

# CROPS



"Corn"  
Photographer ~~ Kaitlyn Rumsey  
Age 13, Francesville, IN

"Wheat Field"  
Photographer ~~ Amber Davies  
Age 9, Bloomingdale, IN



**CROP HIGHLIGHTS**  
**CROP SUMMARY**  
**ROW SPACING**

**RECORD HIGHS & LOWS**  
**GRAIN & HAY STOCKS**  
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## CROP HIGHLIGHTS

**ACREAGE:** Indiana's five major field crops totaled 12.2 million acres for harvest during 2008, down one percent from the 2007 harvested acreage. Corn acreage for harvest was 14 percent below a year ago, while soybean acreage for harvest increased 13 percent. Winter wheat harvested acreage was up 51 percent from a year ago, but all hay harvested acreage was down 3 percent from the 2007 level. Oat acreage for harvest decreased 37 percent from 2007. Other crops showing harvested acreage changes were snap beans for processing, down 10 percent while tomatoes for processing decreased one percent. Popcorn acreage for harvest decreased 12 percent from 2007. In addition, watermelons harvested acreage decreased 3 percent, while tomatoes for fresh market harvested acreage decreased 10 percent from 2007.

**YIELDS:** The 2008 growing season got off to a slow start due to cold, wet soil conditions. By May 18<sup>th</sup>, only 68 percent of the intended corn acreage and 23 percent of the soybean acreage had been planted. Severe flooding occurred the first week of June in several central and southern counties causing many acres of corn and soybeans to be drowned out. Wet weather continued throughout the spring hindering planting progress especially in southern Indiana. In fact, by June 15<sup>th</sup>, the southern districts were only at 91 percent planted for corn and 60 percent for soybeans. The persistent rain showers also made it difficult for farmers to cut and bale hay without it getting wet. Winter wheat harvest was also slowed but good yields were obtained in most areas. The major field crops had plenty of moisture until the middle of August when soils began to dry out. By August 24<sup>th</sup>, 54 percent of the topsoil was rated short or very short. Soils remained dry until Hurricane Ike brought some much needed precipitation to the state during the second week of September. However, strong winds also caused damage to many corn fields and some soybeans. Harvest began in mid September and continued at a slow pace throughout the fall. By November 2<sup>nd</sup>, Indiana corn harvest was 74 percent complete and soybean harvest was 91 percent complete. In some areas stalk quality was an issue causing a considerable amount of corn to lodge from the heavy winds produced by Hurricane Ike. Minimal rainfall allowed farmers plenty of time to harvest, however, the corn crop was slow to dry down with moisture content hovering around 20 percent in many fields. Moisture levels finally came down to acceptable levels in early November allowing farmers to finish harvest. The average yield for corn in 2008 was 160 bushels per acre, 6 bushels above the 2007 yield, and the 2<sup>nd</sup> highest on record. The average yield for soybeans was 45 bushels per acre, 1 bushel below the 2007 yield. The average yield for winter wheat at 69 bushels per acre was 13 bushels above the previous year's yield of 56 bushels per acre. The average oat yield at 75 bushels per

acre was up 22 bushels from last year's yield of 53 bushels per acre. All hay yield at 3.16 tons per acre was .84 tons higher than the 2007 yield. Popcorn averaged 4,500 pounds per acre, up 300 pounds from the 4,200 pounds per acre produced a year earlier.

**PRODUCTION:** Corn produced during 2008 totaled 873.6 million bushels, 11 percent below the 2007 level of 981.0 million bushels. Soybean production was 244.4 million bushels, 11 percent above the 220.3 million bushels produced a year earlier. Winter wheat production increased 86 percent from a year earlier, to 38.6 million bushels. Popcorn production totaled 274.5 million pounds, 5 percent below the 2007 level. Oat production of 375 thousand bushels was 12 percent below the 424 thousand bushels produced in 2007. All hay production, at 1.9 million tons, increased 32 percent. Peppermint production decreased 22 percent while spearmint production increased 4 percent from 2007. Apple production increased 15 percent to 23.0 million pounds. Blueberry production totaled 3.8 million pounds, a 138 percent increase from the previous year.

