

# CROPS



"Good-bye Bugs"  
Photographer ~~ Cameron Moore  
Age 18, Howe, IN

"Bean Rows"  
Photographer ~~ Austin Howay  
Age 11, Galveston, IN



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

**RECORD HIGHS & LOWS**  
**GRAIN & HAY STOCKS**  
**FERTILIZER USAGE**

**YIELD TRENDS**  
**FARM MARKETINGS**  
**CROP PRODUCTION COSTS**

## CROP HIGHLIGHTS

**ACREAGE:** Indiana's five major field crops totaled nearly 12.0 million acres for harvest during 2010, down slightly from 2009. Corn acreage for harvest was up five percent from a year ago, while soybean acreage for harvest was down two percent. Winter wheat acreage harvested was down 49 percent from a year ago, but all hay harvested acreage was up 8 percent from the 2009 level. Oat acreage for harvest increased 14 percent from 2009. Other crops showing harvested acreage changes were tomatoes for fresh market, up 13 percent while tomatoes for processing decreased 2 percent. Sweet corn acreage for harvest increased 7 percent, while watermelon harvested acreage decreased 4 percent from 2009. In addition, snap beans for processing increased 25 percent, while cucumbers for processing decreased 20 percent from 2009. Furthermore, cantaloupes for fresh market increased 5 percent.

**YIELDS:** The 2010 growing season got off to a quick start during April and early May. Corn planting moved at a record pace and by May 2nd, 71 percent of the crop had already been planted. However, rain showers during the last 3 weeks of May slowed planting to a more average pace. Wet weather continued throughout June slowing soybean planting and making harvest of hay crops difficult. Winter wheat harvest moved at a good pace with minor rain delays. Wheat yields were average with some disease issues and low test weights reported. July brought warmer temperatures and adequate moisture to sustain the crops in most areas. However, by the second week of August, hot and dry conditions had begun to deplete topsoil moisture placing stress on the major field crops. Extremely dry conditions continued throughout the fall forcing the corn and soybean crops to mature very rapidly and pasture conditions to plummet. By October 10th, harvest of both corn and soybeans was moving at record setting paces with 80 percent of the corn harvested and 79 percent of the soybean crop harvested. The majority of

counties in Indiana were under burn bans due to the drought and several combine fires were reported. Many farmers hesitated to plant winter wheat as there was insufficient soil moisture for germination to occur in many areas. Ninety-eight percent of both the corn and soybean crops had been harvested by the end of October.

The average yield for corn in 2010 was 157 bushels per acre, 14 bushels below the 2009 yield. Soybeans yielded 48.5 bushels per acre, just .5 bushel below 2009. The average yield for winter wheat, at 60 bushels per acre, was 7 bushels below the previous year's yield of 67 bushels per acre. The average oat yield of 66 bushels per acre was down 3 bushels from the previous year's yield of 69 bushels per acre. All hay yield at 2.83 tons per acre was up from the 2009 yield of 2.77 tons per acre. Popcorn averaged 4,700 pounds per acre, up 400 pounds from the 4,300 pounds per acre produced a year earlier.

**PRODUCTION:** Corn produced during 2010 totaled 898.0 million bushels, 4 percent below the 2009 level of 933.7 million bushels. Soybean production was 258.5 million bushels, 3 percent below the 266.6 million bushels produced a year earlier. Winter wheat production decreased 54 percent from a year earlier, to 13.8 million bushels. Popcorn production totaled 296.1 million pounds, 15 percent above the 2009 level. Oat production of 528 thousand bushels was 9 percent above the 483 thousand bushels produced in 2009. All hay production, at 1.89 million tons, increased 10 percent. Peppermint production increased 39 percent while spearmint production increased 63 percent from 2009. Apple production decreased 13 percent to 26.0 million pounds. Blueberry production totaled 3.6 million pounds, a 3 percent decrease from the previous year.



"Summertime in Indiana"  
Photographer ~~ Michelle Bruggeman  
Age 16, Portland, 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	171.0	2009	22.0	1901	
Total Production	Bushels	980,980,000	2007	52,275,000	1869	
<b><u>Corn for Silage</u></b>						
Harvested Acreage	Acres	225,000	1974	51,000	1943	1919
Yield Per Acre	Tons	<b>21.0</b>	<b>2010</b>	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	<b>230,000</b>	<b>2010</b>	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	5,000	2008	1866
Yield Per Acre	Bushels	80.0	2006	15.5	1934	
Total Production	Bushels	86,469,000	1928	375,000	2008	
<b><u>Rye <sup>2/</sup></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	590,000	2008	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.

<sup>2/</sup> Estimates discontinued in 1999.

