INDIANA AGRICULTURAL STATISTICS - 1988

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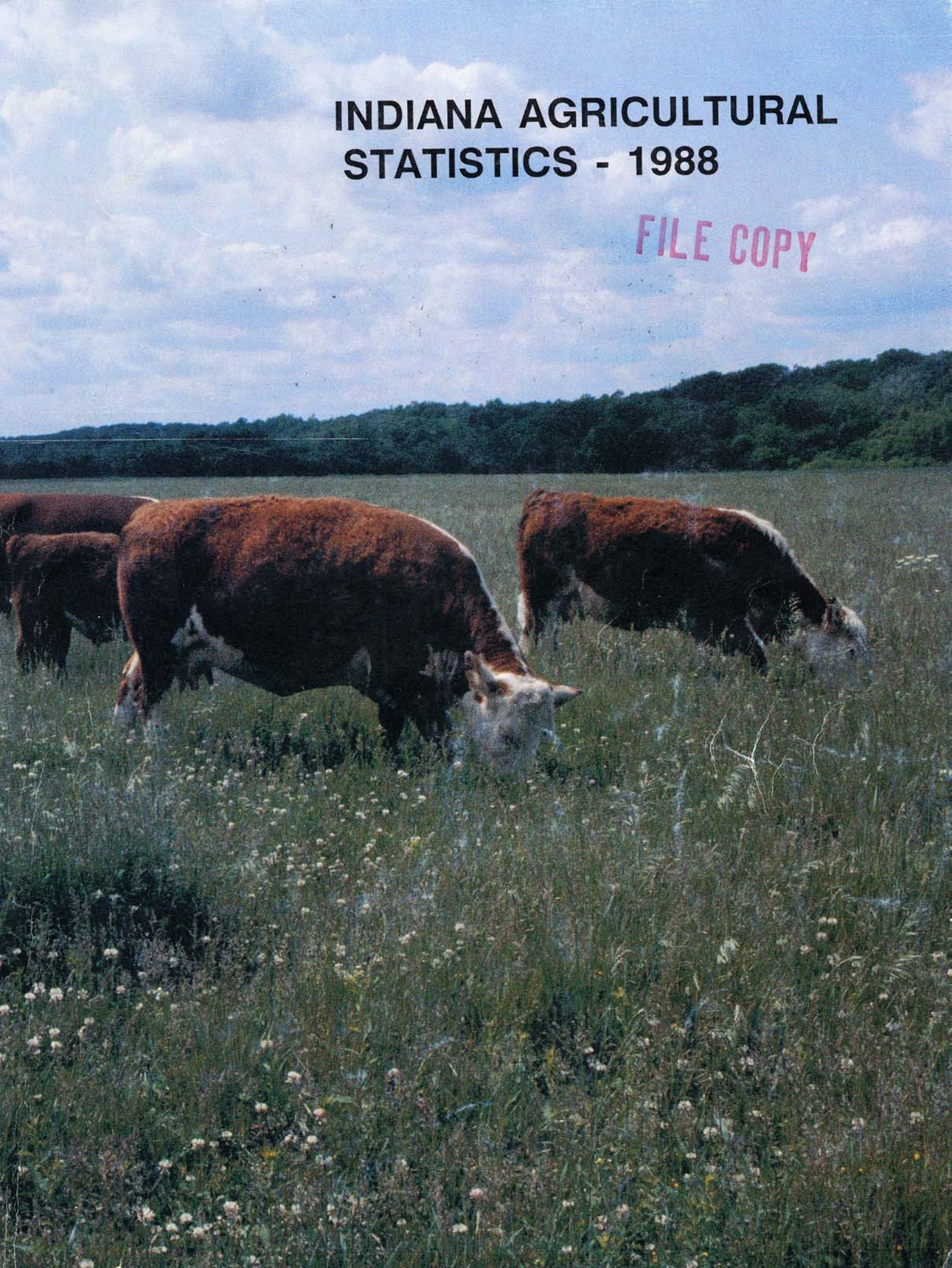

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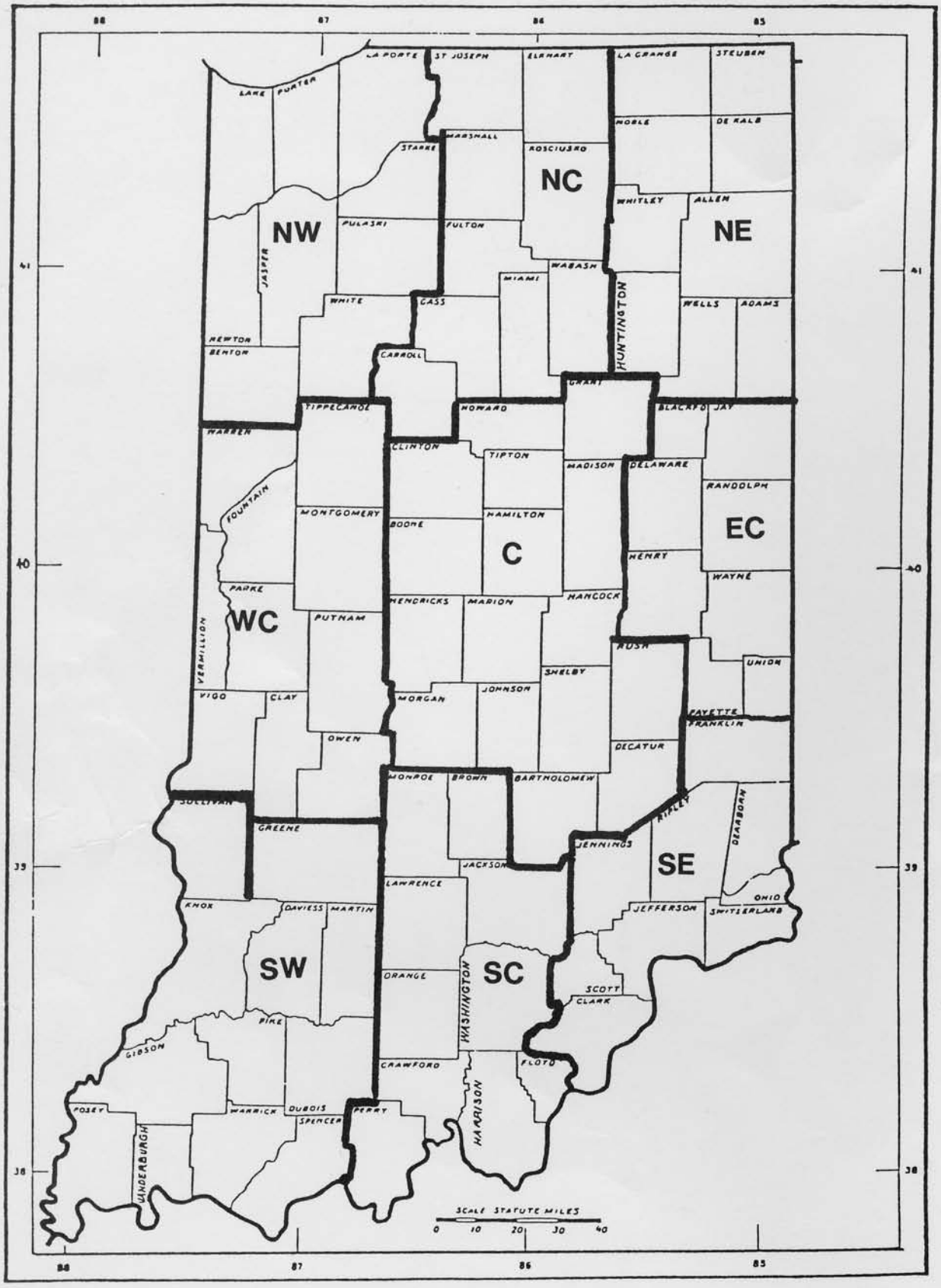

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INDIANA AGRICULTURAL STATISTICS - 1988

compiled by

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WEATHER IN INDIANA DURING 1988

The winter of 1988 was rather unremarkable, without clues to the devastating drought that was to follow in the spring and summer. January and February temperatures averaged 1 to 3 degrees below normal as cold periods overshadowed the warm, but winter minimums were not unusaually severe. Minimums in the 5 to 15 below zero range occurred in early January and again in mid February, producing minor winter injury to wheat and fruit crops.

Only light precipitation and a virtualy lack of snow cover in January allowed the ground to freeze to depths of 8 to 15 inches. Snow cover developed in early February to cap off cooling from the ground surface, and soil temperatures levelled off in the low to mid 30s at the four inch depth. Maximum snow depth reached 2 to 4 inches in the south, 4 to 9 inches central, and 6 to 12 inches across the north before the cover melted off in late February.

An early March warmup thawed the ground in all areas by the middle of the month. Through precipitation for March was below normal, it was well distributed through the month and extended into the first week of April. Cumulative totals since the first of January were lagging behind normal, but most fields were wet enough to hamper field work until mid April. Since considerable progress had been made with tillage the previous fall, field operations stayed ahead of schedule despite the slower drying rates of April.

The downturn in temperatures in April, following a relatively warm March resulted in some damage to fruit buds. Buds forced ahead of schedule by the early warming were hit by freezing temperatures during the third week of April. Many apple buds were caught at their most vulnerable stages of blossoming, while peaches were already in post bloom.

Drier weather dominated the latter half of April, and field work accelerated as May arrived. Soil temperatures reached the upper 40s north and as high as the lower 60s in southern Indiana by the end of April, and the readings gained another ten degrees during May. The air temperature contrast in May was more dramatic. Readings in the 30s and 40s at the beginning of the month were followed by Memorial Day temperatures in the 90s.

Meanwhile, the lack of adequate rainfall caused growing concern. A timely episode of rain in late May was not enough to eliminate the growing shortage of topsoil moisture nor allay the fears of drought. June, in fact, brought the object of those fears to full realization. After less than half of the normal rainfall in May, less than a quarter of normal fell during June. Totals of a half inch to an inch around the state represented the driest June on record and resulted in the most intense and widespread drought since the 1930s.

WEATHER IN INDIANA DURING 1988(continued)

Hand in hand with the dry landscape came extreme temperatures, with maximums reaching the upper 90s and 100s during the last week of June. Soil temperatures reached the lower 80s at the four inch depth, while moisture levels sank deeper out of reach of struggling seedlings. Falling soybeans forced replantings in many fields as seed lay in wait for rain.

Significant rains did not return until mid July, and for the rest of the summer crops rapidly consumed whatever moisture came their way. Normal yields of corn and soybeans could not be rescued despite the rains of July and August, and serious soil moisture deficits remained. Hay and forage production suffered a severe decline early in the season, and recovered only gradually during the late summer period.

Abnormally high temperatures persisted through August and into early September, along with higher humidities to add to the stress on people and livestock. The number of days with temperatures of 90 degrees or higher in 1988 ranged between 45 and 60 over the length of Indiana, nearly three times the normal in the north and 50 percent above normal in the southwest.

Below normal precipitation in September failed to provide any late season boost for filling of grain crops or sizing of fruit crops. The dry weather extending into mid October accelerated drydown in the field though, and benefitted early harvest. Later harvest met with some interference from wet weather, but the newly arrived moisture was quickly absorbed by the soils.

Temperatures made a sharp reversal in October, with a freeze occurring in all areas of the state within the first two weeks and temperatures for the entire month averaging 7 to 8 degrees below normal. In a pattern similar to the previous year, the cool and relatively dry October gave way to a wet and relatively mild November.

Above normal precipitation between mid October and mid December trimmed 2 to 3 inches from the deficit created by the dry summer, but the annual totals for the calendar year 1988 were still as much as 8 to 10 inches below normal over large portions of northwest and central Indiana. Topsoils became saturated by the fall rains, while subsoil and ground water deficits were carried forward into the new year.

--John W. Kottke-Agricultural Meteorologist, National Weather Service, Mid-west Ag Weather Service Center, West Lafayette, Indiana.

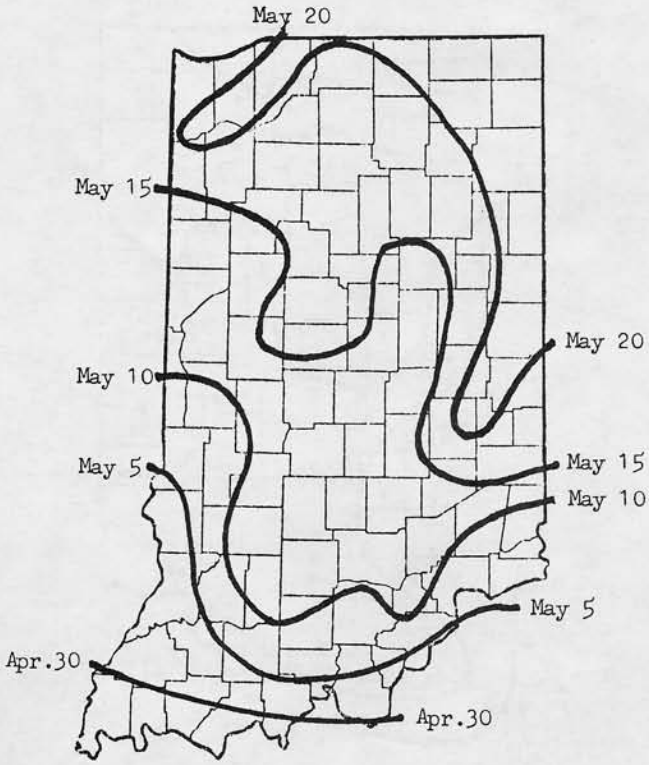

Figure 1: 10% Probability For Frost (32°F) After The Date.