"Just Before Harvest"  
Photographer ~~ Anna Porter  
Age 11, Liberty, IN



# RECORD HIGHS & LOWS

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

Crop	Unit	Record High <sup>1/</sup>		Record Low <sup>1/</sup>		Year Series Began
		Quantity	Year	Quantity	Year	
<b><u>Corn for Grain</u></b>						
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	980,980,000	2007	52,275,000	1869	
<b><u>Corn for Silage</u></b>						
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	
<b><u>Soybeans</u></b>						
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	
<b><u>Winter Wheat</u></b>						
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	
<b><u>Oats</u></b>						
Harvested Acreage	Acres	2,337,000	1928	<b>5,000</b>	<b>2008</b>	1866
Yield Per Acre	Bushels	80.0	2006	15.5	1934	
Total Production	Bushels	86,469,000	1928	<b>375,000</b>	<b>2008</b>	
<b><u>Rye</u></b>						
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	
<b><u>All Hay</u></b>						
Harvested Acreage	Acres	2,534,000	1922	<b>590,000</b>	<b>2008</b>	1866
Yield Per Acre	Tons	3.57	1998	0.60	1895	
Total Production	Tons	3,066,000	1918	840,000	1866	
<b><u>Alfalfa Hay</u></b>						
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	

<sup>1/</sup> All records reported for most recent year established.

# RECORD HIGHS & LOWS

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

Crop	Unit	Record High <sup>1/</sup>		Record Low <sup>1/</sup>		Year Series Began
		Quantity	Year	Quantity	Year	
<b><u>All Tobacco</u></b> <sup>2/</sup>						
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	
<b><u>Potatoes</u></b> <sup>2/</sup>						
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	
<b><u>Peppermint Oil</u></b>						
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	
<b><u>Spearmint Oil</u></b>						
Harvested Acreage	Acres	15,200	1948	<b>1,400</b>	<b>2008</b>	1939
Yield Per Acre	Pounds	<b>58</b>	<b>2008</b>	24	1974	
Total Production	Pounds	532,000	1948	43,000	1939	
<b><u>Cucumbers for Processing</u></b>						
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	
<b><u>Tomatoes for Fresh Market</u></b>						
Harvested Acreage	Acres	6,600	1931	<b>900</b>	<b>2008</b>	1918
Yield Per Acre	Cwt	165	2001	45	1934	
Total Production	Cwt	428,000	1925	110,000	2006	
<b><u>Tomatoes for Processing</u></b>						
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	
<b><u>Apples, Commercial</u></b>						
Total Production	Pounds	400,608,000	1915	20,000,000	2007	1909
<b><u>Peaches</u></b> <sup>2/</sup>						
Total Production	Pounds	62,064,000	1931	<sup>3/</sup>		1909

<sup>1/</sup> All records reported for most recent year established.

<sup>2/</sup> Estimates discontinued in 2005.

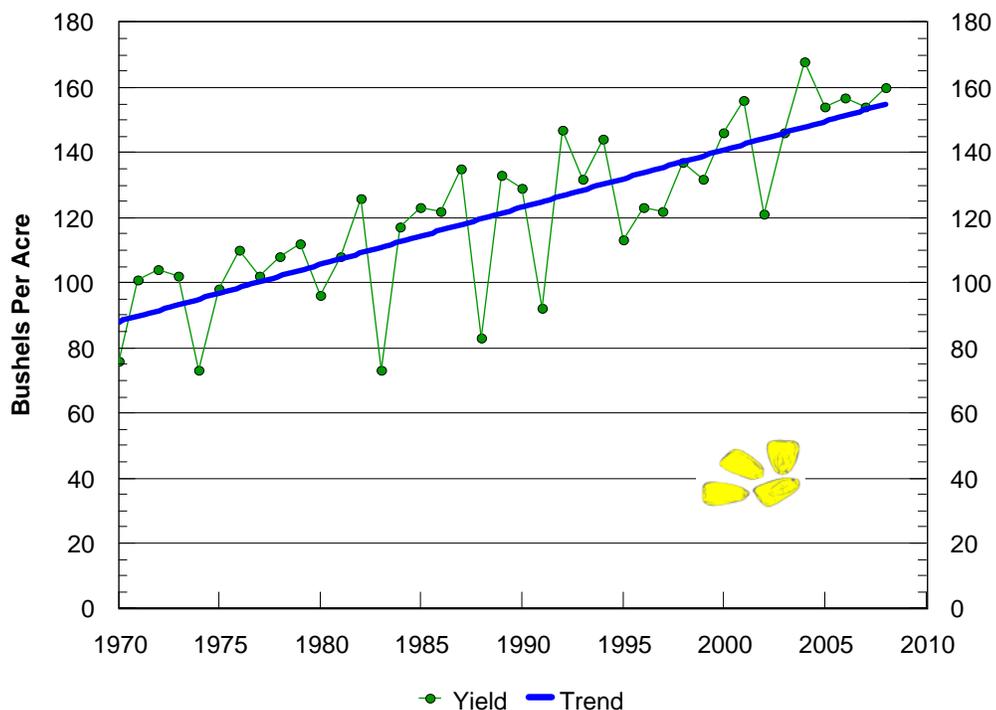
<sup>3/</sup> Virtually no production because of freeze damage in 1982, 1985 and 1994.