# 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	<b>60</b>	<b>2010</b>	18	1943	
Total Production	Pounds	1,104,000	1998	161,000	1960	
<b><u>Spearmint Oil</u></b>						
Harvested Acreage	Acres	15,200	1948	1,400	2008	1939
Yield Per Acre	Pounds	<b>78</b>	<b>2010</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	800	2009	1918
Yield Per Acre	Cwt	165	2001	45	1934	
Total Production	Cwt	428,000	1925	<b>108,000</b>	<b>2010</b>	
<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.

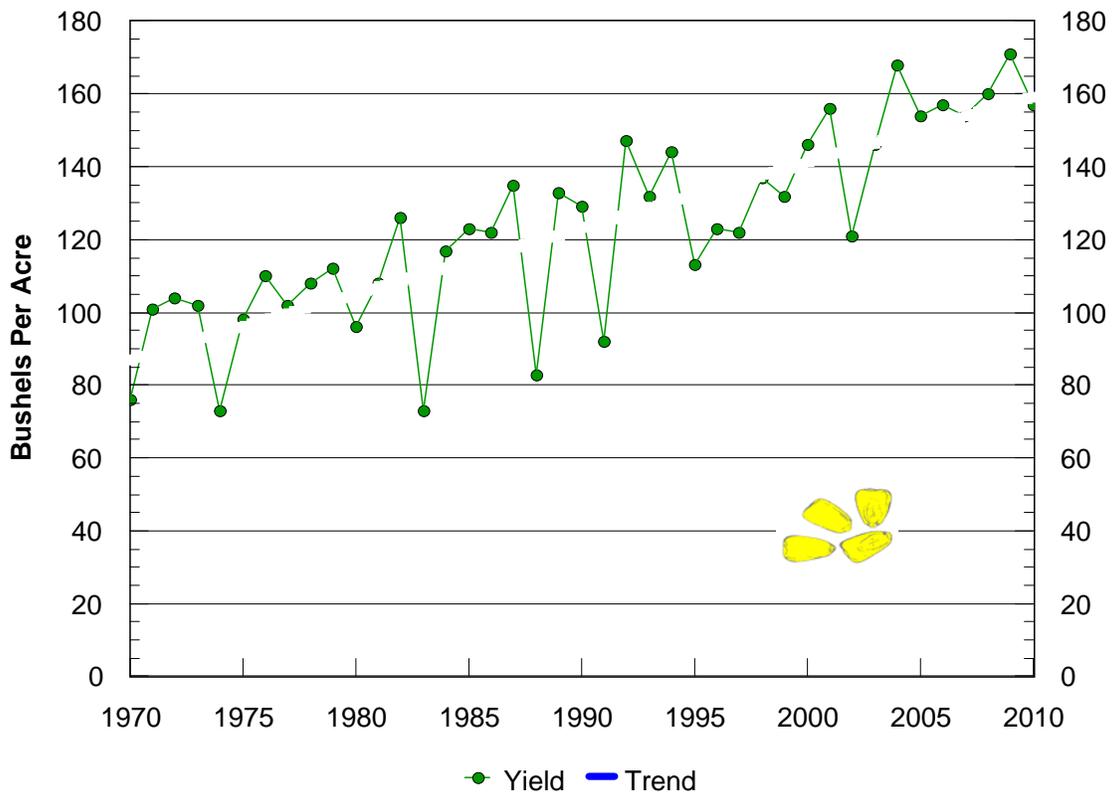
<sup>3/</sup> Virtually no production because of freeze damage in 1982, 1985 and 1994.

# CROP SUMMARY

## CORN FORECAST AND FINAL YIELD INDIANA, 1987-2010

Year	August Forecast	September Forecast	October Forecast	November Forecast	Final Yield Per Acre
	Yield (Bu)	Yield (Bu)	Yield (Bu)	Yield (Bu)	(Bushels)
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
2008	164	162	160	160	160
2009	163	163	166	166	171
<b>2010</b>	<b>176</b>	<b>170</b>	<b>160</b>	<b>160</b>	<b>157</b>

