	0.00	0.00	0.09	0.10
Manure	0.00	0.00	0.62	0.71
Chemicals	24.71	25.73	14.00	14.84
Custom Operations <u>3/</u>	8.99	9.40	5.75	6.12
Fuel, Lube, and Electricity	20.32	22.48	11.14	12.82
Repairs	12.23	12.67	10.08	10.45
Interest on Operating Capital	3.07	4.66	1.41	2.09
Total, Operating Costs	183.22	201.56	85.23	90.89
Allocated Overhead:				
Hired Labor	1.41	1.46	1.29	1.36
Opportunity Cost of Unpaid Labor	19.80	20.52	15.63	15.77
Capital Recovery of Machinery and Equipment	60.45	63.59	46.99	48.69
Opportunity Cost of Land (rental rate)	104.87	103.16	102.09	104.28
Taxes and Insurance	6.06	6.37	6.15	6.70
General Farm Overhead	12.14	12.57	12.97	13.05
Total, Allocated Overhead	204.73	207.67	185.12	189.85
Total, Costs Listed	387.95	409.23	270.35	280.74
Value of Production Less Total Costs Listed	-120.63	79.17	11.74	-9.04
Value of Production Less Operating Costs	84.10	286.84	196.86	180.81
Supporting Information:				
Yield (bushels per planted acre)	156	151	49	49
Price (dollars per bushel at harvest)	1.71	3.23	5.70	5.51
Enterprise size (planted acres) <u>1/</u>	281	281	280	280
Production Practices <u>4/</u> <u>5/</u>				
Irrigated (percent)	5	5	5	5
Dryland (percent)	95	95	95	95

1/ Heartland Region includes: Illinois, Indiana, Iowa, Western Kentucky, Southern and Western Minnesota, North and Central Missouri, Northeastern Nebraska, Western Ohio, and Southeastern North Dakota.

2/ Cost of lime.

3/ Cost of custom operations, technical services and commercial drying.

4/ Corn: For survey base year 2001.

5/ Soybeans: For survey base year 2002.

Source: Economic Research Service