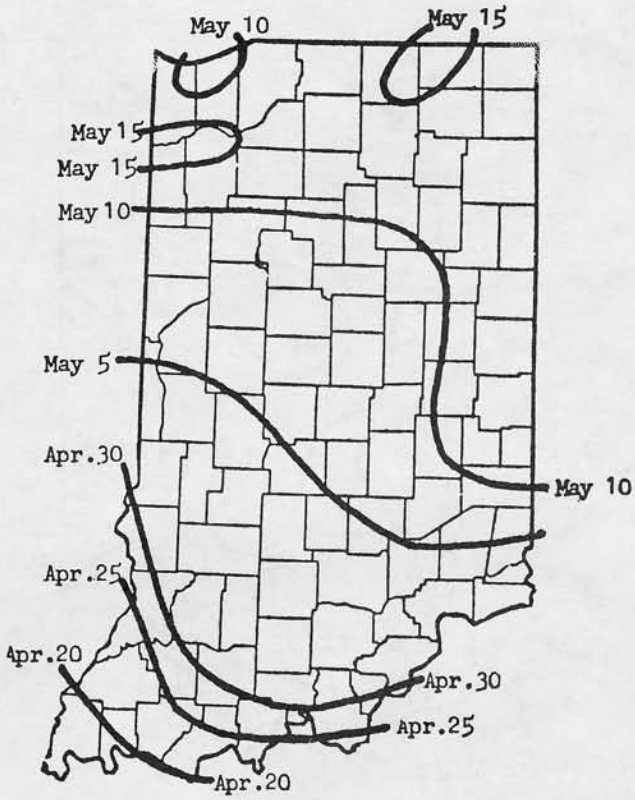

Figure 2: 25% Probability For Frost (32°F) After The Date.

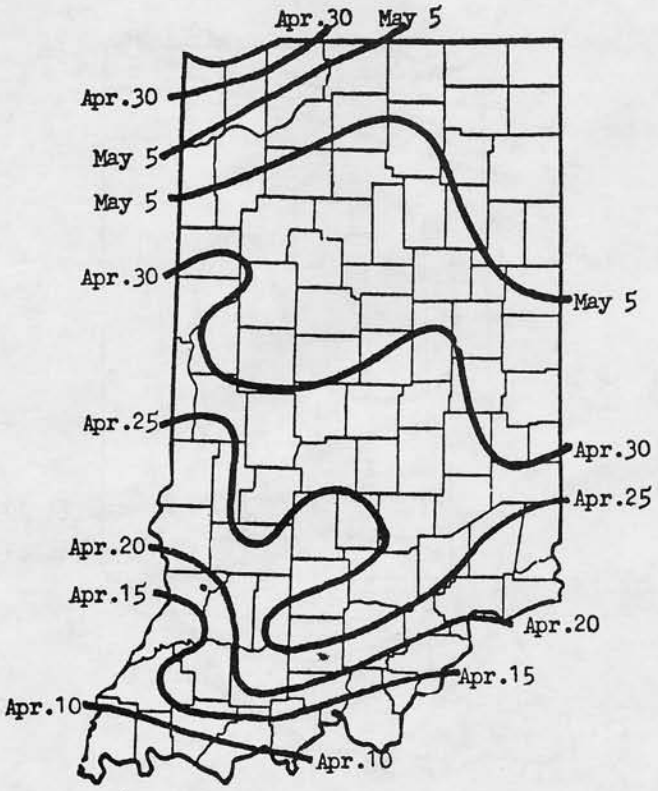

Figure 3: 50% Probability For Frost (32°F) After The Date.

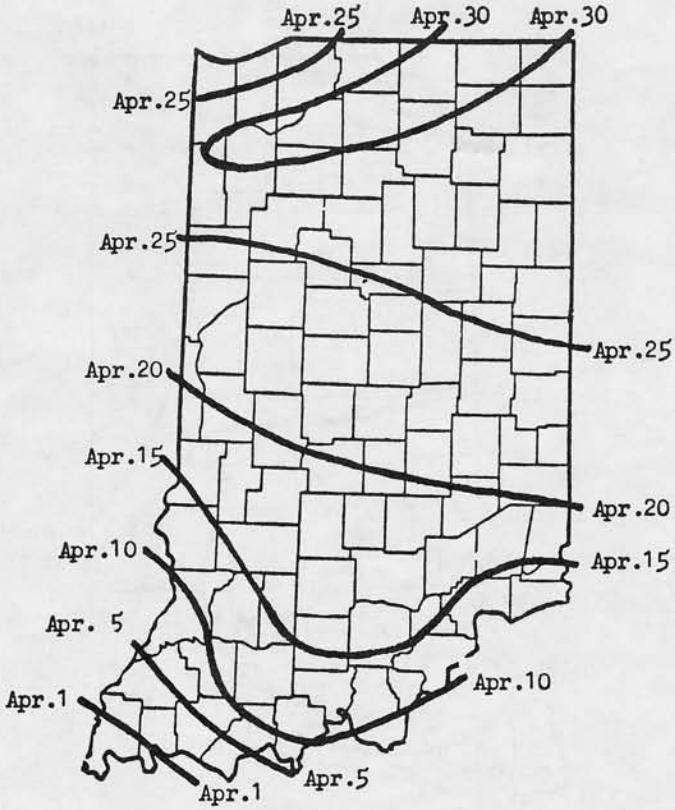

Figure 4: 75% Probability For Frost (32°F) After The Date.

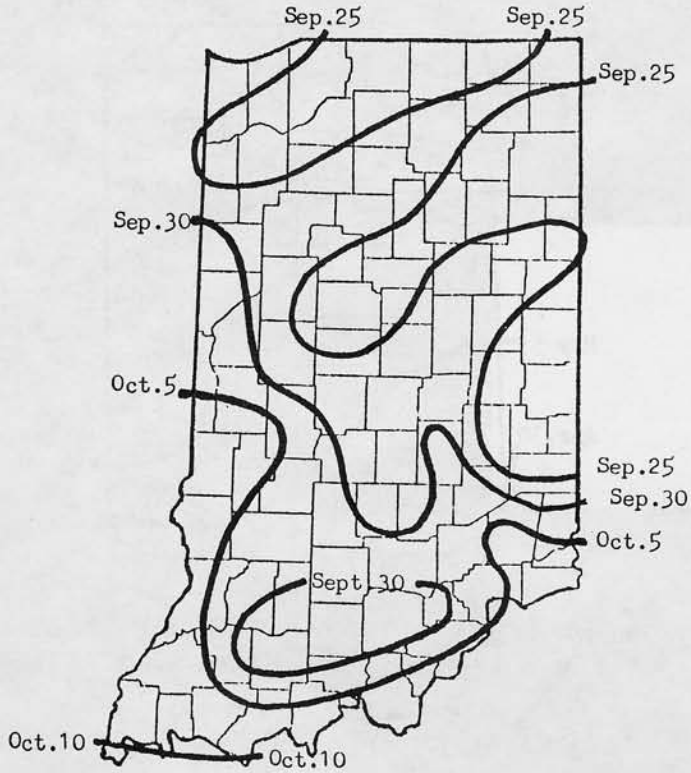

Figure 5: 10% Probability For Frost (32°F) Before The Date.

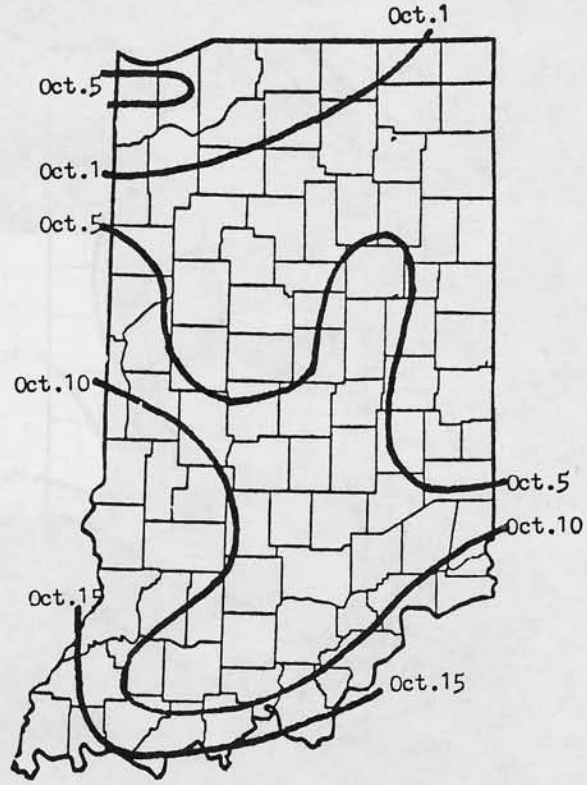

Figure 6: 25% Probability For Frost (32°F) Before The Date.

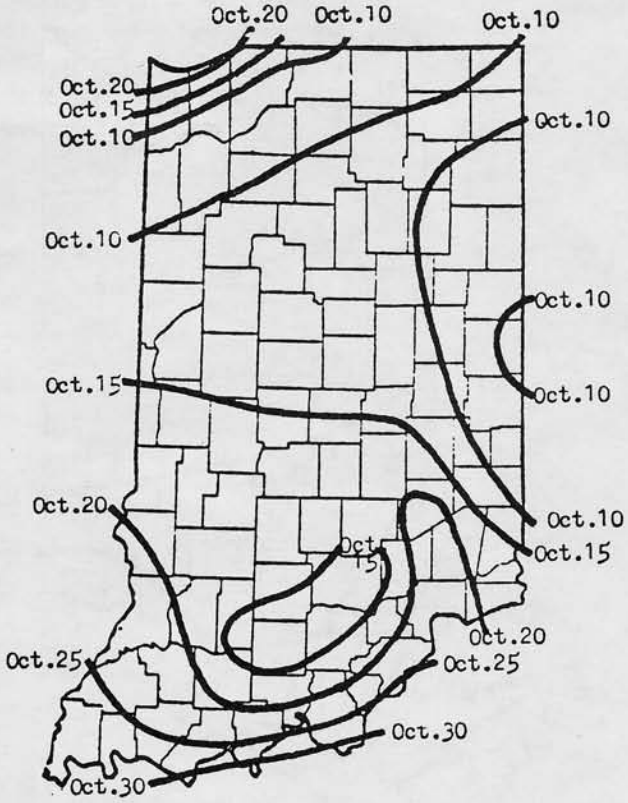

Figure 7: 50% Probability For Frost (32°F) Before The Date.

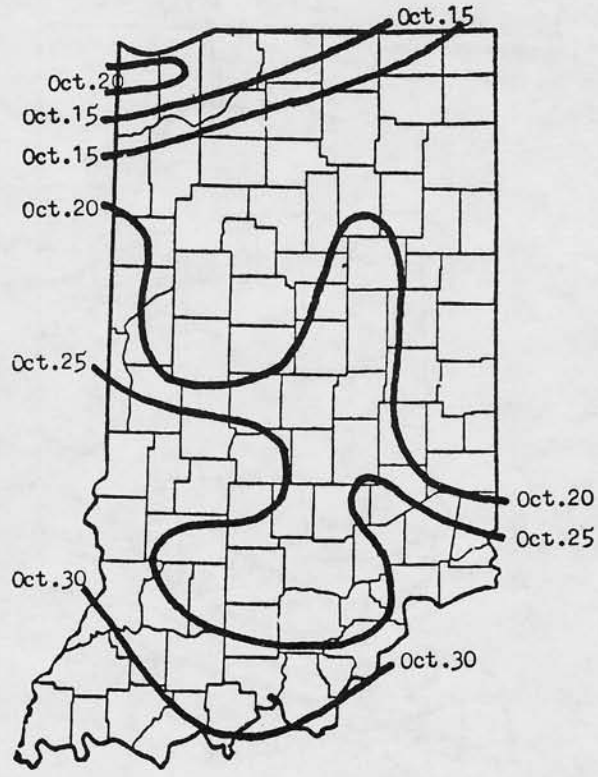

Figure 8: 75% Probability For Frost (32°F) Before The Date.