Corn Yield Trend  
Indiana, 1970-2010

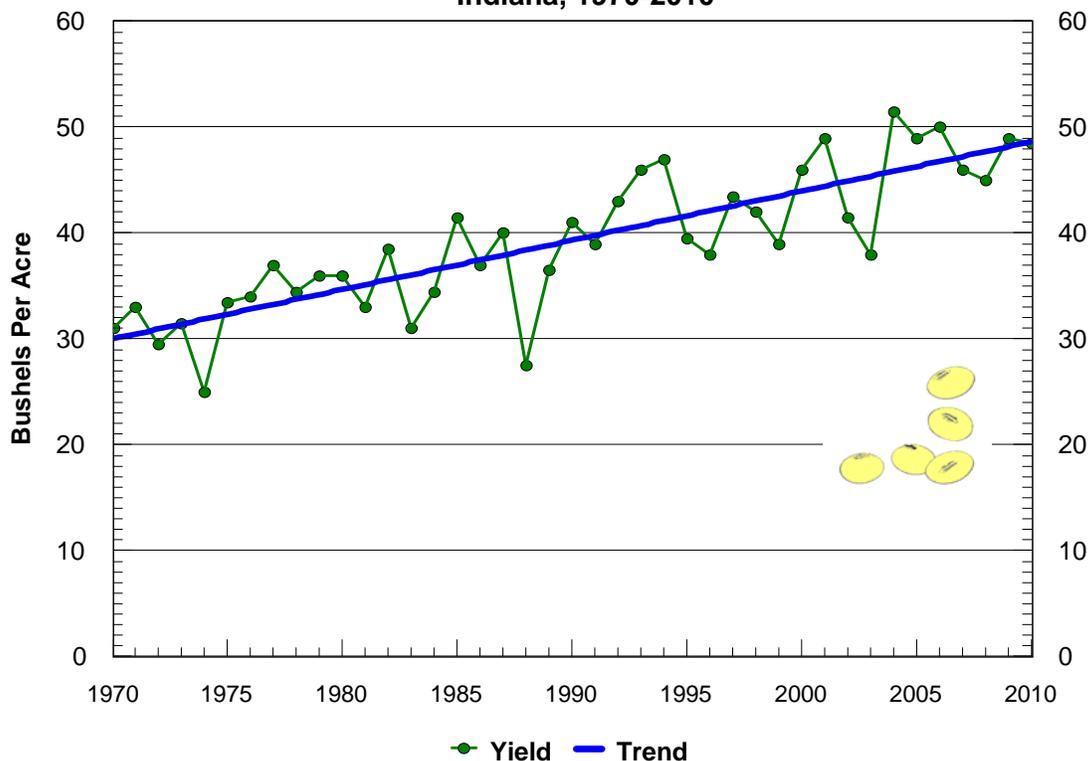


# CROP SUMMARY

## SOYBEAN FORECAST AND FINAL YIELD INDIANA, 1987-2010

Year	August Forecast Yield (Bu)	September Forecast Yield (Bu)	October Forecast Yield (Bu)	November Forecast Yield (Bu)	Final Yield Per Acre (Bushels)
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	45.0	45.0	51.0	53.0	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
2008	46.0	43.0	42.0	44.0	45.0
2009	45.0	43.0	43.0	46.0	49.0
<b>2010</b>	<b>49.0</b>	<b>50.0</b>	<b>50.0</b>	<b>50.0</b>	<b>48.5</b>

Soybean Yield Trend  
Indiana, 1970-2010



# CROP SUMMARY

## FIELD CROP SUMMARY: ACREAGE, YIELD, PRODUCTION & VALUE INDIANA, 2006-2010

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>						
2006	5,500	---	---	---	---	---
2007	6,500	---	---	---	---	---
2008	5,700	---	---	---	---	---
2009	5,600	---	---	---	---	---
<b>2010</b>	<b>5,900</b>	---	---	---	---	---
<b>Corn for Grain (Bushels)</b>						
2006	---	5,380	157.0	844,660	3.17	2,677,572
2007	---	6,370	154.0	980,980	4.39	4,306,502
2008	---	5,460	160.0	873,600	4.10	3,581,760
2009	---	5,460	171.0	933,660	3.66	3,417,196
<b>2010</b>	---	<b>5,720</b>	<b>157.0</b>	<b>898,040</b>	<b>5.50</b>	<b>4,939,220</b>
<b>Corn for Silage (Tons)</b>						
2006	---	100	21.0	2,100	---	---
2007	---	110	18.5	2,035	---	---
2008	---	110	20.0	2,200	---	---
2009	---	110	20.0	2,200	---	---
<b>2010</b>	---	<b>130</b>	<b>21.0</b>	<b>2,730</b>	---	---
<b>Soybeans (Bushels)</b>						
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
2008	5,450	5,430	45.0	244,350	10.20	2,492,370
2009	5,450	5,440	49.0	266,560	9.80	2,612,288
<b>2010</b>	<b>5,350</b>	<b>5,330</b>	<b>48.5</b>	<b>258,505</b>	<b>11.80</b>	<b>3,050,359</b>
<b>Wheat (Bushels)</b>						
2006	470	460	68.0	31,280	3.41	106,665
2007	420	370	56.0	20,720	5.20	107,744
2008	580	560	69.0	38,640	5.91	228,362
2009	470	450	67.0	30,150	4.27	128,741
<b>2010</b>	<b>250</b>	<b>230</b>	<b>60.0</b>	<b>13,800</b>	<b>5.35</b>	<b>73,830</b>
<b>Oats (Bushels)</b>						
2006	25	14	80.0	1,120	2.10	2,352
2007	25	8	53.0	424	3.75	1,590
2008	15	5	75.0	375	3.90	1,463
2009	15	7	69.0	483	3.39	1,637
<b>2010</b>	<b>20</b>	<b>8</b>	<b>66.0</b>	<b>528</b>	<b>3.70</b>	<b>1,954</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, 2006-2010 (continued)