# CROP SUMMARY

## CORN FORECAST AND FINAL YIELD INDIANA, 1985-2008

Year	August Forecast	September Forecast	October Forecast	November Forecast	Final Yield Per Acre
	Yield (Bu)	Yield (Bu)	Yield (Bu)	Yield (Bu)	(Bushels)
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	154
<b>2008</b>	<b>164</b>	<b>162</b>	<b>160</b>	<b>160</b>	<b>160</b>

**Corn Yield Trend  
Indiana, 1970 - 2008**

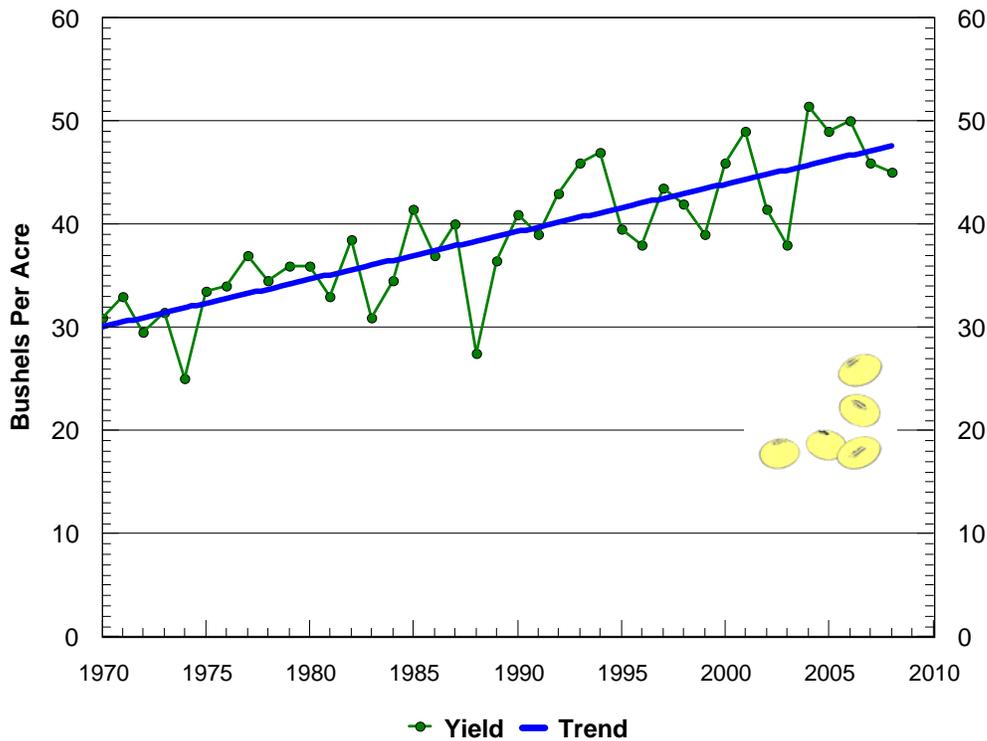


# CROP SUMMARY

## SOYBEAN FORECAST AND FINAL YIELD INDIANA, 1985-2008

Year	August Forecast	September Forecast	October Forecast	November Forecast	Final Yield Per Acre
	Yield (Bu)	Yield (Bu)	Yield (Bu)	Yield (Bu)	(Bushels)
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	46.0
<b>2008</b>	<b>46.0</b>	<b>43.0</b>	<b>42.0</b>	<b>44.0</b>	<b>45.0</b>