Estimated Growing Degree Days for 7 Days at Midmonth, Normals, Indiana

District	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
NW	0	1	12	42	83	138	159	150	109	61	18	1
NC	0	1	12	42	83	136	157	146	106	58	18	1
NE	0	0	11	41	83	135	156	147	106	58	18	1
WC	0	3	15	52	94	148	167	157	117	66	20	3
C	1	3	15	51	93	145	164	153	114	63	20	4
EC	0	2	14	47	87	138	157	147	107	59	19	3
SW	5	9	23	66	109	161	179	170	130	75	27	8
SC	5	8	22	62	104	153	171	164	124	71	26	8
SE	5	8	22	62	104	153	172	164	126	72	26	8

The above estimates of Growing Degree Days (GDD) Normals are derived from normal temperatures at mid-month and the corresponding GDD. Temperature and GDD relationship come from a computer run of 20 years (1949-1968) using Indianapolis data. For example, a weekly average temperature of 60° F. resulted in 84 GDD. The basic formula is: 1/2 (max. T. - 50) + 1/2 (min T. - 50) = GDD for one day. The maximum temperature is not allowed to exceed 86 degrees F. Negative units are not accumulated.

Normal 1/ Temperatures, Indiana, by Districts

Dist.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
							Degrees Farenheit						
							Average Maximum Temperatures						
NW	31.0	35.4	45.9	60.4	71.9	81.4	84.5	82.7	76.8	65.1	49.2	36.4	60.0
NC	31.4	35.5	46.0	60.7	72.0	81.2	84.6	82.7	76.7	64.8	49.1	36.7	60.2
NE	31.3	35.1	45.7	60.3	71.5	81.0	84.2	82.7	76.6	64.7	48.7	36.3	59.8
WC	34.0	38.6	49.1	63.1	73.7	82.8	86.3	84.5	79.0	67.2	51.3	39.2	62.4
C	34.3	38.4	48.7	62.6	73.1	82.1	85.5	83.8	78.3	66.4	51.1	39.2	61.9
EC	33.9	37.4	47.9	61.6	72.4	81.4	84.9	83.5	77.6	65.7	50.5	38.6	61.3
SW	38.8	43.5	53.6	67.2	76.6	85.2	88.3	86.9	81.2	69.8	54.8	43.4	65.7
SC	39.4	43.7	53.6	66.9	76.1	83.8	87.4	86.5	80.9	69.8	55.1	43.9	65.6
SE	39.5	43.9	54.1	66.9	76.3	84.1	87.4	86.6	81.1	69.7	55.1	44.0	65.7
State	34.8	39.1	49.4	63.3	73.7	82.6	85.9	84.4	78.7	67.0	51.7	39.7	62.5
							Average Minimum Temperatures						
NW	14.5	18.2	27.8	38.7	48.4	58.0	62.3	60.4	53.4	42.6	31.8	21.2	39.8
NC	12.4	17.7	27.2	38.0	48.0	57.3	61.3	59.3	52.0	41.1	31.3	21.3	39.0
NE	15.5	17.7	27.0	37.9	47.9	57.3	61.3	59.3	52.2	41.3	31.7	21.5	39.1
WC	16.2	19.4	29.1	40.6	50.2	59.5	63.2	61.0	53.8	42.1	31.8	22.3	40.8
C	16.8	19.6	29.0	40.2	50.0	59.3	62.9	60.5	53.4	41.6	31.9	22.6	40.6
EC	15.9	18.4	28.0	38.7	48.8	57.9	61.4	59.2	52.2	40.5	31.2	21.8	39.5
SW	21.1	24.2	33.1	44.3	53.1	62.0	65.9	63.8	56.7	44.4	34.8	26.4	44.1
SC	19.8	22.4	31.3	42.3	50.9	59.9	63.8	61.1	54.5	42.0	32.8	24.9	42.1
SE	20.7	23.1	31.9	42.3	51.3	60.3	64.1	62.4	55.2	42.9	33.6	25.6	42.8
State	17.0	20.1	29.4	40.3	49.8	59.1	62.9	60.8	53.7	42.1	32.3	23.1	40.9
							Monthly Average Temperatures 2/						
NW	22.8	26.8	36.9	49.6	60.2	69.7	73.4	71.6	65.1	53.9	40.5	28.8	49.9
NC	23.2	26.6	36.6	49.4	60.0	69.3	73.0	71.0	64.4	53.0	40.2	29.0	49.6
NE	23.4	26.4	36.4	49.1	59.7	69.2	72.8	71.0	64.4	53.0	40.2	28.9	49.5
WC	25.1	29.0	39.1	51.9	62.0	71.2	74.8	72.8	66.4	54.7	41.6	30.8	51.6
C	25.6	29.0	38.9	51.4	61.6	70.7	74.2	72.2	65.9	54.0	41.5	30.9	51.3
EC	24.9	27.9	38.0	50.2	60.6	69.7	73.2	71.4	64.9	53.1	40.9	30.2	50.4
SW	30.0	33.9	43.4	55.8	64.9	73.6	77.1	75.4	69.0	57.1	44.8	34.9	55.0
SC	29.6	33.1	42.5	54.6	63.5	71.9	75.6	74.1	67.7	55.9	44.0	34.4	53.9
SE	30.1	33.5	43.0	54.6	63.8	72.2	75.8	74.5	68.2	56.3	44.4	34.8	54.3
State	26.1	29.6	39.4	51.8	61.8	70.8	74.4	72.7	66.2	54.6	42.0	31.4	51.7

1/ 30 year average for the years 1951 through 1980.
2/ Average of maximum and minimum.

Temperatures, Indiana, 1988

Dist.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual 1/
							Degrees Farenheit						
							Average Maximum Temperatures						
NW	30.3	37.7	48.6	60.2	76.2	87.2	88.8	88.2	71.6	62.9	50.5	37.3	61.6
NC	31.1	32.9	48.5	61.3	77.2	87.0	88.8	86.3	76.9	56.3	50.2	37.1	61.1
NE	29.9	30.6	47.2	59.3	75.9	85.7	77.9	86.0	75.0	55.2	42.8	35.9	58.5
WC	32.9	35.6	50.7	63.5	78.6	88.4	89.7	89.1	71.4	59.0	52.7	40.6	62.7
C	33.2	35.4	50.0	62.7	77.4	87.1	89.5	88.1	77.7	57.9	52.0	39.7	62.6
EC	32.4	34.2	48.1	61.6	76.2	85.5	88.7	87.0	76.1	56.5	50.9	38.3	61.3
SW	35.9	37.4	55.4	68.0	79.8	88.3	89.5	89.5	80.2	51.3	56.2	45.4	64.7
SC	35.5	34.9	54.9	67.2	78.7	88.8	89.7	89.4	79.5	61.6	56.4	45.0	65.1
SE	37.5	41.9	54.2	67.1	78.5	88.2	90.8	89.1	78.6	61.4	56.5	45.4	65.8
State	33.2	35.6	50.8	63.4	77.6	87.4	88.2	88.1	76.3	58.0	52.0	40.5	62.6
							Average Minimum Temperatures						
NW	12.1	14.5	28.4	37.0	48.5	57.8	56.4	65.0	53.3	36.3	33.8	20.2	38.6
NC	14.6	15.5	25.2	37.3	47.9	56.4	55.0	64.3	53.2	36.2	25.6	21.1	37.7
NE	12.7	13.1	26.9	36.1	47.9	56.1	62.3	63.1	51.3	35.7	27.8	18.4	37.6
WC	15.0	16.9	29.1	38.4	49.0	57.2	64.1	65.0	53.7	35.8	33.2	20.4	39.8
C	15.3	17.3	32.7	38.5	49.5	57.3	64.1	64.6	53.3	35.5	33.1	20.4	40.1
EC	13.7	16.0	27.9	36.7	48.6	56.1	63.4	63.4	52.0	34.7	32.6	19.2	38.7
SW	19.4	22.6	33.8	41.8	51.6	59.5	66.7	67.2	51.0	35.1	35.1	24.4	42.4
SC	16.9	19.5	31.7	39.8	48.4	57.2	64.9	65.4	53.6	35.6	33.0	23.1	40.8
SE	19.0	21.9	31.2	39.6	50.1	56.6	64.9	65.2	54.8	37.0	33.9	23.4	41.5
State	15.4	17.5	29.7	38.4	49.1	57.1	62.4	64.8	52.9	35.8	32.0	21.2	39.7
							Monthly Average Temperatures 2/						
NW	21.3	23.6	38.8	48.6	62.4	72.5	75.8	76.6	65.8	46.7	41.9	28.8	50.2
NC	22.9	24.2	38.6	49.3	62.6	71.7	75.7	75.3	64.8	46.3	42.0	29.0	50.2
NE	21.3	21.9	36.5	47.7	61.9	70.9	75.2	74.6	63.2	45.2	40.2	27.2	48.8
WC	24.0	25.9	40.2	50.9	63.9	72.8	76.9	77.1	66.5	47.5	42.9	30.4	51.6
C	24.0	26.1	39.8	50.3	63.4	72.2	76.7	76.4	65.5	46.7	42.6	30.1	51.2
EC	23.1	25.1	38.1	49.2	62.4	70.9	76.1	75.2	64.1	45.6	41.8	28.8	50.0
SW	27.7	31.8	44.4	54.9	65.7	73.9	78.1	78.4	68.7	50.4	45.6	34.9	54.5
SC	26.2	30.7	43.3	53.5	63.6	73.1	77.3	77.4	66.9	48.7	44.7	34.1	53.3
SE	28.3	31.9	43.2	53.4	64.4	72.4	77.9	77.2	67.2	49.3	45.2	34.7	53.8
State	24.3	26.8	40.3	50.9	63.4	72.3	76.6	76.5	65.9	47.4	43.0	30.9	51.5

1/ Annual temperatures may not add to totals due to rounding.
2/ Average of maximum and minimum.

Monthly Precipitation, Indiana, by Districts

Dist.	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
						1951-1980 Normal Precipitation 1/ Inches							
NW	1.87	1.63	2.82	4.07	3.44	4.22	4.04	3.63	3.34	2.91	2.46	2.44	36.87
NC	1.98	1.75	2.76	3.91	3.43	4.10	3.96	3.66	3.11	2.81	2.68	2.54	36.69
NE	2.02	1.79	2.88	3.68	3.48	3.85	3.78	3.42	2.91	2.57	2.73	2.52	35.63
WC	2.32	2.04	3.32	3.93	4.03	4.51	4.37	3.61	2.93	2.54	2.97	2.78	39.35
C	2.49	2.26	3.30	3.88	4.04	4.12	4.43	3.54	2.85	2.57	3.03	2.85	39.36
EC	2.45	2.13	3.28	3.97	3.94	4.23	3.77	3.48	2.80	2.55	2.88	2.77	38.25
SW	2.90	2.76	4.38	4.06	4.41	3.99	4.44	3.57	2.94	2.51	3.48	3.38	42.82
SC	3.35	2.97	4.50	4.15	4.42	4.29	4.57	3.55	3.04	2.59	3.54	3.46	44.43
SE	3.28	2.97	4.36	3.86	4.26	4.09	4.42	3.46	3.10	2.69	3.32	3.19	43.00
State	2.52	2.26	3.51	3.95	3.94	4.16	4.20	3.55	3.00	2.64	3.01	2.88	39.62
						1988 Precipitation Inches							
NW	1.82	1.53	3.19	2.60	1.59	1.01	2.31	4.20	2.49	4.41	5.42	2.78	33.35
NC	1.45	1.73	2.65	2.84	1.43	0.89	2.69	4.43	3.12	4.90	4.75	2.37	33.25
NE	1.06	1.92	2.52	2.53	1.38	0.79	3.72	3.38	3.57	3.98	4.15	2.25	31.25
WC	1.57	2.39	3.73	2.92	1.36	0.32	3.43	2.29	2.30	3.54	5.58	2.34	31.77
C	1.59	3.13	2.85	3.92	1.22	0.60	4.20	2.31	2.90	2.86	4.94	2.45	32.97
EC	1.06	2.80	2.24	2.68	1.11	0.91	4.08	2.05	3.05	2.38	5.15	2.36	29.87
SW	2.64	4.73	3.47	2.65	1.88	0.94	5.95	2.76	2.25	3.14	7.12	2.69	40.22
SC	2.16	4.95	2.97	2.85	1.66	0.69	6.17	3.33	2.67	2.84	6.01	2.65	38.95
SE	2.28	4.54	3.14	3.90	2.12	0.50	5.82	3.41	3.48	2.66	5.78	2.93	40.56
State	1.74	3.08	2.97	2.99	1.53	0.74	4.26	3.13	2.87	3.41	5.43	2.93	35.08

1/ 30-year average for the years 1951 through 1980.