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>Popcorn (Pounds)</b>						
2006	51	48	4,100	196,800	0.104	20,467
2007	70	69	4,200	289,800	0.144	41,731
2008	62	61	4,500	274,500	0.189	51,881
2009	62	60	4,300	258,000	0.161	41,538
<b>2010</b>	<b>65</b>	<b>63</b>	<b>4,700</b>	<b>296,100</b>	<b>0.161</b>	<b>47,672</b>
<b>All Hay (Tons)</b>						
2006	---	630	3.36	2,119	98.50	209,165
2007	---	610	2.32	1,416	151.00	213,192
2008	---	590	3.16	1,867	144.00	268,169
2009	---	620	2.77	1,720	124.00	213,120
<b>2010</b>	<b>---</b>	<b>670</b>	<b>2.83</b>	<b>1,894</b>	<b>112.00</b>	<b>212,689</b>
<b>Alfalfa Hay (Tons)</b>						
2006	---	340	4.10	1,394	110.00	153,340
2007	---	280	2.70	756	172.00	130,032
2008	---	300	4.00	1,200	164.00	196,800
2009	---	300	3.60	1,080	144.00	155,520
<b>2010</b>	<b>---</b>	<b>300</b>	<b>3.60</b>	<b>1,080</b>	<b>134.00</b>	<b>144,720</b>
<b>All Other Hay (Tons)</b>						
2006	---	290	2.50	725	77.00	55,825
2007	---	330	2.00	660	126.00	83,160
2008	---	290	2.30	667	107.00	71,369
2009	---	320	2.00	640	90.00	57,600
<b>2010</b>	<b>---</b>	<b>370</b>	<b>2.20</b>	<b>814</b>	<b>83.50</b>	<b>67,969</b>
<b>Peppermint Oil (Pounds)</b>						
2006	---	12.0	51	612	13.40	8,201
2007	---	7.8	48	374	14.80	5,535
2008	---	6.5	45	293	19.60	5,743
2009	---	8.0	54	432	25.80	11,146
<b>2010</b>	<b>---</b>	<b>10.0</b>	<b>60</b>	<b>600</b>	<b>25.00</b>	<b>15,000</b>
<b>Spearmint Oil (Pounds)</b>						
2006	---	1.7	53	90	12.10	1,089
2007	---	1.4	56	78	12.40	967
2008	---	1.4	58	81	15.20	1,231
2009	---	1.5	57	86	16.80	1,445
<b>2010</b>	<b>---</b>	<b>1.8</b>	<b>78</b>	<b>140</b>	<b>16.60</b>	<b>2,324</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

## VEGETABLE CROP SUMMARY: ACREAGE, YIELD, PRODUCTION & VALUE INDIANA, 2006-2010

Year	Acreage Planted All Purposes	Acreage 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>Cantaloupe for Fresh Market (Cwt.)</b>						
2006	2,400	2,200	175	385	15.20	5,852
2007	2,400	2,300	180	414	16.20	6,707
2008	2,400	2,300	200	460	19.80	9,108
2009	2,400	2,200	210	462	15.00	6,930
<b>2010</b>	<b>2,400</b>	<b>2,300</b>	<b>170</b>	<b>391</b>	<b>15.80</b>	<b>6,178</b>
<b>Cucumbers for Processing (Tons)</b>						
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
2008	1,700	1,700	4.30	7.31	350.00	2,559
2009	1,500	1,500	6.41	9.62	366.00	3,521
<b>2010</b>	<b>1,500</b>	<b>1,200</b>	<b>6.25</b>	<b>7.50</b>	<b>366.00</b>	<b>2,745</b>
<b>Snap Beans for Processing (Tons)</b>						
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
2008	5,300	4,500	3.11	13.98	212.00	2,959
2009	4,600	4,400	3.56	15.65	209.00	3,277
<b>2010</b>	<b>5,600</b>	<b>5,500</b>	<b>3.09</b>	<b>17.00</b>	<b>284.00</b>	<b>4,824</b>
<b>Sweet Corn for Fresh Market (Cwt.)</b>						
2006	5,700	5,200	62	322	23.80	7,664
2007	5,800	5,400	85	459	22.90	10,511
2008	5,800	5,400	70	378	31.00	11,718
2009	6,400	6,100	69	421	40.00	16,840
<b>2010</b>	<b>6,800</b>	<b>6,500</b>	<b>92</b>	<b>598</b>	<b>24.00</b>	<b>14,352</b>
<b>Tomatoes for Fresh Market (Cwt.)</b>						
2006	1,200	1,000	110	110	67.00	7,370
2007	1,100	1,000	150	150	81.00	12,150
2008	1,000	900	160	144	94.00	13,536
2009	1,000	800	150	120	80.00	9,600
<b>2010</b>	<b>1,000</b>	<b>900</b>	<b>120</b>	<b>108</b>	<b>78.00</b>	<b>8,424</b>
<b>Tomatoes for Processing (Tons)</b>						
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
2008	9,000	8,300	30.00	249.00	100.00	24,900
2009	9,800	9,800	32.79	321.34	113.00	36,311
<b>2010</b>	<b>9,600</b>	<b>9,600</b>	<b>21.40</b>	<b>205.44</b>	<b>105.00</b>	<b>21,571</b>
<b>Watermelon for Fresh Market (Cwt.)</b>						
2006	7,500	7,400	370	2,738	9.50	26,011
2007	7,500	7,400	360	2,664	7.60	20,246
2008	7,500	7,200	380	2,736	9.90	27,086
2009	7,700	7,400	355	2,627	9.00	23,643
<b>2010</b>	<b>7,300</b>	<b>7,100</b>	<b>400</b>	<b>2,840</b>	<b>11.40</b>	<b>32,376</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, 2006-2010