Soybean Yield Trend  
Indiana, 1970 - 2008



# CROP SUMMARY

## FIELD CROP SUMMARY: ACREAGE, YIELD, PRODUCTION & VALUE INDIANA, 2004-2008

Year	Acreage Planted All Purposes	Acreage Harvested	Yield Per Harvested Acre	Production	Price Per Unit <sup>1/</sup>	Value of Production
	<u>Thousands</u>			<u>Thousands</u>	<u>Dollars</u>	<u>Thousand Dollars</u>
<b>All Corn</b>						
2004	5,700	---	---	---	---	---
2005	5,900	---	---	---	---	---
2006	5,500	---	---	---	---	---
2007	6,500	---	---	---	---	---
<b>2008</b>	<b>5,700</b>	---	---	---	---	---
<b>Corn for Grain (Bushels)</b>						
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	154.0	980,980	4.39	4,306,502
<b>2008</b>	---	<b>5,460</b>	<b>160.0</b>	<b>873,600</b>	<b>3.75</b>	<b>3,276,000</b>
<b>Corn for Silage (Tons)</b>						
2004	---	140	20.5	2,870	---	---
2005	---	100	20.0	2,000	---	---
2006	---	100	21.0	2,100	---	---
2007	---	110	18.5	2,035	---	---
<b>2008</b>	---	<b>110</b>	<b>20.0</b>	<b>2,200</b>	---	---
<b>Soybeans (Bushels)</b>						
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	4,800	4,790	46.0	220,340	10.20	2,247,468
<b>2008</b>	<b>5,450</b>	<b>5,430</b>	<b>45.0</b>	<b>244,350</b>	<b>9.30</b>	<b>2,272,455</b>
<b>Wheat (Bushels)</b>						
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	68.0	31,280	3.41	106,665
2007	420	370	56.0	20,720	5.20	107,744
<b>2008</b>	<b>580</b>	<b>560</b>	<b>69.0</b>	<b>38,640</b>	<b>5.95</b>	<b>229,908</b>
<b>Oats (Bushels)</b>						
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	53.0	424	3.75	1,590
<b>2008</b>	<b>15</b>	<b>5</b>	<b>75.0</b>	<b>375</b>	<b>3.90</b>	<b>1,463</b>
<b>Popcorn (Pounds)</b>						
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
<b>2008</b>	<b>62</b>	<b>61</b>	<b>4,500</b>	<b>274,500</b>	<b>0.189</b>	<b>51,881</b>

<sup>1/</sup> 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, 2004-2008 (Continued)

Year	Acres Planted All Purposes	Acres Harvested	Yield Per Harvested Acre	Production	Price Per Unit <sup>1/</sup>	Value of Production
	<u>Thousands</u>			<u>Thousands</u>	<u>Dollars</u>	<u>Thousand Dollars</u>
<b>All Hay (Tons)</b>						
2004	---	660	3.49	2,303	91.00	210,000
2005	---	650	3.18	2,067	98.50	203,217
2006	---	630	3.36	2,119	98.50	209,165
2007	---	610	2.32	1,416	151.00	213,192
<b>2008</b>	---	<b>590</b>	<b>3.16</b>	<b>1,867</b>	<b>145.00</b>	<b>271,236</b>
<b>Alfalfa Hay (Tons)</b>						
2004	---	350	4.10	1,435	104.00	149,240
2005	---	340	3.80	1,292	112.00	144,704
2006	---	340	4.10	1,394	110.00	153,340
2007	---	280	2.70	756	172.00	130,032
<b>2008</b>	---	<b>300</b>	<b>4.00</b>	<b>1,200</b>	<b>166.00</b>	<b>199,200</b>
<b>All Other Hay (Tons)</b>						
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	---	330	2.00	660	126.00	83,160
<b>2008</b>	---	<b>290</b>	<b>2.30</b>	<b>667</b>	<b>108.00</b>	<b>72,036</b>
<b>Tobacco (Pounds)</b>						
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>
<b>2008</b>	---	<b><u>2/</u></b>	<b><u>2/</u></b>	<b><u>2/</u></b>	<b><u>2/</u></b>	<b><u>2/</u></b>
<b>Potatoes (Cwt.)</b>						
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>
<b>2008</b>	---	<b><u>2/</u></b>	<b><u>2/</u></b>	<b><u>2/</u></b>	<b><u>2/</u></b>	<b><u>2/</u></b>
<b>Peppermint Oil (Pounds)</b>						
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
<b>2008</b>	---	<b>6.5</b>	<b>45</b>	<b>293</b>	<b>19.60</b>	<b>5,743</b>
<b>Spearmint Oil (Pounds)</b>						
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
<b>2008</b>	---	<b>1.4</b>	<b>58</b>	<b>81</b>	<b>15.20</b>	<b>1,231</b>

<sup>1/</sup> Price for latest year shown is preliminary. It includes an allowance for marketings from December through the remainder of the marketing year.