Indiana Monthly Temperature and Precipitation with Departures from Normal, 1988

Month	Temperature °F						Precipitation Inches					
	Average			Departure			Average			Departure		
	West	Central	East	West	Central	East	West	Central	East	West	Central	East
January												
North	21.3	22.9	21.3	-1.5	-0.3	-2.1	1.82	1.45	1.06	-0.05	-0.53	-0.96
Central	24.0	24.0	23.1	-1.1	-1.6	-1.8	1.57	1.59	1.06	-0.75	-0.90	-1.39
South	27.7	26.2	28.3	-2.3	-3.4	-1.8	2.64	2.16	2.28	-0.26	-1.19	-1.00
February												
North	23.6	24.2	21.9	-3.2	-2.4	-4.5	1.53	1.73	1.92	-0.10	-0.02	0.13
Central	25.9	26.1	25.1	-3.1	-2.9	-2.8	2.39	3.13	2.80	0.35	0.87	0.67
South	31.8	30.7	31.9	-2.1	-2.4	-1.6	4.73	4.95	4.54	1.97	1.98	1.57
March												
North	38.8	38.6	36.5	1.9	2.0	0.1	3.19	2.65	2.52	0.37	-0.11	-0.36
Central	40.2	39.8	38.1	1.1	0.9	0.1	3.73	2.85	2.24	0.41	-0.45	-1.04
South	44.4	43.3	43.2	1.0	0.8	0.2	3.47	2.97	3.14	-0.91	-1.53	-1.22
April												
North	48.6	49.3	47.7	-1.0	-0.1	-1.4	2.60	2.84	2.53	-1.47	-1.07	-1.15
Central	50.9	50.3	49.2	-1.0	-1.1	-1.0	2.92	3.92	2.68	-1.01	0.04	-1.29
South	54.9	53.5	53.4	-0.9	-1.1	-1.2	2.65	2.85	3.90	-1.41	-1.30	0.04
May												
North	62.4	62.6	61.9	2.2	2.6	2.2	1.59	1.43	1.38	-1.85	-2.00	-2.10
Central	63.9	63.4	62.4	1.9	1.8	1.8	1.36	1.22	1.11	-2.67	-2.82	-2.83
South	65.7	63.6	64.4	0.8	0.1	0.6	1.88	1.66	2.12	-2.53	-2.76	-2.14
June												
North	72.5	71.7	70.9	2.8	2.4	1.7	1.01	0.89	0.79	-3.21	-3.21	-3.06
Central	72.8	72.2	70.9	1.6	1.5	1.2	0.32	0.60	0.91	-4.19	-3.52	-3.32
South	73.9	73.1	72.4	0.3	1.2	0.2	0.94	0.69	0.50	-3.05	-3.60	-3.59

Indiana Monthly Temperature and Precipitation with Departures from Normal, 1988--Continued

Month	Temperature °F						Precipitation Inches					
	Average			Departure			Average			Departure		
	West	Central	East	West	Central	East	West	Central	East	West	Central	East
July												
North	75.8	75.7	75.2	2.4	2.7	2.4	2.31	2.69	3.72	-1.73	-1.27	-0.06
Central	76.9	76.7	76.1	2.1	2.5	2.9	3.43	4.20	4.08	-0.94	-0.23	0.31
South	78.1	77.3	77.9	1.0	1.7	2.1	5.95	6.17	5.82	1.51	1.60	1.40
August												
North	76.6	75.3	74.6	5.0	4.3	3.6	4.20	4.43	3.38	0.57	0.77	-0.04
Central	77.1	76.4	75.2	4.3	4.2	3.8	2.29	2.31	2.05	-1.32	-1.23	-1.43
South	78.4	77.4	77.2	3.0	3.3	2.7	2.76	3.33	3.41	-0.81	-0.22	-0.05
September												
North	65.8	64.8	63.2	0.7	0.4	-1.2	2.49	3.12	3.57	-0.85	0.01	0.66
Central	66.5	65.5	64.1	0.1	-0.4	-0.8	2.30	2.90	3.05	-0.63	0.05	0.25
South	68.7	66.9	67.2	-0.3	-0.8	-1.0	2.25	2.67	3.48	-0.69	-0.37	0.38
October												
North	46.7	46.3	45.2	-7.2	-6.7	-7.8	4.41	4.90	3.98	1.50	2.09	1.41
Central	47.5	46.7	45.6	-7.2	-7.3	-7.5	3.54	2.86	2.38	1.00	0.29	-0.17
South	50.4	48.7	49.3	-6.7	-7.2	-7.0	3.14	2.84	2.66	0.63	0.25	-0.03
November												
North	41.9	42.0	40.2	1.4	1.8	0.0	5.42	4.75	4.15	2.96	2.07	1.42
Central	42.9	42.6	41.8	1.3	1.1	0.9	5.58	4.94	5.15	2.61	1.91	2.27
South	45.6	44.7	45.2	0.8	0.7	0.8	7.12	6.01	5.78	3.64	2.47	2.46
December												
North	28.8	29.0	27.2	0.0	0.0	-1.7	2.78	2.37	2.25	0.34	-0.17	-0.27
Central	30.4	30.1	28.8	-0.4	-0.8	-1.4	2.34	2.45	2.36	-0.44	-0.40	-0.41
South	34.9	34.1	34.7	0.0	-0.3	-0.1	2.69	2.65	2.93	-0.69	-0.81	-0.26

Monthly High and Low Temperatures, By District
Indiana, 1988

	January		February		March		April		May		June	
Dist.	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low
NW	58	-15	59	-15	75	14	85	22	93	29	105	37
NC	56	-11	61	- 9	76	1	84	23	96	31	105	38
NE	55	-11	60	- 9	76	- 4	84	21	94	32	106	37
WC	58	- 7	65	-10	78	- 1	85	25	94	33	105	39
C	59	- 9	67	- 9	75	0	87	24	94	33	104	39
EC	56	- 7	65	-10	75	- 4	85	22	90	32	103	38
SW	62	- 8	70	- 7	82	16	87	28	93	32	104	39
SC	61	- 9	69	- 5	78	12	88	22	93	29	102	38
SE	63	- 4	71	- 2	78	12	87	24	95	33	104	45
State	63	-15	71	-15	82	- 4	88	21	96	29	106	37

	July		August		September		October		November		December	
Dist.	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low
NW	103	43	104	42	92	39	81	16	67	20	59	21
NC	102	45	103	43	89	39	81	17	66	23	62	21
NE	103	41	103	42	87	38	81	17	65	13	61	23
WC	103	43	105	42	90	38	87	19	71	20	63	28
C	103	44	102	43	89	37	84	18	69	18	63	28
EC	101	44	100	43	88	36	81	17	65	18	61	28
SW	103	46	100	46	94	38	83	22	71	22	64	28
SC	103	41	102	45	92	35	80	20	71	18	64	28
SE	105	45	103	46	91	38	80	18	72	18	66	28
State	105	41	105	42	94	35	87	16	72	13	66	21

Temperature and Precipitation, Departures From Normal
Indiana, 1988

Dist.	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
						Temperatures Departures Degrees						
NW	-1.5	-3.2	1.9	-1.0	2.2	2.8	2.4	5.0	0.7	-7.2	1.4	0.0
NC	-0.3	-2.4	2.0	-0.1	2.6	2.4	2.7	4.3	0.4	-6.7	1.8	0.0
NE	-2.1	-4.5	0.1	-1.4	2.2	1.7	2.4	3.6	-1.2	-7.8	0.0	-1.7
WC	-1.1	-3.1	1.1	-1.0	1.9	1.6	2.1	4.3	0.1	-7.2	1.3	-0.4
C	-1.6	-2.9	0.9	-1.1	1.8	1.5	2.5	4.2	-0.4	-7.3	1.1	-0.8
EC	-1.8	-2.8	0.1	-1.0	1.8	1.2	2.9	3.8	-0.8	-7.5	0.9	-1.4
SW	-2.3	-2.1	1.0	-0.9	0.8	0.3	1.0	3.0	-0.3	-6.7	0.8	0.0
SC	-3.4	-2.4	0.8	-1.1	0.1	1.2	1.7	3.3	-0.8	-7.2	0.7	-0.3
SE	-1.8	-1.6	0.2	-1.2	0.6	0.2	2.1	2.7	-1.0	-7.0	0.8	-0.1
						Precipitation Departures Inches						
NW	-0.05	-0.10	0.37	-1.47	-1.85	-3.21	-1.73	0.57	-0.85	1.50	2.96	0.34
NC	-0.53	-0.02	-0.11	-1.07	-2.00	-3.21	-1.27	0.77	0.01	2.09	2.07	-0.17
NE	-0.96	0.13	-0.36	-1.15	-2.10	-3.06	-0.06	-0.04	0.66	1.41	1.42	-0.27
WC	-0.75	0.35	0.41	-1.01	-2.67	-4.19	-0.94	-1.32	-0.63	1.00	2.61	-0.44
C	-0.90	0.87	-0.45	0.04	-2.82	-3.52	-0.23	-1.23	0.05	0.29	1.91	-0.40
EC	-1.39	0.67	-1.04	-1.29	-2.83	-3.32	0.31	-1.43	0.25	-0.17	2.27	-0.41
SW	-0.26	1.97	-0.91	-1.41	-2.53	-3.05	1.51	-0.81	-0.69	0.63	3.64	-0.69
SC	-1.19	1.98	-1.53	-1.30	-2.76	-3.60	1.60	-0.22	-0.37	0.25	2.47	-0.81
SE	-1.00	1.57	-1.22	0.04	-2.14	-3.59	1.40	-0.05	-0.38	-0.03	2.46	-0.26

Seasonal Progress of Crop Development and Farm Activities
Indiana, 1988

10-Day Period Ending--		Number of Days Suitable for Field Work									
		Agricultural Statistics Districts									
		NW	NC	NE	WC	C	EC	SW	SC	SE	State
April	10	1	1	2	1	1	1	2	2	3	1
	20	7	6	7	8	7	8	7	7	7	7
	30	7	7	8	8	7	8	9	10	8	8
May	10	9	9	9	9	9	9	9	8	9	9
	20	10	9	10	10	10	10	10	10	9	10
	30	8	8	9	9	9	7	7	7	8	8
June	10	10	10	10	10	10	10	9	10	10	10
	20	10	10	10	10	10	9	9	10	10	10
	30	9	9	10	10	9	9	10	10	10	10
July	10	9	9	9	10	10	10	10	10	10	10
	20	8	7	7	7	7	7	6	5	6	7
	30	10	9	8	8	8	8	7	6	8	8
August	10	8	8	9	9	9	9	9	8	7	9
	20	9	8	7	9	9	9	9	9	8	9
	30	9	8	7	9	9	8	9	8	8	8
September	10	9	9	8	9	9	8	9	8	8	9
	20	9	7	8	8	8	6	8	8	7	8
	30	9	9	8	9	9	8	9	8	8	9
October	10	8	8	7	8	8	8	8	8	8	8
	20	7	6	5	7	7	7	8	8	7	7
	30	7	6	5	6	7	6	7	7	6	6
November	10	5	4	4	5	5	4	4	5	5	5
	20	3	2	2	2	4	4	4	3	4	3
	30	3	1	1	2	3	2	2	3	3	2

Seasonal Progress of Crop Development and Farm Activities
Indiana, 1983-1987 Average

10-Day Period Ending--		Number of Days Suitable for Field Work									
		Agricultural Statistics Districts									
		NW	NC	NE	WC	C	EC	SW	SC	SE	State
		1983-1987 Average									
April	10	4	4	3	4	3	2	4	3	3	3
	20	4	2	3	3	2	3	2	3	3	3
	30	7	6	6	6	6	5	5	6	6	6
May	10	7	6	6	5	5	4	5	5	5	5
	20	6	6	7	5	5	5	5	5	4	5
	30	5	4	4	5	4	3	5	5	4	4
June	10	7	7	7	6	7	7	5	6	6	6
	20	8	6	6	7	7	6	7	7	7	7
	30	8	8	7	8	8	7	8	7	8	8
July	10	7	7	6	6	6	5	6	5	5	6
	20	8	8	8	8	8	7	8	8	7	8
	30	9	8	8	8	8	8	9	9	8	8
August	10	8	8	7	7	8	7	8	8	7	8
	20	8	8	8	8	8	8	8	9	9	8
	30	8	8	8	8	8	8	9	8	8	8
September	10	9	8	8	9	9	9	9	9	9	9
	20	7	7	7	8	8	8	8	9	8	8
	30	7	6	6	6	7	7	7	7	7	7
October	10	7	6	6	7	7	7	8	7	7	7
	20	6	6	6	7	6	6	6	6	7	6
	30	7	7	6	6	6	6	6	5	5	6
November	10	7	6	7	5	6	5	5	5	4	6
	20	4	4	4	4	4	3	3	3	3	4
	30	4	4	3	3	3	3	3	3	3	3

Seasonal Progress of Crop Development and Farm Activities
Indiana, 1983-1987 Average and 1988--Continued

WHEAT--PERCENT OF LAND PLOWED

1982-1987 Crop Average

	August 82-86			September 82-86			October 82-86			Nov. 82-86
Dist.	10	20	30	10	20	30	10	20	30	10
NW	9	15	22	28	36	50	70	87	97	100
NC	8	13	17	25	33	46	64	80	90	100
NE	11	20	27	37	50	70	83	88	92	100
WC	10	15	21	26	38	54	70	83	96	99
C	9	17	23	32	38	50	73	89	97	100
EC	8	14	18	26	39	53	67	79	89	91
SW	15	18	22	28	39	47	58	72	78	100
SC	15	19	23	30	36	41	51	61	77	84
SE	7	11	18	26	33	48	59	78	91	99
State	11	16	22	29	39	53	68	81	89	98