Year	Total Production	Utilized Production <sup>1/</sup>	Price Per Unit <sup>2/</sup>	Value of Utilized Production <sup>2/</sup>	Production Unit
	<u>Million Pounds</u>		<u>Dollars</u>	<u>Thousand Dollars</u>	
	<b><u>Apples, Commercial (Pound)</u></b>				
2006	36.5	32.0	0.290	9,271	<u>Lbs</u>
2007	20.0	18.0	0.280	5,045	
2008	23.0	21.5	0.378	8,133	
2009	30.0	27.0	0.300	8,095	
<b>2010</b>	<b>26.0</b>	<b>24.0</b>	<b>0.403</b>	<b>9,672</b>	
	<b><u>Apples, Fresh Market (Pound)</u></b>				
2006	---	20.0	0.429	8,580	<u>Lbs</u>
2007	---	10.0	0.450	4,500	
2008	---	15.0	0.500	7,500	
2009	---	19.0	0.405	7,695	
<b>2010</b>	<b>---</b>	<b>19.0</b>	<b>0.484</b>	<b>9,196</b>	
	<b><u>Apples, Processed (Ton)</u></b>				
2006	---	12.0	115.00	691	<u>Tons</u>
2007	---	8.0	136.00	545	
2008	---	6.5	195.00	633	
2009	---	8.0	100.00	400	
<b>2010</b>	<b>---</b>	<b>5.0</b>	<b>190.00</b>	<b>476</b>	
	<b><u>Blueberries (Pound)</u></b>				
2006	3.4	3.4	1.480	5,020	<u>Lbs</u>
2007	1.6	1.4	1.920	2,690	
2008	3.8	3.8	1.530	5,824	
2009	3.7	3.7	1.510	5,584	
<b>2010</b>	<b>3.6</b>	<b>3.6</b>	<b>1.190</b>	<b>4,272</b>	
<sup>1/</sup> Excludes mature fruit not harvested for economic reasons and excess cullage of harvested fruit. <sup>2/</sup> Price for latest year shown is preliminary. It includes an allowance for marketings from December through the remainder of the marketing year.					

# GRAIN & HAY STOCKS

## CORN AND SOYBEANS STOCKS: ON-FARMS AND OFF-FARMS INDIANA, 2005-2010

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>									
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
2008	873,600	500,000	255,000	130,000	24,000	180,040	149,251	105,305	48,777
2009	933,660	570,000	300,000	140,000	18,000	187,234	180,804	109,844	55,439
<b>2010</b>	<b>898,040</b>	<b>480,000</b>	<b>230,000</b>	<b>93,000</b>		<b>181,276</b>	<b>174,421</b>	<b>106,277</b>	
<b>Soybeans</b>									
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
2008	244,350	110,000	51,000	12,000	800	65,145	43,874	29,750	5,464
2009	266,560	120,000	52,000	15,000	800	68,788	42,517	17,265	5,541
<b>2010</b>	<b>258,505</b>	<b>105,000</b>	<b>42,000</b>	<b>14,500</b>		<b>59,463</b>	<b>52,811</b>	<b>26,263</b>	

## CORN AND SOYBEANS STOCKS: TOTAL ALL POSITIONS INDIANA, 2005-2010

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>					
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
2008	873,600	680,040	404,251	235,305	72,777
2009	933,660	757,234	480,804	249,844	73,439
<b>2010</b>	<b>898,040</b>	<b>661,276</b>	<b>404,421</b>	<b>199,277</b>	
<b>Soybeans</b>					
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
2008	244,350	175,145	94,874	41,750	6,264
2009	266,560	188,788	94,517	32,265	6,341
<b>2010</b>	<b>258,505</b>	<b>164,463</b>	<b>94,811</b>	<b>40,763</b>	