<sup>2/</sup> Estimates discontinued.

# CROP SUMMARY

## VEGETABLE CROP SUMMARY: ACREAGE, YIELD, PRODUCTION & VALUE INDIANA, 2004-2008

Year	Acres Planted All Purposes	Acres Harvested	Yield Per Harvested Acre	Production	Price Per Unit <sup>1/</sup>	Value of Production
	<u>Acres</u>			<u>Thousands</u>	<u>Dollars</u>	<u>Thousand Dollars</u>
<b><u>Cantaloup for Fresh Market (Cwt.)</u></b>						
2004	2,800	2,600	185	481	19.80	9,524
2005	2,600	2,500	155	388	15.70	6,092
2006	2,400	2,200	175	385	15.20	5,852
2007	2,400	2,300	180	414	16.20	6,707
<b>2008</b>	<b>2,400</b>	<b>2,300</b>	<b>200</b>	<b>460</b>	<b>19.80</b>	<b>9,108</b>
<b><u>Cucumbers for Processing (Tons)</u></b>						
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	1,700	1,700	4.30	7.31	348.00	2,544
<b>2008</b>	<b>1,700</b>	<b>1,700</b>	<b>4.30</b>	<b>7.31</b>	<b>350.00</b>	<b>2,559</b>
<b><u>Snap Beans for Processing (Tons)</u></b>						
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
<b>2008</b>	<b>5,300</b>	<b>4,500</b>	<b>3.11</b>	<b>13.98</b>	<b>212.00</b>	<b>2,959</b>
<b><u>Sweet Corn for Fresh Market (Cwt.)</u></b>						
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
<b>2008</b>	<b>5,800</b>	<b>5,400</b>	<b>70</b>	<b>378</b>	<b>31.00</b>	<b>11,718</b>
<b><u>Tomatoes for Fresh Market (Cwt.)</u></b>						
2004	1,500	1,400	160	224	77.70	17,405
2005	1,400	1,200	150	180	62.30	11,214
2006	1,200	1,000	110	110	67.00	7,370
2007	1,100	1,000	150	150	81.00	12,150
<b>2008</b>	<b>1,000</b>	<b>900</b>	<b>160</b>	<b>144</b>	<b>94.00</b>	<b>13,536</b>
<b><u>Tomatoes for Processing (Tons)</u></b>						
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
<b>2008</b>	<b>9,000</b>	<b>8,300</b>	<b>30.00</b>	<b>249.00</b>	<b>100.00</b>	<b>24,900</b>
<b><u>Watermelon for Fresh Market (Cwt.)</u></b>						
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
<b>2008</b>	<b>7,500</b>	<b>7,200</b>	<b>380</b>	<b>2,736</b>	<b>9.90</b>	<b>27,086</b>

<sup>1/</sup> 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, 2004-2008

Year	Total Production	Utilized Production <u>1/</u>	Price Per Unit <u>2/</u>	Value of Utilized Production <u>2/</u>	Production Unit
	<u>Million Pounds</u>		<u>Dollars</u>	<u>Thousand Dollars</u>	
					<u>Apples, Commercial (Pound)</u>
2004	43.0	41.0	0.216	8,839	<u>Lbs</u>
2005	34.5	26.7	0.285	7,622	
2006	36.5	32.0	0.290	9,271	
2007	20.0	18.0	0.280	5,045	
<b>2008</b>	<b>23.0</b>	<b>21.5</b>	<b>0.378</b>	<b>8,133</b>	
					<u>Apples, Fresh Market (Pound)</u>
2004	---	27.0	0.293	7,911	
2005	---	17.0	0.415	7,055	
2006	---	20.0	0.429	8,580	
2007	---	10.0	0.450	4,500	
<b>2008</b>	---	<b>15.0</b>	<b>0.500</b>	<b>7,500</b>	
					<u>Apples, Processed (Ton)</u>
2004	---	14.0	133.00	928	<u>Tons</u>
2005	---	9.7	117.00	567	
2006	---	12.0	115.00	691	
2007	---	8.0	136.00	545	
<b>2008</b>	---	<b>6.5</b>	<b>195.00</b>	<b>633</b>	
					<u>Blueberries (Pound)</u>
2004	3.1	3.0	1.090	3,270	<u>Lbs</u>
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	
<b>2008</b>	<b>3.8</b>	<b>3.8</b>	<b>1.530</b>	<b>5,824</b>	
<p><u>1/</u> Excludes mature fruit not harvested for economic reasons and excess cullage of harvested fruit.</p> <p><u>2/</u> Price for latest year shown is preliminary. It includes an allowance for marketings from December through the remainder of the marketing year.</p>					