1988 Crop

	August 1987			September 1987			October 1987		
Dist.	10	20	30	10	20	30	10	20	30
					Percent				
NW	9	17	35	42	64	69	73	85	93
NC	10	12	14	24	34	49	63	81	89
NE	15	23	29	46	54	68	79	82	90
WC	4	14	25	34	50	65	74	91	99
C	7	13	21	32	45	54	71	89	97
EC	9	21	34	43	47	70	77	90	100
SW	6	14	24	32	48	59	73	80	90
SC	8	11	22	31	40	51	63	72	75
SE	5	9	18	30	41	63	76	90	96
State	9	16	25	35	47	61	73	84	93

Wheat--Percent Seeded

	1983-1987 Crop Average							1988 Crop							
	Sept.82-86		Oct. 82-86			Nov. 82-86		Sep. 1987		Oct. 1987			Nov. 1987		
Dist.	20	30	10	20	30	10	20	20	30	10	20	30	10	20	30
							-Percent-								
NW	8	20	49	78	89	95	98	5	40	65	82	90	97	99	100
NC	3	13	43	64	84	92	96	5	21	45	68	82	88	90	95
NE	8	16	45	65	82	92	97	8	34	60	85	95	97	99	100
WC	2	15	41	74	87	94	98	2	17	55	69	92	96	98	100
C	3	14	48	78	89	96	96	1	17	57	85	95	98	99	100
EC	2	11	38	65	83	90	96	1	20	51	79	91	97	99	100
SW	7	14	33	67	83	91	94	5	21	55	80	95	97	98	99
SC	2	9	26	53	73	86	93	5	8	30	64	82	89	96	98
SE	3	8	30	62	78	88	93	5	12	45	77	90	96	97	100
State	5	14	41	68	84	92	96	4	23	54	79	92	96	97	99

Seasonal Progress of Crop Development and Farm Activities
Indiana, 1983-1987 Average and 1988--Continued

Wheat--Percent Headed									
	1983-1987 Average					1988			
	May			June		May			June
Dist.	10	20	30	10	20	10	20	30	10
	-Percent-								
NW	0	24	66	95	99	0	15	75	99
NC	1	25	66	94	100	0	20	72	100
NE	0	24	65	89	99	0	21	75	100
WC	5	47	84	100	100	0	59	95	100
C	5	42	75	99	100	0	50	87	99
EC	1	27	71	97	100	1	35	78	100
SW	24	56	95	100	100	21	77	100	100
SC	24	62	89	99	100	16	71	91	100
SE	10	34	76	97	100	10	46	84	100
State	8	38	76	96	100	6	44	85	100

Wheat--Percent Harvested								
	1983-1987 Average				1988 Crop			
	June		July		June		July	
Dist.	20	30	10	20	20	30	10	20
	-Percent-							
NW	0	7	63	96	0	30	91	100
NC	0	8	43	91	0	39	95	100
NE	0	4	35	85	0	30	86	100
WC	1	29	79	99	3	66	97	100
C	2	27	72	98	2	60	98	100
EC	0	12	53	97	0	42	94	100
SW	10	57	92	99	22	84	100	100
SC	5	33	77	99	12	64	100	100
SE	1	22	76	95	0	46	99	100
State	2	23	66	95	5	53	95	100

Oats														
	MARCH	APRIL			MAY			JUNE			JULY			AUGUST
Progress	30	10	20	30	10	20	30	10	20	30	10	20	30	10
	-1983-1987 Average Percent-													
Seeded	--	49	70	88	95	--	--	--	--	--	--	--	--	--
Headed	--	--	--	--	--	--	18	43	69	91	--	--	--	--
Harvested	--	--	--	--	--	--	--	--	--	2	13	43	80	96
	-1988 Average Percent-													
Seeded	24	31	69	97	99	--	--	--	--	--	--	--	--	--
Headed	--	--	--	--	--	--	7	49	88	--	--	--	--	--
Harvested	--	--	--	--	--	--	--	--	--	4	29	58	82	98

Seasonal Progress of Crop Development and Farm Activities
Indiana, 1982-1986 Average and 1987-Continued

Percent of Plowing Completed for Spring Planted Crops											
	1983-1987 Average						1988				
	Mar.	April			May		Mar.	April			May
Dist.	30	10	20	30	10	20	30	10	20	30	10
						-Percent-					
NW	0	61	70	80	90	94	63	70	82	90	91
NC	0	50	60	73	85	94	60	63	76	88	93
NE	0	58	67	78	87	95	65	67	79	90	94
WC	0	64	74	82	90	94	82	84	89	94	98
C	0	71	80	86	92	96	78	81	87	96	98
EC	0	71	77	85	90	95	54	82	89	93	100
SW	0	59	69	78	83	89	61	76	82	89	100
SC	0	47	58	73	81	88	34	69	81	86	94
SE	0	40	53	69	77	88	42	67	79	88	95
State	0	61	70	80	88	94	66	75	83	92	96

Corn-Percent Planted										
	1983-1987 Average					1988				
	Apr.	May			June	April			May	
Dist.	30	10	20	30	10	10	20	30	10	20
					-Percent-					
NW	16	53	85	95	99	0	1	25	80	99
NC	17	47	81	93	98	0	1	36	76	100
NE	15	51	85	95	99	0	0	37	78	100
WC	21	54	76	90	99	0	5	48	86	99
C	24	59	83	92	99	0	7	53	92	99
EC	26	51	79	91	98	0	11	58	95	98
SW	20	44	62	79	93	0	10	53	90	98
SC	16	44	63	76	97	0	0	35	74	99
SE	14	41	63	76	94	0	4	44	83	100
State	20	50	78	90	98	0	5	43	85	99

Seasonal Progress of Crop Development and Farm Activities
Indiana, 1983-1987 Average and 1988-Continued

Corn-Percent Silked										
	1983-1987 Average					1988				
	July			August		June	July			Aug.
Dist.	10	20	30	10	20	30	10	20	30	10
	-Percent-									
NW	18	54	89	98	100	4	9	51	89	100
NC	14	44	82	96	100	2	12	48	81	98
NE	11	45	84	97	100	0	5	40	78	95
WC	31	59	86	98	100	3	11	56	94	100
C	26	60	87	98	100	3	9	53	92	100
EC	17	51	84	97	100	0	4	40	79	100
SW	40	59	79	97	99	0	27	66	95	100
SC	32	48	77	94	99	3	11	55	92	99
SE	21	48	78	92	98	2	9	50	87	99
State	23	53	84	97	100	3	11	52	88	99

Corn--Percent Mature												
	1983-1987 Average						1988					
	Aug.	September			October		August		September			Oct.
Dist.	30	10	20	30	10	20	20	30	10	20	30	10
	-Percent-											
NW	17	46	79	95	100	100	0	8	42	71	90	99
NC	12	36	70	92	98	100	0	5	35	63	84	97
NE	17	46	75	92	99	100	0	15	46	70	86	94
WC	23	50	81	92	99	100	0	19	54	80	96	100
C	22	51	77	94	99	100	1	12	42	68	87	98
EC	17	44	74	93	99	100	0	19	46	67	83	93
SW	29	58	77	91	96	99	4	27	63	87	100	100
SC	28	51	75	88	96	100	0	10	42	69	87	98
SE	19	44	70	88	97	99	0	13	36	56	75	91
State	20	48	76	92	98	100	1	14	36	71	89	97

Corn--Percent Harvested																	
	1983-1987 Average								1988								
	Sept.	October			November			Dec.	September			October			November		
Dist.	30	10	20	30	10	20	30	10	10	20	30	10	20	30	10	20	30
	-Percent-																
NW	15	31	53	72	86	92	95	96	0	2	18	36	54	70	85	97	100
NC	13	27	46	70	85	90	95	95	0	1	13	27	43	58	74	88	100
NE	11	22	43	63	79	86	90	92	0	2	6	18	31	46	64	80	96
WC	17	32	55	75	86	94	97	98	0	2	20	40	60	77	91	100	100
C	18	33	54	71	86	91	95	97	0	2	14	34	54	72	88	100	100
EC	12	25	43	67	81	88	94	97	0	0	7	21	38	56	77	97	100
SW	28	45	64	75	87	92	96	97	0	7	28	51	70	86	97	100	100
SC	19	34	54	62	79	87	92	95	0	0	14	33	52	70	87	99	100
SE	15	27	42	59	75	83	89	93	0	0	11	29	48	66	84	98	100
State	17	29	52	68	84	90	94	96	0	2	16	34	52	68	84	96	100

Seasonal Progress of Crop Development and Farm Activities
Indiana, 1983-1987 Average and 1988-Continued

	Soybeans--Percent Planted												
		1983-1987 Average						1988					
	Apr.	May			June			Apr.	May			June	
Dist.	30	10	20	30	10	20	30	30	10	20	30	10	20
	-Percent-												
NW	0	10	40	65	90	98	100	0	25	63	89	100	100
NC	0	13	36	61	85	94	99	0	25	63	88	98	100
NE	0	10	40	63	88	95	99	0	34	71	93	100	100
WC	0	13	35	56	84	95	99	1	34	74	97	100	100
C	1	19	42	59	86	96	99	4	50	82	98	100	100
EC	1	12	34	55	86	97	97	2	40	75	95	100	100
SW	1	17	33	51	70	89	98	3	40	73	93	99	100
SC	0	9	27	44	73	90	98	0	25	63	88	98	99
SE	0	6	23	38	65	86	98	0	18	58	85	95	97
State	0	13	37	58	84	95	99	2	35	72	93	100	100

	Soybeans--Percent Blooming									
	1983-1987 Average					1988				
	July			Aug.		Jun.	July			Aug.
Dist.	10	20	30	10	20	30	10	20	30	10
	-Percent-									
NW	31	59	85	96	99	29	76	90	99	99
NC	25	51	83	96	99	34	64	93	96	98
NE	20	45	79	95	98	32	50	83	92	100
WC	20	47	80	96	99	15	52	84	99	100
C	25	60	87	97	99	52	75	94	97	100
EC	13	50	77	95	99	62	77	93	98	100
SW	26	51	71	92	97	33	65	88	98	100
SC	16	42	65	86	93	42	64	76	90	98
SE	14	35	70	88	93	19	38	87	95	100
State	20	52	81	95	99	35	66	89	97	100

	Soybeans--Percent Podding										
	1983-1987 Average					1988					
	July		August			July			August		
Dist.	20	30	10	20	30	10	20	30	10	20	30
	-Percent-										
NW	7	23	54	80	98	5	27	60	89	99	93
NC	3	21	51	82	97	10	29	62	91	98	100
NE	5	16	49	79	95	2	16	52	88	99	100
WC	7	26	50	82	98	15	38	65	89	99	100
C	8	30	56	85	97	11	46	74	94	100	100
EC	4	14	43	85	98	10	45	75	96	99	100
SW	9	24	48	76	95	8	29	54	80	99	100
SC	4	16	40	70	90	10	20	37	67	100	100
SE	3	14	41	68	94	5	16	48	83	99	100
State	6	23	51	80	97	9	33	62	89	99	99

Seasonal Progress of Crop Development and Farm Activities
Indiana, 1983-1987 Average and 1988-Continued

Soybeans-Percent Turning Yellow												
	1983-1987 Average					1988						
	August		September			August		September			Oct.	
Dist.	20	30	10	20	30	20	30	10	20	30	10	20
	-Percent-											
NW	3	27	73	96	100	2	24	65	92	100	100	100
NC	1	16	65	93	100	0	20	62	90	100	100	100
NE	1	20	60	94	99	0	10	51	83	99	100	100
WC	6	26	69	97	100	4	35	76	100	100	100	100
C	8	25	68	97	100	2	37	75	97	100	100	100
EC	2	19	57	95	100	0	24	64	91	100	100	100
SW	12	27	63	92	98	4	22	63	91	100	100	100
SC	1	20	60	84	96	1	16	57	86	100	100	100
SE	2	19	50	89	98	0	21	62	89	100	100	100
State	4	27	64	91	99	2	25	66	92	100	100	100

Soybeans--Percent Shedding Leaves														
			1983-1987 Average					1988						
	August		September			October		August		September			October	
Dist.	20	30	10	20	30	10	20	20	30	10	20	30	10	20
	-Percent-													
NW	0	3	29	75	96	100	100	0	0	31	64	87	100	100
NC	0	5	28	64	94	99	100	0	1	32	61	84	98	100
NE	1	7	26	63	88	98	100	0	0	20	48	73	92	100
WC	1	10	32	76	94	99	100	0	8	47	78	98	100	100
C	1	5	29	75	95	99	100	0	7	44	74	94	100	100
EC	0	7	25	68	92	99	100	0	2	35	64	86	99	100
SW	1	11	32	66	86	95	100	0	0	33	64	87	99	100
SC	0	7	24	55	80	95	100	0	0	23	53	77	95	100
SE	0	5	21	59	88	98	100	0	0	29	58	82	97	100
State	0	8	29	70	92	99	100	0	3	35	65	87	98	100