# GRAIN & HAY STOCKS

## SMALL GRAINS STOCKS: ON-FARMS AND OFF-FARMS INDIANA, 2005-2010

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>									
2005	621	*	*	*	*	193	185	154	151
2006	1,120	*	*	*	*	215	95	101	125
2007	424	*	*	*	*	116	76	92	87
2008	375	*	*	*	*	127	117	113	107
2009	483	*	*	*	*	92	79	94	99
<b>2010</b>	<b>528</b>	*	*	*	*	<b>97</b>	<b>84</b>	<b>91</b>	<b>88</b>
<b>Wheat</b>									
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
2008	38,640	2,500	1,700	1,200	145	26,754	25,572	22,034	17,792
2009	30,150	3,000	1,500	1,000	400	31,140	30,192	31,500	28,022
<b>2010</b>	<b>13,800</b>	<b>600</b>	<b>500</b>	<b>360</b>	<b>80</b>	<b>32,987</b>	<b>33,988</b>	<b>36,675</b>	<b>25,252</b>

\* Not published.

## SMALL GRAINS STOCKS: TOTAL ALL POSITIONS INDIANA, 2005-2010

Crop Year	Production	Total All Positions			
		September 1	December 1	March 1 Following	June 1 Following
<b>Thousand Bushels</b>					
<b>Oats</b>					
2005	621	*	*	*	*
2006	1,120	*	*	*	*
2007	424	*	*	*	*
2008	375	*	*	*	*
2009	483	*	*	*	*
<b>2010</b>	<b>528</b>	*	*	*	*
<b>Wheat</b>					
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
2008	38,640	29,254	27,272	23,234	17,937
2009	30,150	34,140	31,692	32,500	28,422
<b>2010</b>	<b>13,800</b>	<b>33,587</b>	<b>34,488</b>	<b>37,035</b>	<b>25,332</b>

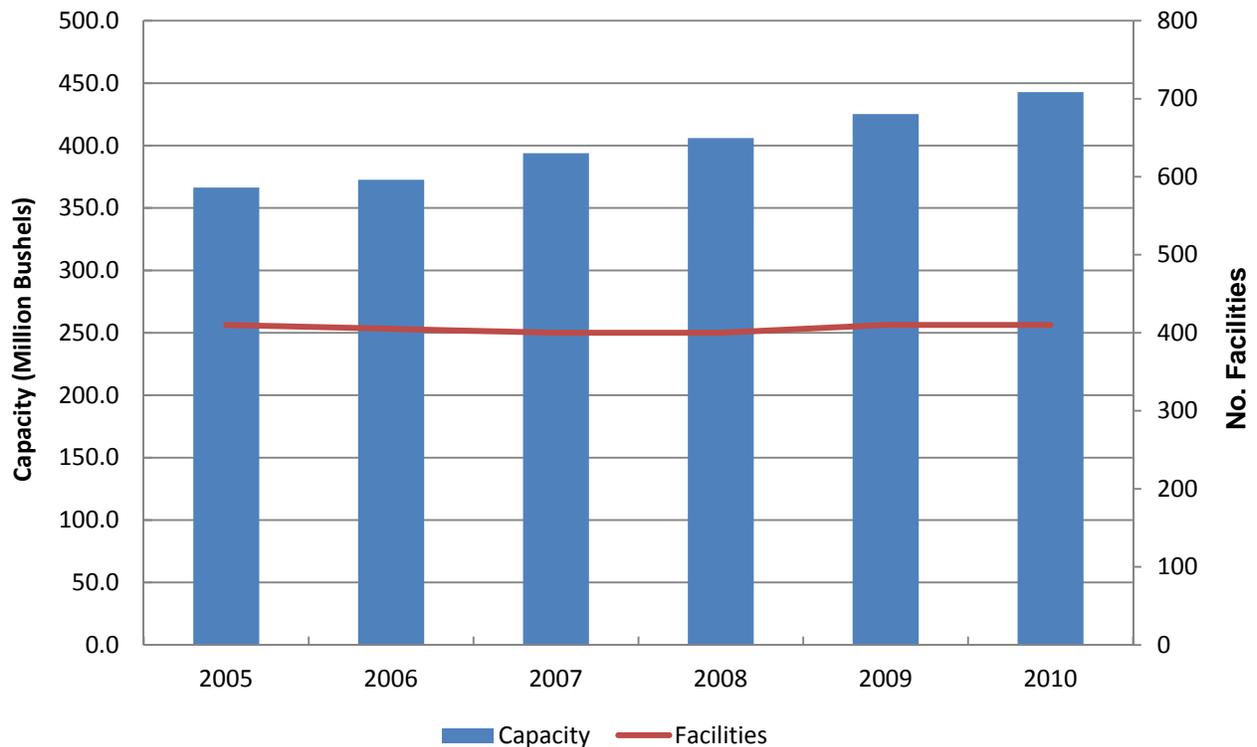
\* Not published.