# GRAIN & HAY STOCKS

## CORN AND SOYBEANS STOCKS: ON-FARMS AND OFF-FARMS INDIANA, 2003-2008

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
<b>Thousand Bushels</b>									
<b>Corn</b>									
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	980,980	530,000	250,000	120,000	23,000	210,072	192,971	125,712	71,273
<b>2008</b>	<b>873,600</b>	<b>500,000</b>	<b>255,000</b>	<b>130,000</b>		<b>180,040</b>	<b>149,251</b>	<b>105,305</b>	
<b>Soybeans</b>									
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	220,340	100,000	43,000	14,000	1,700	70,547	52,549	27,287	10,299
<b>2008</b>	<b>244,350</b>	<b>110,000</b>	<b>51,000</b>	<b>12,000</b>		<b>65,145</b>	<b>43,874</b>	<b>29,750</b>	

## CORN AND SOYBEANS STOCKS: TOTAL ALL POSITIONS INDIANA, 2003-2008

Crop Year	Production for Grain	Total All Positions			
		December 1	March 1 Following	June 1 Following	September 1 Following
<b>Thousand Bushels</b>					
<b>Corn</b>					
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	980,980	740,072	442,971	245,712	94,273
<b>2008</b>	<b>873,600</b>	<b>680,040</b>	<b>404,251</b>	<b>235,305</b>	
<b>Soybeans</b>					
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	220,340	170,547	95,549	41,287	11,999
<b>2008</b>	<b>244,350</b>	<b>175,145</b>	<b>94,874</b>	<b>41,750</b>	

# GRAIN & HAY STOCKS

## SMALL GRAINS STOCKS: ON-FARMS AND OFF-FARMS INDIANA, 2003-2008

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
<b>Thousand Bushels</b>									
<b>Oats</b>									
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	424	*	*	*	*	116	76	92	87
<b>2008</b>	<b>375</b>	*	*	*	*	<b>127</b>	<b>117</b>	<b>113</b>	<b>107</b>
<b>Wheat</b>									
2003	29,240	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	31,280	2,600	1,800	500	100	27,236	23,874	18,456	13,656
2007	20,720	1,000	410	60	15	21,103	17,477	13,547	8,585
<b>2008</b>	<b>38,640</b>	<b>2,500</b>	<b>1,700</b>	<b>1,200</b>	<b>145</b>	<b>26,754</b>	<b>25,572</b>	<b>22,034</b>	<b>17,792</b>
* Not published.									

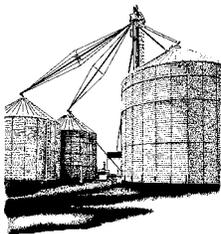
## SMALL GRAINS STOCKS: TOTAL ALL POSITIONS INDIANA, 2003-2008

Crop Year	Production	Total All Positions			
		September 1	December 1	March 1 Following	June 1 Following
<b>Thousand Bushels</b>					
<b>Oats</b>					
2003	1,050	*	*	*	*
2004	900	*	*	*	*
2005	621	*	*	*	*
2006	1,120	*	*	*	*
2007	424	*	*	*	*
<b>2008</b>	<b>375</b>	*	*	*	*
<b>Wheat</b>					
2003	29,240	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	31,280	29,836	25,674	18,956	13,756
2007	20,720	22,103	17,887	13,607	8,600
<b>2008</b>	<b>38,640</b>	<b>29,254</b>	<b>27,272</b>	<b>23,234</b>	<b>17,937</b>
* Not published.					