Soybeans--Percent Harvested															
	1983-1987 Average									1988					
	September			October			November			Sept.		October			Nov.
Dist.	10	20	30	10	20	30	10	20	30	20	30	10	20	30	10
	-Percent-														
NW	0	6	19	51	74	86	94	97	99	3	21	42	63	82	100
NC	0	5	22	45	65	82	91	95	97	2	15	32	52	72	95
NE	0	4	16	41	63	79	89	93	96	0	12	28	48	70	95
WC	3	11	28	55	78	84	92	96	98	9	34	59	80	94	100
C	3	14	33	57	75	85	92	95	97	8	34	59	80	93	99
EC	2	10	26	47	67	80	88	91	97	2	20	41	62	81	99
SW	5	13	29	50	68	80	89	93	95	6	29	53	74	90	100
SC	1	4	12	35	55	71	81	90	94	0	13	32	54	76	100
SE	2	9	21	44	58	74	83	87	90	2	13	29	49	72	99
State	2	9	25	50	70	82	91	94	97	5	24	46	66	84	99

Seasonal Progress of Crop Development and Farm Activities
Indiana, 1983-1987 Average and 1988-Continued

Alfalfa Hay - State Average											
	MAY			JUNE			JULY			AUG	
Cutting	10	20	30	10	20	30	10	20	30	10	20
	-1983-1987 Percent-										
First	--	13	34	66	89	98	--	--	--	--	--
Second	--	--	--	--	--	21	40	70	87	96	100
	-1988 Percent-										
First	4	29	64	94	100	--	--	--	--	--	--
Second	--	--	--	--	--	40	70	84	90	96	--

Clover Hay - State Average						
	MAY		JUNE			JULY
Cutting	20	30	10	20	30	10
	-1983-1987 Percent-					
First	--	18	41	66	87	92
	-1988 Percent-					
Second	13	42	73	91	--	--

Seasonal Progress of Crop Development and Farm Activities
Indiana, 1983-1987 Average and 1988-Continued

Tobacco Harvested											
	1983-1987 Average				1988						
	Aug.	September			August		September			October	
Dist.	30	10	20	30	20	30	10	20	30	10	20
	-Percent-										
C	17	47	73	88	District percents not available						
SW	42	58	71	83							
SC	18	48	67	88							
SE	25	50	72	91							
State	24	50	71	90	0	12	39	66	88	100	100

Percent Plowing Complete for Crops to be Planted the Following Spring									
	1983-1987 Average					1988			
	Oct.	November			Dec.	Oct.	November		
Dist.	30	10	20	30	10	30	10	20	30
	-Percent-								
NW	24	32	42	46	49	26	39	47	54
NC	19	26	32	39	43	20	30	32	39
NE	23	32	45	48	54	21	32	34	38
WC	32	35	45	52	52	50	54	61	72
C	25	33	42	50	50	37	53	61	69
EC	20	29	37	46	50	25	39	50	53
SW	28	36	48	50	53	35	47	53	62
SC	17	21	35	39	43	27	34	42	54
SE	17	18	26	29	27	19	32	39	41
State	24	31	41	46	47	31	43	49	56

CROP HIGHLIGHTS

Acreage: Indiana's seven major field crops in 1988 totaled 11.7 million acres, up 4 percent from the 1987 planted acreage. Corn acreage for harvest was 7 percent above a year earlier, whereas soybean acreage decreased 3 percent from a year earlier. Wheat harvested acreage was up at 17 percent and all hay acreage was 29 percent above the 1987 level. Oat acreage for harvest was 21 percent below a year earlier, while rye acreage remained the same. Other crops showing harvested acreage changes were potatoes, down 16 percent, processing tomatoes, up 12 percent, and spearment, up 8 percent. Peppermint acres for harvest increased 26 percent from last year.

Yields: The 1988 drought caused severe damage to most major crops. The 1988 Indiana corn for grain yield of 83 bushels per acre was 52 bushels below the 1987 acreage yield. Winter wheat yield per acre, at 50 bushels showed a decrease of 8 bushels per acre from the 1987 average yield. Soybeans averaged 27.5 bushels per acre, down 12.5 bushels from 1987. Oats decreased 27 bushels but rye increased 3 bushels per acre, respectively. All hay yield at 1.99 tons per acre compares with 3.08 tons harvested per acre in 1987.

Production: The 1988 production of major crops was below a year earlier except for winter wheat and rye. Corn production was down 34 percent because of the drastic decline in yield per acre. Oat production was 53 percent below last year, while tobacco was down 1 percent. Soybean production was down 34 percent but winter wheat production was up 1 percent. Rye increased 11 percent, while all hay production was down 17 percent. Other crops showing decreases were potatoes, down 40 percent, and peppermint, down 17 percent. Spearmint was down 42 percent. Apple production decreased 22 percent to 56 million pounds and peach production was down 40 percent to 4.5 million pounds.

Indiana's Rank in Crop Production Among States, 1988

Crop	Unit	Top Ranking States and Indiana					
		First		Second		Indiana	
		State	Production	State	Production	Rank	Production
			Thousand		Thousand		Thousand
Corn, Grain	Bu.	Iowa	898,800	Nebraska	818,400	4	415,000
Soybeans	Bu.	Iowa	248,000	Illinois	234,900	4	115,500
Winter Wheat	Bu.	Kansas	323,000	Oklahoma	172,800	15	35,000
Oats	Bu.	Iowa	26,400	Minnesota	24,750	19	3,000
Rye	Bu.	S. Dakota	2,250	Georgia	1,890	13	330
Sorghum, Grain	Bu.	Kansas	204,600	Texas	135,450	1/	
Tobacco	Lb.	N. Carolina	552,970	Kentucky	337,250	11	10,600
Potatoes	Cwt.	Idaho	99,320	Washington	63,250	28	756
Hay, All	Ton	California	8,652	Minnesota	6,960	27	1,868
Apples, Commercial	Lb.	Washington	3,700,000	New York	890,000	18	56,000
Peaches, Freestone	Lb.	California	523,000	S. Carolina	340,000	27	4,500
Peppermint	Lb.	Oregon	2,840	Washington	1,419	4	194
Spearmint	Lb.	Washington	1,261	Idaho	165	5	80
Tomatoes for Processing	Ton	California	6,548	Ohio	359	3	156

1/ Estimate Discontinued.

Crops: Record Highs and Lows (Acreage, Yield and Production)... Indiana

Crop	Date Series Began	Record 1/	Harvested Acreage		Yield Per Acre		Total Production		Unit
			Acreage	Year	Yield	Year	Production	Year	
Corn for Grain	1919	High	6,280,000	1980	135.0	1987	790,020,000	1982	Bu.
		Low	3,704,000	1929	25.6	1936	102,810,000	1934	
Corn for Silage	1919	High	225,000	1974	18.0	1987	3,045,000	1976	Ton
		Low	51,000	1943	5.5	1936	408,000	1943	
Soybeans for Beans	1924	High	4,600,000	1981	41.5	1985	185,090,000	1985	Bu.
		Low	40,000	1925	9.9	1924	400,000	1925	
All Wheat	1866	High	3,150,000	1884	58.0	1987	62,100,000	1981	Bu.
		Low	694,000	1971	7.0	1900	8,120,000	1900	
Oats	1866	High	2,337,000	1928	71.0	1986	88,469,000	1928	Bu.
		Low	80,000	1984	15.5	1934	4,560,000	1983	
Rye	1866	High	450,000	1918	28.0	1986	6,750,000	1918	Bu.
		Low	7,000	1980	8.5	1896	175,000	1978	
Barley 2/	1866	High	110,000	1942	50.0	1970	2,958,000	1955	Bu.
		Low	8,000	1977	12.5	1933	204,000	1895	
Sorghum for Grain 3/	1940	High	63,000	1971	80.0	1971	5,040,000	1971	Bu.
		Low	1,000	1951	22.0	1940	26,000	1947	
Sorghum for Silage 3/	1934	High	25,000	1971	14.0	1969	338,000	1971	Ton
		Low	1,000	1953	7.0	1936	10,000	1953	
All Hay	1866	High	2,534,000	1922	3.13	1985	3,066,000	1918	Ton
		Low	680,000	1867	0.6	1895	840,000	1866	
Alfalfa Hay	1919	High	775,000	1956	3.90	1985	1,726,000	1965	Ton
		Low	62,000	1919	1.40	1936	107,000	1919	
Popcorn 4/	1935	High	50,000	1979	3,400	1973	148,050,000	1981	Lbs.
		Low	3,500	1935	1,325	1944	8,330	1935	
All Tobacco	1866	High	23,000	1886	2,700	1970	24,900,000	1910	Lbs.
		Low	5,400	1971	400	1887	3,990,000	1936	
All Potatoes	1866	High	116,000	1891	268	1971	5,746,000	1889	Cwt.
		Low	4,500	1986	18	1901	788,000	1983	
Red Clover Seed 4/	1919	High	435,000	1940	85	1965	18,200,000	1920	Lbs.
		Low	11,000	1981	26	1924	770,000	1981	

Crops: Record Highs and Lows (Acreage, Yield and Production)... Indiana--Continued

Crop	Date Series Began	Record 1/	Harvested Acreage		Yield Per Acre		Total Production		Unit
			Acreage	Year	Yield	Year	Production	Year	
Lespedeza Seed 4/	1937	High	35,000	1957	260	1962	8,160,000	1956	Lbs.
		Low	1,400	1981	100	1953	280,000	1981	
Timothy Seed 2/	1919	High	42,000	1924	200	1974	5,250,000	1924	Lbs.
		Low	1,200	1976	75	1925	224,000	1977	
Apples, Commercial	1934	High	----	----	--	----	123,264,000	1937	Lbs.
		Low	----	----	--	----	25,000,000	1976	
Peaches	1909	High	----	----	--	----	62,064,000	1931	Lbs.
		Low	----	----	--	----	5/		
Cabbage 4/	1918	High	4,000	1941	295	1976	548,000	1932	Cwt.
		Low	720	1972	93	1933	128,000	1921	
Cantaloupes 4/	1918	High	10,300	1939	150	1977	710,000	1941	Cwt.
		Low	1,700	1975	50	1939	190,000	1974	
Onions 6/	1918	High	9,200	1932	420	1965	1,988,000	1930	Cwt.
		Low	400	1975	95	1974	130,000	1974	
Peppermint	1939	High	18,500	1947	45	1969	595,000	1942	Lbs.
		Low	4,500	1963	18	1943	161,000	1974	
Spearmint	1939	High	15,200	1948	47	1970	532,000	1948	Lbs.
		Low	1,800	1939	24	1974	43,000	1939	
Strawberries 6/	1918	High	4,400	1940	56	1975	121,000	1939	Cwt.
		Low	650	1973	12	1930	18,000	1974	
Tomatoes, Fresh Market	1918	High	6,600	1931	160	1987	428,000	1925	Cwt.
		Low	1,100	1986	45	1934	132,000	1983	
Watermelons 4/	1918	High	8,900	1954	170	1979	1,228,000	1954	Cwt.
		Low	1,930	1918	45	1935	167,000	1918	
Cucumbers, Processing	1918	High	12,500	1930	11.71	1985	20,400	1930	Ton
		Low	660	1981	0.50	1932	1,600	1932	
Tomatoes, Processing	1918	High	97,300	1935	23.41	1987	486,000	1941	Ton
		Low	5,700	1981	2.90	1923	83,390	1981	

1/ All records reported as latest year.
2/ Estimates discontinued in 1978.
3/ Estimates discontinued in 1985.
4/ Estimates discontinued in 1982.
5/ Virtually no production because of freeze damage in 1982 and 1985.
6/ Estimates discontinued in 1976.

THE 1988 CROP SEASON

The final production estimate of the 1988 season places Indiana's corn production at 415.0 million bushels, 34 percent below the 631.8 million produced in 1987. Corn acres harvested totaled 5.0 million, up 7 percent from 1987. The average yield was 83 bushels per acre, a 52 bushel decrease from 1987. Total value of the 1988 corn crop was $1.10 billion, down 16 percent from the 1987 total of $1.31 billion. The average price, at $2.65 per bushel, was 57 cents above the 1987 average price of $2.08.

Soybean production totaled 115.5 million bushels, down 34 percent from 1987. The average yield was 27.5 bushels per acre, a 12.5 bushel decrease from 1987. The harvested acreage of 4.2 million was down 3 percent from a year earlier. The value of the soybean crop was $884 million, down 15 percent from 1987 with an average price of $7.65. This was a $1.71 per bushel increase in price from 1987.

Indiana's 1988 winter wheat crop amounted to 35.0 million bushels, up 1 percent from 1987. Harvested acreage totaled 700,000 acres, up 100,000 acres from 1987. Wheat yield was 50.0 bushels per acre, 8 bushels below 1987. The value of the crop was $124.3 million, 47 percent above 1987. The average price per bushel was $3.55 compared with $2.43 a year earlier.