# GRAIN & HAY STOCKS

## GRAIN STORAGE CAPACITY INDIANA, DECEMBER 1, 2005-2010

Date	On - Farm Rated Capacity	Off - Farm Rated Capacity	Facilities
	<u>Thousand Bushels</u>		<u>Number</u>
2005	690,000	366,300	410
2006	690,000	372,600	405
2007	710,000	393,900	400
2008	770,000	406,000	400
2009	770,000	425,200	410
<b>2010</b>	<b>770,000</b>	<b>442,800</b>	<b>410</b>

### Indiana Off-Farm Grain Storage December 1, 2005-2010



# GRAIN & HAY STOCKS

## HAY STOCKS: PRODUCTION OF HAY, TOTAL SUPPLY, AND DISAPPEARANCE ON INDIANA FARMS, 2005-2010

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>					
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
2008	1,867	1,191	185	1,960	1,775
2009	1,720	1,360	198	1,905	1,707
<b>2010</b>	<b>1,894</b>	<b>1,200</b>	<b>225</b>	<b>2,092</b>	<b>1,867</b>

"Harvest Time"

Photographer ~- Olivia Fields  
Age 11, Terre Haute, IN



## PASTURE CONDITION MONTHLY, INDIANA, 2010

Month	Very Poor	Poor	Fair	Good	Excellent
<b>Percent</b>					
April	1	4	23	55	17
May	0	1	20	56	23
June	0	2	17	55	26
July	1	5	23	51	20
August	6	16	33	38	7
September	24	30	32	13	1
October	50	27	17	6	0

# FARM MARKETINGS

## FARM MARKETING OF FIELD CROPS PERCENT OF OPEN MARKET FARM SALES, BY MARKETING YEAR MONTHS INDIANA, 2004-2010

Year	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
<u>Corn</u>												
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
2007-08	10	16	9	8	20	6	6	6	7	5	4	3
2008-09	4	16	11	6	16	7	9	6	7	6	5	7
<b>2009-10</b>	<b>4</b>	<b>7</b>	<b>19</b>	<b>8</b>	<b>15</b>	<b>6</b>	<b>9</b>	<b>6</b>	<b>7</b>	<b>5</b>	<b>8</b>	<b>6</b>
<u>Soybeans</u>												
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
2007-08	14	28	7	5	20	6	6	4	3	3	2	2
2008-09	8	20	5	6	17	9	10	9	6	3	4	3
<b>2009-10</b>	<b>6</b>	<b>23</b>	<b>14</b>	<b>6</b>	<b>18</b>	<b>6</b>	<b>8</b>	<b>5</b>	<b>3</b>	<b>4</b>	<b>4</b>	<b>3</b>
Year	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
<u>Wheat</u>												
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
2007-08	36	50	10	1	---	---	---	2	---	1	---	---
2008-09	10	46	6	6	---	1	2	---	4	11	4	3
<b>2009-10</b>	<b>26</b>	<b>44</b>	<b>11</b>	<b>3</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>8</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>

## ROW SPACING & BIOTECHNOLOGY

### CORN FOR GRAIN AND SOYBEANS PLANT POPULATION AND AVERAGE WIDTH INDIANA, 2005-2010 <sup>1/</sup>

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.
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
2008	202	30.0	28,350	27,700	187	14.0	1,659
2009	152	29.7	28,350	27,950	159	14.9	1,594
<b>2010</b>	<b>136</b>	<b>29.9</b>	<b>28,350</b>	<b>27,750</b>	<b>153</b>	<b>14.6</b>	<b>1,879</b>

<sup>1/</sup> 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, 2005-2011

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) Acres</u>		<u>Percent</u>
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
2009	5,600	7	17	55	79	5,450	94	94
2010	5,900	7	20	56	83	5,350	95	95
<b>2011</b>	<b>5,900</b>	<b>7</b>	<b>22</b>	<b>56</b>	<b>85</b>	<b>5,300</b>	<b>96</b>	<b>96</b>

<sup>1/</sup> Data rounds to less than 0.5 percent.