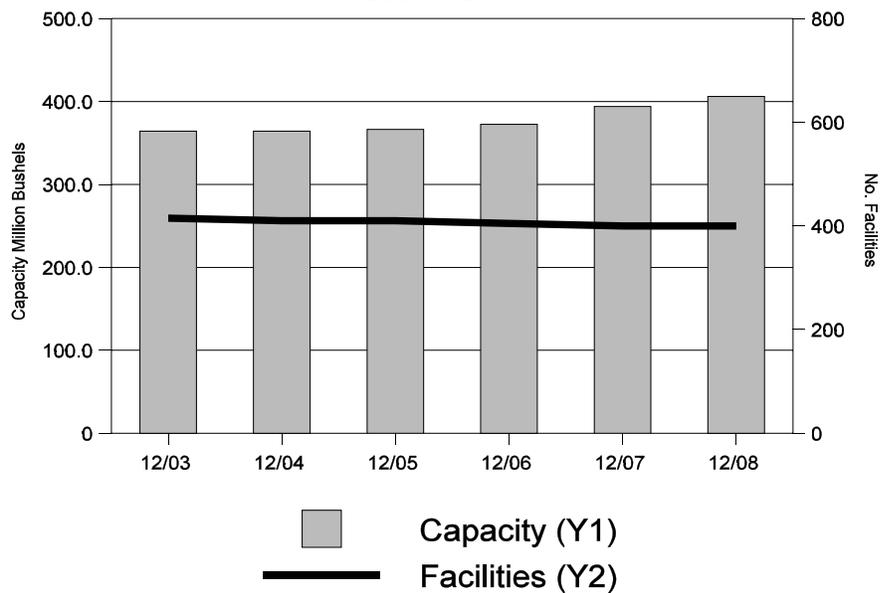
# GRAIN & HAY STOCKS

## GRAIN STORAGE CAPACITY INDIANA, DECEMBER 1, 2003-2008

Date	On - Farm Rated Capacity	Off - Farm Rated Capacity	Number of Facilities
<u>Thousand Bushels</u>			
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
<b>2008</b>	<b>770,000</b>	<b>406,000</b>	<b>400</b>



### Indiana Off-Farm Grain Storage 2003 - 2008



## GRAIN & HAY STOCKS

### HAY STOCKS: PRODUCTION OF HAY, TOTAL SUPPLY, AND DISAPPEARANCE ON INDIANA FARMS, 2003-2008

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		
<b>Thousand Tons</b>					
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	2,119	1,475	198	2,326	2,128
2007	1,416	973	93	1,614	1,521
<b>2008</b>	<b>1,867</b>	<b>1,191</b>	<b>185</b>	<b>1,960</b>	<b>1,775</b>

"Afternoon in June"  
 Photographer ~~ Paige Auberry  
 Age 11, Princeton, IN



### PASTURE CONDITION MONTHLY, INDIANA, 2008

Month	Very Poor	Poor	Fair	Good	Excellent
<b>Percent</b>					
April	9	14	31	36	10
May	4	8	29	44	15
June	2	6	24	44	24
July	3	7	23	45	22
August	6	14	30	38	12
September	12	25	34	26	3
October	14	25	36	20	5

# FARM MARKETINGS

## FARM MARKETING OF FIELD CROPS PERCENT OF OPEN MARKET FARM SALES, BY MARKETING YEAR MONTHS INDIANA, 2002-2008 CROPS

Year	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
<b><u>Corn</u></b>												
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
<b>2007-08</b>	<b>10</b>	<b>16</b>	<b>9</b>	<b>8</b>	<b>20</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>7</b>	<b>5</b>	<b>4</b>	<b>3</b>
<b><u>Soybeans</u></b>												
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
<b>2007-08</b>	<b>14</b>	<b>28</b>	<b>7</b>	<b>5</b>	<b>20</b>	<b>6</b>	<b>6</b>	<b>4</b>	<b>3</b>	<b>3</b>	<b>2</b>	<b>2</b>
Year	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
<b><u>Wheat</u></b>												
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
<b>2007-08</b>	<b>36</b>	<b>50</b>	<b>10</b>	<b>1</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>2</b>	<b>---</b>	<b>1</b>	<b>---</b>	<b>---</b>

## ROW SPACING & BIOTECHNOLOGY

### CORN FOR GRAIN AND SOYBEANS PLANT POPULATION AND AVERAGE WIDTH INDIANA, 2003-2008 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.
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
<b>2008</b>	<b>202</b>	<b>30.0</b>	<b>28,350</b>	<b>27,700</b>	<b>187</b>	<b>14.0</b>	<b>1,648</b>

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, 2003-2009

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>
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	5,700	7	16	55	78	5,450	96	96
<b>2009</b>	<b>5,700</b>	<b>7</b>	<b>17</b>	<b>55</b>	<b>79</b>	<b>5,500</b>	<b>94</b>	<b>94</b>

1/ Data rounds to less than 0.5 percent.