Hay production totaled 1.87 million tons, down 17 percent from 1987. The 940 thousand acres of hay harvested, including set aside land was 210 thousand more than a year earlier but the average yield of 1.99 tons per acre was down 1.09 tons per acre from 1987. Value of the hay crop was 220.4 million, 75 percent above the 1987 level. Average price per ton, at $118.00 compared with $56.00 a year earlier.

Tobacco production totaled 10.9 million pounds, down 1 percent from a year earlier. Harvested acreage of 5,500 was 2 percent above the 1987 level. Average price per pound, at $1.599 was 5 cents above the 1987 price of $1.549.

The 1988 apple harvest in Indiana totaled 56.0 million pounds, down 22 percent from the 1987 crop. A total of 43.0 million pounds or 84 percent of utilized production were used for fresh market, while 8.0 million pounds were used in processed products. Indiana farmers received an average price of 17.6 cents per pound for their apples, 0.6 cents greater than the year before. The total value of the crop decreased 25 percent to $9.0 million dollars.

Indiana's 1988 oat production was 3.0 million bushels, down 53 percent from last year. The yield was 40.0 bushels per acre, a 27 bushel decrease from 1987. Harvested acreage, at 75,000, was down 21 percent from last year. The average price per bushel, at $2.85, increased $1.27 from 1987.

The 1988 potato production in Indiana, at 756,000 cwt., was down 40 percent from 1987. The yield of 180 cwt. per acre was down 28 percent from the 250 cwt. in 1987. Total acres harvested, at 4,200 was down 800 acres from the previous year. Potato prices, at $6.60 per cwt. increased from the 1987 price of $5.00.

Indiana peppermint production of 194,000 pounds of oil was down 17 percent from a year earlier. Acres harvested totaled 7,200, up 26 percent from 1987. The average yield of 27 pounds per acre was 14 pounds less than a year ago. The average price per pound at $27.20 was up $13.70 from 1987.

Spearmint production totaled 80,000 pounds, a 42 percent decrease from 1987. Acreage harvested was 4,000, up 300 acres from the previous year. The average yield of 20 pounds per acre was down 17 pounds from 1987. The average price per pound, at $16.90 was up $4.00 from 1987.

Indiana's 1988 peach production totaled 4.5 million pounds, down 40 percent from the 1987 crop. Indiana farmers received an average price of 30.9 cents per pound for their peaches, 2.0 cents greater than a year earlier. The total value of the utilized crop decreased 36 percent to $1.4 million.

Rye production totaled 330,000 bushels in 1988, up 11 percent from a year earlier.

Field Crop Summary: Acreage, Yield, Production, and Value
Indiana 1985-1988

Crop and Year	Acreage Planted All Purposes	Acreage Harvested	Yield Per Harvested Acre	Production	Price Per Unit 1/	Value of Production	Production Unit
	-Thousand-	-Thousand-		-Thousand-	-Dollars-	-Thousand Dollars-	
All Corn 2/							
1985	6,300	----	----	----	----	----	
1986	5,850	----	----	----	----	----	
1987	4,800	----	----	----	----	----	
1988	5,200	----	----	----	----	----	
Corn for Grain 2/							Bu.
1985	----	6,150	123.0	756,450	2.20	1,664,190	
1986	----	5,700	122.0	695,400	1.53	1,063,962	
1987	----	4,680	135.0	631,800	2.08	1,314,144	
1988	----	5,000	83.0	415,000	2.65	1,099,750	
Corn for Silage							Ton
1985	----	125	16.0	2,000	----	----	
1986	----	120	17.0	2,040	----	----	
1987	----	110	18.0	1,980	----	----	
1988	----	150	11.5	1,725	----	----	
All Soybeans							
1985	4,500	4,460	41.5	185,090	5.04	932,854	Bu.
1986	4,300	4,250	37.0	157,250	4.76	748,510	
1987	4,400	4,350	40.0	174,000	5.94	1,033,560	
1988	4,300	4,200	27.5	115,500	7.65	883,575	
Wheat							Bu.
1985	770	700	53.0	37,100	2.91	107,961	
1986	900	700	43.0	30,100	2.25	67,725	
1987	750	600	58.0	34,800	2.43	84,564	
1988	840	700	50.0	35,000	3.55	124,250	
Oats							Bu.
1985	180	110	69.0	7,590	1.47	11,157	
1986	400	90	71.0	6,390	1.11	7,093	
1987	600	95	67.0	6,365	1.58	10,057	
1988	350	75	40.0	3,000	2.85	8,550	
Rye							Bu.
1985	35	11	28.0	308	2.20	678	
1986	35	10	28.0	280	1.70	476	
1987	40	11	27.0	297	1.75	520	
1988	50	11	30.0	330	2.65	875	

Field Crop Summary: Acreage, Yield, Production, and Value
Indiana 1985-1988, Continued

Crop and Year	Acreage Planted All Purposes	Acreage Harvested	Yield Per Harvested Acre	Production	Price Per Unit 1/	Value of Production	Production Unit
	-Thousand-	-Thousand-		-Thousand-	-Dollars-	-Thousand Dollars-	
All Hay							Ton
1985	----	795	3.13	2,485	54.50	135,433	
1986	----	780	2.87	2,236	47.50	106,210	
1987	----	730	3.08	2,249	56.00	125,944	
1988	----	940	1.99	1,868	118.00	220,424	
Alfalfa Hay							Ton
1985	----	410	3.90	1,599	----	----	
1986	----	400	3.50	1,400	----	----	
1987	----	380	3.80	1,444	----	----	
1988	----	460	2.60	1,196	----	----	
Other Hay							Ton
1985	----	385	2.30	886	----	----	
1986	----	380	2.20	836	----	----	
1987	----	350	2.30	805	----	----	
1988	----	480	1.40	672	----	----	
Tobacco							Lb.
1985	----	6.5	2,240	14,560	1.576	22,947	
1986	----	5.9	2,050	12,095	1.554	18,796	
1987	----	5.4	2,050	11,070	1.549	17,147	
1988	----	5.5	1,990	10,945	1,599	17,501	
All Potatoes							
1985	4.9	4.5	198	890	4.60	4,094	Cwt.
1986	4.9	4.5	220	990	6.45	6,386	
1987	5.4	5.0	250	1,250	5.00	6,250	
1988	4.9	4.2	180	756	6.60	4.990	
Peppermint Oil							Lb.
1985	----	5.5	33	182	11.70	2,129	
1986	----	5.7	40	228	13.30	3,032	
1987	----	5.7	41	234	13.50	3,159	
1988	----	7.2	27	194	27.20	5,277	
Spearmint Oil							Lb.
1985	----	3.7	29	107	13.10	1,402	
1986	----	3.6	39	140	11.00	1,540	
1987	----	3.7	37	137	12.90	1,767	
1988	----	4.0	20	80	16.90	1,352	

1/ Price for latest year shown is preliminary. It includes an allowance for marketings from December through the remainder of the marketing year.
2/ Includes white corn.

Vegetable Crop Summary: Acreage, Yield, Production, and Value
Indiana 1985-1988

Crop and Year	Acreage Planted All Purposes	Acreage Harvested	Yield Per Harvested Acre	Production	Price Per Unit 1/	Value of Production	Production Unit
	-Acres-	-Acres-		-Thousand-	-Dollars-	-Thousand Dollars-	
Snap Beans for Processing							Ton
1985	3,200	3,200	2.55	8.16	175.00	1,428	
1986	1,900	1,600	2.68	4.29	169.00	725	
1987	5,900	5,800	2.74	15.89	190.00	3,019	
1988	8,400	6,200	2.85	17.67	203.00	3,587	
Cucumbers for Processing							Ton
1985	1,100	1,100	11.71	12.88	131.00	1,687	
1986	1,200	1,200	9.88	11.86	119.00	1,411	
1987	1,100	1,100	11.13	12.24	160.00	1,958	
1988	1,300	1,200	9.50	11.40	148.00	1,687	
Tomatoes for Fresh Market							Cwt.
1985	1,400	1,100	130	143	23.50	3,361	
1986	1,300	1,100	150	165	23.00	3,795	
1987	1,400	1,200	160	192	23.50	4,512	
1988	1,500	1,100	150	165	30.00	4,950	
Tomatoes for Processing							Ton
1985	7,000	6,800	20.60	140.08	79.20	11,094	
1986	6,800	6,400	21.58	138.11	81.10	11,201	
1987	7,000	6,700	23.41	156.85	75.30	11,811	
1988	7,900	7,500	20.82	156.15	80.90	12,633	

Fruit Crop Summary: Acreage, Yield, Production, and Value
Indiana, 1985-1988

Crop and Year	Total Production	Utilized Production 2/	Price Per Unit 1/	Value of Production 2/	Production Unit
	-Million-	-Million-	-Dollars-	-Thous. Dollars-	
Apples, Commercial					Lb.
1985	75.0	75.0	.131	9,832	
1986	37.0	37.0	.186	6,864	
1987	72.0	70.0	.170	11,920	
1988	56.0	51.0	.176	8,978	
Peaches					Lb.
1985	3/	----	----	----	
1986	4.0	4.0	.330	1,320	
1987	7.5	7.5	.289	2,168	
1988	4.5	4.5	.309	1,391	

1/ Price for latest year shown is preliminary. It includes an allowance for marketings from December through the remainder of the marketing year.
2/ Production utilized. Excludes mature fruit not harvested for economic reasons and excess cullage of harvested fruit.
3/ No significant commercial production due to winter freeze.

Number of Farms and Land in Farms 1/
Indiana 1987-1989

Year	Farms	Land in Farms	Average Size of Farm
	Thousands	Thousand Acres	Acres
1984	82	16,400	200
1985	81	16,400	202
1986	78	16,400	210
1987	74	16,200	219
1988	74	16,400	222
1989 2/	71	16,400	231

1/ Places with annual sales of agricultural products of $1,000 or more.
2/ Preliminary

Land Classification
Indiana 1987-1989
$1,000 - $9,999

Year	Farms	Land in Farms	Average Size of Farm
	Thousands	Thousand Acres	Acres
1987	32.7	1,800	55
1988	30.9	1,600	52
1989	29.1	1,500	52

$10,000 - $99,999

Year	Farms	Land in Farms	Average Size of Farm
	Thousands	Thousand Acres	Acres
1987	30.3	6,800	224
1988	31.3	6,600	211
1989	30.1	6,900	229

$100,000

Year	Farms	Land in Farms	Average Size of Farm
	Thousands	Thousand Acres	Acres
1987	11.0	7,600	691
1988	11.8	8,200	695
1989	11.8	8,000	678

Number of Farms, Land in Farms and Value
Indiana 1987 1/

County and District	No. of Farms	Land in Farms	Av. Value Per Acre
		-000-	-Dollars-
Northwest			
Benton	614	271.5	1,266
Jasper	780	306.1	1,024
Lake	551	145.6	1,377
LaPorte	914	258.5	1,099
Newton	480	227.1	1,198
Porter	597	162.5	1,322
Pulaski	718	243.5	962
Starke	449	140.9	883
White	786	292.9	1,223
Total	5,889	2,048.6	1,145
North Central			
Carroll	770	230.2	1,364
Cass	920	221.9	1,196
Elkhart	1,556	204.5	1,620
Fulton	773	201.7	966
Kosciusko	1,327	268.3	1,122
Marshall	1,090	222.4	988
Miami	818	196.0	1,078
St. Joseph	897	174.2	1,312
Wabash	865	202.6	1,129
Total	9,016	1,921.8	1,194
Northeast			
Adams	1,195	205.9	1,627
Allen	1,649	291.2	1,575
DeKalb	824	175.2	913
Huntington	818	194.6	1,243
LaGrange	1,437	191.4	1,244
Noble	1,057	197.9	919
Steuben	573	132.1	783
Wells	875	209.3	1,309
Whitley	880	165.3	1,100
Total	9,308	1,762.9	1,234
West Central			
Clay	646	162.6	1,057
Fountain	693	234.6	996
Montgomery	942	288.8	1,174
Owen	665	115.4	891
Parke	587	192.2	854
Putnam	891	210.9	1,054
Tippecanoe	881	247.0	1,351
Vermillion	393	127.8	1,057
Vigo	623	147.8	1,097
Warren	486	204.8	1,173
Total	6,807	1,931.9	1,090
Central			
Bartholomew	748	175.9	1,357
Boone	822	227.5	1,436
Clinton	801	247.0	1,440
Decatur	816	209.6	1,229
Grant	744	196.1	1,260
Hamilton	772	172.2	1,733
Hancock	698	167.1	1,435
Hendricks	926	181.8	1,415
Howard	677	153.6	1,601
Johnson	650	139.8	1,421
Madison	956	226.0	1,499
Marion	361	56.8	2,295
Morgan	713	145.5	1,169
Rush	834	239.6	1,238
Shelby	876	218.0	1,192
Tipton	551	161.0	1,602
Total	11,945	2,917.5	1,412
East Central			
Blackford	364	91.0	880
Delaware	834	179.3	1,168
Fayette	514	119.2	962
Henry	938	186.2	1,045
Jay	922	188.6	1,012
Randolph	1,074	244.2	987
Union	300	88.0	1,502
Wayne	888	196.9	973
Total	5,834	1,293.4	1,047
Southwest			
Daviess	1,257	228.4	1,274
Dubois	982	195.1	1,170
Gibson	846	248.1	1,151
Greene	987	202.5	892
Knox	833	309.4	986
Martin	361	67.4	702
Pike	382	99.0	952
Posey	551	217.1	1,173
Spencer	808	178.7	1,032
Sullivan	599	188.9	891
Vanderburgh	378	85.8	1,794
Warrick	432	99.9	1,165
Total	8,416	2,120.3	1,089
South Central			
Brown	200	25.7	1,029
Crawford	418	71.6	641
Floyd	394	32.3	1,904
Harrison	1,297	184.6	982
Jackson	963	216.5	1,081
Lawrence	865	172.2	661
Monroe	583	73.1	1,226
Orange	566	112.1	832
Perry	526	92.2	686
Washington	1,034	195.1	832
Total	6,846	1,175.4	912
Southeast			
Clark	691	118.8	1,093
Dearborn	796	90.0	930
Franklin	921	160.9	1,034
Jefferson	962	137.2	807
Jennings	671	131.5	913
Ohio	283	37.2	842
Ripley	1,071	173.8	984
Scott	390	63.5	1,016
Switzerland	660	86.2	833
Total	6,445	999.1	950
STATE TOTAL	70,506	16,170.9	1,158

1/ 1987 Census of Agriculture, United States Department of Commerce.