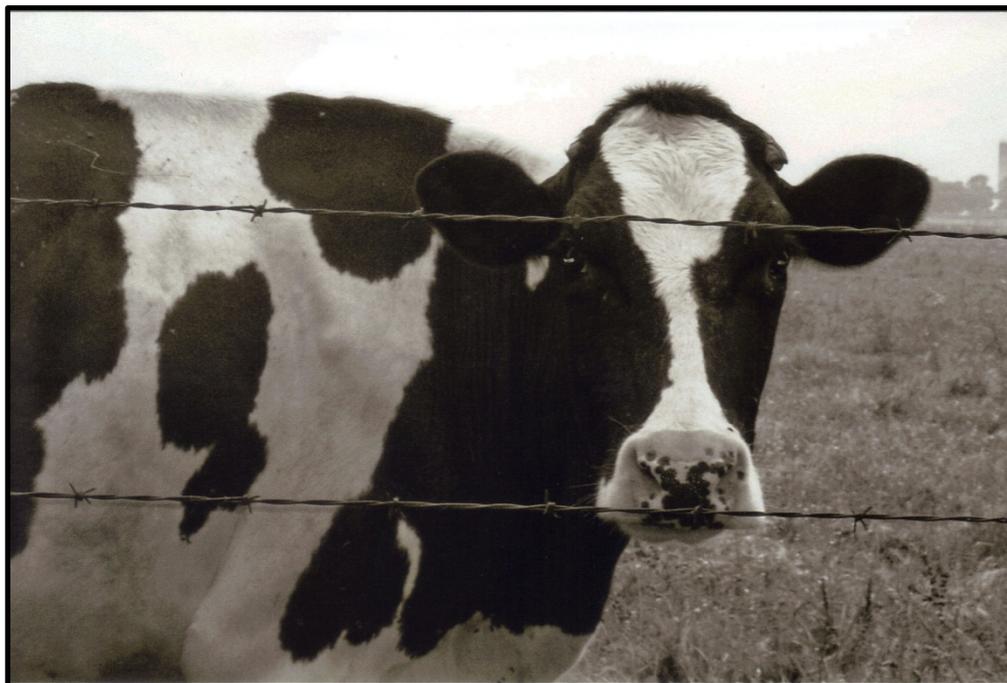
# FERTILIZER USAGE

## CLASSIFIED FERTILIZER SALES INDIANA, 2005-2010 <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
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
2009 Spring	1,398,276	409,712	99,626	137,020
2008-2009 Total	2,097,019	537,224	164,277	276,287
2009 Fall	773,940	133,945	83,483	153,957
2010 Spring	646,640	154,304	53,932	80,129
2009-2010 Total	1,420,580	288,249	137,415	234,086
2010 Fall	1,147,549	130,200	107,985	224,684

<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.

“By the Pasture Fence”  
 Photographer ~~ Aleesha Goodwin  
 Age 13, Geneva, IN



# CROP PRODUCTION COSTS

## CORN AND SOYBEAN PRODUCTION COSTS AND RETURNS HEARTLAND REGION 1/, 2009-2010

Item	Corn		Soybeans	
	2009	2010	2009	2010
<u>Dollars per Planted Acre</u>				
Total, Gross Value of Production (Excluding Direct Government Payments)	607.18	<b>676.74</b>	502.86	<b>505.41</b>
Operating Costs:				
Seed	80.61	<b>85.07</b>	53.50	<b>57.49</b>
Fertilizer	139.58	<b>105.82</b>	22.01	<b>16.88</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	30.35	<b>30.08</b>	16.87	<b>16.64</b>
Custom Operations <u>3/</u>	10.67	<b>10.80</b>	6.03	<b>5.50</b>
Fuel, Lube, and Electricity	22.04	<b>26.79</b>	10.48	<b>13.01</b>
Repairs	13.72	<b>13.98</b>	11.47	<b>11.69</b>
Interest on Operating Capital	0.43	<b>0.27</b>	0.17	<b>1.21</b>
Total, Operating Costs	297.40	<b>272.81</b>	120.53	<b>122.42</b>
Allocated Overhead:				
Hired Labor	1.59	<b>1.61</b>	1.26	<b>1.27</b>
Opportunity Cost of Unpaid Labor	22.44	<b>22.68</b>	15.67	<b>15.84</b>
Capital Recovery of Machinery and Equipment	77.56	<b>79.66</b>	71.33	<b>73.26</b>
Opportunity Cost of Land (rental rate)	142.36	<b>146.58</b>	127.92	<b>174.63</b>
Taxes and Insurance	7.46	<b>7.57</b>	10.68	<b>9.29</b>
General Farm Overhead	13.61	<b>13.87</b>	14.62	<b>14.90</b>
Total, Allocated Overhead	265.02	<b>271.97</b>	241.48	<b>289.19</b>
Total, Costs Listed	562.42	<b>544.78</b>	362.01	<b>411.61</b>
Value of Production Less Total Costs Listed	44.76	<b>131.96</b>	140.85	<b>93.80</b>
Value of Production Less Operating Costs	309.78	<b>403.93</b>	382.33	<b>382.99</b>
Supporting Information:				
Yield (bushels per planted acre)	168	<b>154</b>	51	<b>51</b>
Price (dollars per bushel at harvest)	3.61	<b>4.39</b>	9.86	<b>9.91</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