# FERTILIZER USAGE

## CLASSIFIED FERTILIZER SALES INDIANA, 2003-2008 <sup>1/</sup>

Year by Seasons <sup>2/</sup>	Total Tons Fertilizer	Tons Based on Actual Nutrients		
		N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O
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
2008 Spring	1,514,557	408,811	114,101	179,979
2007-2008 Total	2,402,392	545,359	209,833	390,785
2008 Fall	698,743	127,512	64,651	139,267

<sup>1/</sup> Data from Indiana State Chemist, Department of Biochemistry, Purdue University.  
<sup>2/</sup> The spring season includes January 1 through June 30 and the fall season includes July 1 through December 31.

"Lazy Days"  
 Photographer ~~ Shanae Spinks  
 Age 10, Linton, IN



# CROP PRODUCTION COSTS

## CORN AND SOYBEAN PRODUCTION COSTS AND RETURNS HEARTLAND REGION 1/, 2007-2008

Item	Corn		Soybeans	
	2007	<b>2008</b>	2007	<b>2008</b>
	<u>Dollars per Planted Acre</u>			
Total, Gross Value of Production (Excluding Direct Government Payments)	501.27	<b>651.74</b>	400.76	<b>502.58</b>
Operating Costs:				
Seed	49.40	<b>61.29</b>	38.54	<b>42.98</b>
Fertilizer	96.13	<b>158.22</b>	15.62	<b>27.99</b>
Soil Conditioners <u>2/</u>	0.00	<b>0.00</b>	0.00	<b>0.00</b>
Manure	0.00	<b>0.00</b>	0.00	<b>0.00</b>
Chemicals	26.55	<b>27.57</b>	14.49	<b>15.84</b>
Custom Operations <u>3/</u>	9.80	<b>9.80</b>	5.54	<b>5.54</b>
Fuel, Lube, and Electricity	25.00	<b>32.64</b>	12.14	<b>15.77</b>
Repairs	13.11	<b>13.46</b>	10.88	<b>11.25</b>
Interest on Operating Capital	4.85	<b>2.24</b>	2.18	<b>2.67</b>
Total, Operating Costs	224.84	<b>305.22</b>	99.39	<b>122.04</b>
Allocated Overhead:				
Hired Labor	1.51	<b>1.56</b>	1.38	<b>1.54</b>
Opportunity Cost of Unpaid Labor	21.24	<b>21.96</b>	17.26	<b>19.24</b>
Capital Recovery of Machinery and Equipment	66.73	<b>71.97</b>	70.42	<b>78.51</b>
Opportunity Cost of Land (rental rate)	110.48	<b>123.66</b>	122.02	<b>136.04</b>
Taxes and Insurance	6.88	<b>7.64</b>	9.56	<b>10.66</b>
General Farm Overhead	13.00	<b>13.35</b>	16.26	<b>18.12</b>
Total, Allocated Overhead	219.84	<b>240.14</b>	236.90	<b>264.11</b>
Total, Costs Listed	444.68	<b>545.36</b>	336.29	<b>386.15</b>
Value of Production Less Total Costs Listed	56.59	<b>106.38</b>	64.47	<b>116.42</b>
Value of Production Less Operating Costs	276.43	<b>346.52</b>	301.37	<b>380.53</b>
Supporting Information:				
Yield (bushels per planted acre)	155	<b>158</b>	49	<b>46</b>
Price (dollars per bushel at harvest)	3.23	<b>4.12</b>	8.22	<b>11.04</b>
Enterprise size (planted acres) <u>1/</u>	281	<b>281</b>	299	<b>299</b>
Production Practices <u>4/</u> <u>5/</u>				
Irrigated (percent)	5	<b>5</b>	4	<b>4</b>
Dryland (percent)	95	<b>95</b>	96	<b>96</b>

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