LEADING INDIANA COUNTIES IN PRODUCTION OF MAJOR CROPS

1988 CROP

RANK	CORN COUNTY	CORN PRODUCTION	SOYBEANS COUNTY	SOYBEANS PRODUCTION	WINTER WHEAT COUNTY	WINTER WHEAT PRODUCTION	OATS COUNTY	OATS PRODUCTION	HAY COUNTY	HAY PRODUCTION
		1,000 BU.		1,000 BU.		1,000 BU.		1,000 BU.		1,000 TONS
1	CLINTON	9,712.0	BENTON	2,885.7	KNOX	1,954.7	ALLEN	235.9	HARRISON	57.0
2	KNOX	9,675.2	ALLEN	2,764.8	POSEY	1,738.7	LAGRANGE	186.9	MARSHALL	53.5
3	CARROLL	9,191.8	CLINTON	2,653.1	ALLEN	1,566.0	ADAMS	147.6	ELKHART	50.6
4	MONTGOMERY	9,024.8	WHITE	2,647.5	GIBSON	1,288.5	ELKHART	120.7	LAGRANGE	46.7
5	RUSH	8,706.7	GRANT	2,536.2	ADAMS	897.7	RANDOLPH	105.7	WASHINGTON	44.2
6	WHITE	8,668.1	MONTGOMERY	2,376.6	RANDOLPH	805.0	WHITLEY	93.5	NOBLE	39.5
7	LA PORTE	8,438.9	BOONE	2,295.9	WELLS	717.1	NOBLE	93.1	DUBOIS	39.4
8	GIBSON	8,101.4	JASPER	2,220.5	DAVIESS	699.4	DE KALB	85.1	LA PORTE	39.0
9	DECATUR	7,894.2	MADISON	2,168.6	JAY	687.9	JAY	77.6	LAWRENCE	37.3
10	BOONE	7,610.4	WELLS	2,166.0	SULLIVAN	683.8	KOSCIUSKO	71.9	KOSCIUSKO	35.7
11	DAVIESS	7,553.7	KNOX	2,165.1	DE KALB	680.3	HUNTINGTON	70.9	SPENCER	35.6
12	JASPER	7,443.4	RUSH	2,104.4	WHITLEY	600.0	WAYNE	62.4	GREENE	35.1
13	TIPPECANOE	7,362.0	TIPTON	2,083.1	HUNTINGTON	566.7	LAKE	55.3	STEUBEN	34.8
14	POSEY	7,302.4	RANDOLPH	2,068.1	RUSH	547.6	WABASH	55.3	ALLEN	33.7
15	BENTON	7,246.5	TIPPECANOE	2,037.0	WABASH	544.4	STEUBEN	54.5	WAYNE	32.8
16	CASS	7,073.5	GIBSON	1,996.0	BARTHOLOMEW	538.6	WELLS	54.3	FRANKLIN	32.3
17	KOSCIUSKO	7,044.7	HOWARD	1,982.3	DECATUR	518.3	PORTER	51.1	ORANGE	30.8
18	SHELBY	7,001.0	WARREN	1,945.3	SHELBY	491.3	LA PORTE	49.2	JAY	30.1
19	MADISON	6,995.1	SHELBY	1,928.8	HARRISON	463.8	MONTGOMERY	46.3	WHITLEY	29.0
20	PULASKI	6,644.6	LA PORTE	1,908.7	DELAWARE	461.5	MARSHALL	44.3	JEFFERSON	28.1
21	TIPTON	6,613.0	HANCOCK	1,864.5	ELKHART	448.8	HENRY	43.4	RIPLEY	26.6
22	ALLEN	6,538.4	PULASKI	1,834.4	WAYNE	442.6	WHITE	41.6	FULTON	26.3
23	MARSHALL	6,402.7	ADAMS	1,826.3	DUBOIS	441.4	ST. JOSEPH	41.6	DAVIESS	26.1
24	NEWTON	6,098.4	HAMILTON	1,781.4	KOSCIUSKO	437.5	HARRISON	40.9	ADAMS	26.1
25	FOUNTAIN	5,687.3	KOSCIUSKO	1,768.7	MADISON	437.1	DELAWARE	40.9	RANDOLPH	25.9
26	ELKHART	5,587.5	MARSHALL	1,759.9	GRANT	436.3	BENTON	36.3	SWITZERLAND	25.5
27	BARTHOLOMEW	5,339.4	POSEY	1,706.2	JOHNSON	424.4	CARROLL	35.6	PERRY	25.4
28	SULLIVAN	5,316.9	CASS	1,675.3	SPENCER	413.0	MIAMI	34.8	DE KALB	25.2
29	GRANT	5,289.2	HENRY	1,671.2	CARROLL	403.4	MADISON	34.4	KNOX	24.8
30	ST. JOSEPH	5,217.2	HUNTINGTON	1,669.7	CLAY	400.8	GRANT	34.1	WABASH	24.7
31	NOBLE	5,167.9	MIAMI	1,647.4	JACKSON	400.8	BLACKFORD	32.5	DEARBORN	24.6
32	HOWARD	5,147.6	CARROLL	1,630.8	VIGO	400.0	SHELBY	31.8	PUTNAM	24.4
33	DUBOIS	5,115.2	FOUNTAIN	1,612.1	MIAMI	396.8	TIPPECANOE	29.8	RUSH	24.3
34	CLAY	5,094.2	DELAWARE	1,602.5	TIPPECANOE	395.7	CASS	28.5	ST. JOSEPH	23.5
35	JACKSON	5,075.5	HENDRICKS	1,593.4	ST. JOSEPH	389.8	HENDRICKS	28.4	JACKSON	21.7
36	MIAMI	5,070.5	SULLIVAN	1,539.6	NOBLE	389.3	WASHINGTON	27.8	DECATUR	21.6
37	WELLS	4,929.4	NEWTON	1,494.7	CLINTON	363.1	CLINTON	27.2	JENNINGS	21.1
38	HANCOCK	4,927.8	PORTER	1,442.9	MONTGOMERY	363.0	HAMILTON	27.2	OWEN	20.7
39	FULTON	4,895.1	WABASH	1,439.4	FAYETTE	356.9	FULTON	24.5	MONTGOMERY	20.3
40	RANDOLPH	4,816.9	JAY	1,418.7	PUTNAM	356.8	JASPER	23.6	CLARK	20.3
41	WARREN	4,786.6	ST. JOSEPH	1,349.0	MARSHALL	344.2	FOUNTAIN	23.2	MIAMI	19.5
42	HAMILTON	4,757.6	ELKHART	1,334.4	LAGRANGE	341.1	TIPTON	22.7	HENRY	19.4
43	PUTNAM	4,753.9	FULTON	1,329.1	PARKE	339.3	RUSH	22.1	MONROE	19.1
44	HENDRICKS	4,734.1	NOBLE	1,260.3	STEUBEN	334.9	HANCOCK	20.8	MORGAN	19.1
45	PARKE	4,654.0	CLAY	1,257.8	LA PORTE	331.9	RIPLEY	20.3	HENDRICKS	18.8
46	WABASH	4,520.8	WHITLEY	1,257.5	HAMILTON	328.1	UNION	19.3	SHELBY	17.9
47	RIPLEY	4,499.3	DE KALB	1,239.0	CASS	323.1	MORGAN	18.9	WELLS	17.7
48	JOHNSON	4,451.2	PUTNAM	1,237.9	HENDRICKS	321.4	JEFFERSON	18.4	FOUNTAIN	17.6
49	HENRY	4,406.1	VIGO	1,233.3	FOUNTAIN	316.9	ORANGE	16.6	CRAWFORD	17.5
50	DELAWARE	4,309.6	JOHNSON	1,212.9	WASHINGTON	315.5	BOONE	16.6	FAYETTE	16.9
51	ADAMS	4,247.0	DECATUR	1,199.0	PORTER	310.8	PULASKI	16.3	JOHNSON	16.8
52	LAGRANGE	4,245.5	BARTHOLOMEW	1,160.2	FULTON	300.3	PUTNAM	15.9	HUNTINGTON	16.5
53	STARKE	4,128.3	JACKSON	1,110.4	VANDERBURGH	293.6	DECATUR	15.3	OHIO	15.9
54	PORTER	4,037.2	SPENCER	1,093.6	BLACKFORD	288.6	JOHNSON	14.5	MARTIN	15.7
55	SPENCER	4,025.6	WAYNE	1,043.3	HANCOCK	285.7	FRANKLIN	14.4	CASS	15.7
56	HUNTINGTON	4,013.2	DAVIESS	1,029.3	WARREN	279.2	SPENCER	14.2	BARTHOLOMEW	15.5
57	VIGO	3,936.3	LAKE	1,004.1	HENRY	275.2	HOWARD	14.2	CLAY	15.3
58	WAYNE	3,921.9	VERMILLION	996.3	MORGAN	273.2	FAYETTE	13.6	HAMILTON	15.1
59	VERMILLION	3,831.9	GREENE	987.4	CLARK	268.9	PARKE	13.3	TIPPECANOE	14.9
60	GREENE	3,796.9	PARKE	982.0	FRANKLIN	267.0	LAWRENCE	13.1	DELAWARE	14.6
61	MORGAN	3,604.6	MORGAN	969.8	TIPTON	224.8	DUBOIS	12.8	BOONE	14.6
62	FRANKLIN	3,539.2	RIPLEY	921.2	LAKE	224.7	DEARBORN	11.6	GRANT	14.1
63	WHITLEY	3,324.3	PIKE	785.3	BOONE	222.5	CLARK	11.3	WARRICK	13.1
64	VANDERBURGH	3,104.4	BLACKFORD	734.7	PIKE	218.9	KNOX	11.3	CLINTON	11.7
65	UNION	3,084.0	JENNINGS	728.8	WARRICK	216.0	MONROE	11.3	UNION	11.5
66	JENNINGS	3,082.0	STARKE	728.5	RIPLEY	215.1	SWITZERLAND	11.1	MADISON	11.5
67	JAY	3,013.9	VANDERBURGH	707.3	UNION	212.0	JENNINGS	10.8	WHITE	11.0
68	PIKE	2,874.7	WARRICK	681.1	WHITE	209.0	GIBSON	9.5	PARKE	10.8
69	WARRICK	2,872.7	LAGRANGE	601.9	VERMILLION	194.9	MARION	9.1	FLOYD	10.5
70	LAKE	2,863.7	JEFFERSON	593.8	GREENE	185.4	VERMILLION	8.9	WARREN	10.4
71	FAYETTE	2,830.8	FRANKLIN	589.0	HOWARD	182.5	WARREN	8.9	GIBSON	10.2
72	WASHINGTON	2,823.6	CLARK	572.6	OWEN	181.7	NEWTON	8.1	LAKE	10.2
73	DE KALB	2,577.3	MARION	564.2	JASPER	169.7	DAVIESS	7.9	SCOTT	9.9
74	STEUBEN	2,523.2	FAYETTE	552.7	BENTON	163.9	BARTHOLOMEW	7.9	SULLIVAN	9.4
75	JEFFERSON	1,964.9	STEUBEN	539.9	JENNINGS	155.7	STARKE	7.8	POSEY	9.3
76	BLACKFORD	1,905.7	DUBOIS	535.5	LAWRENCE	151.3	JACKSON	7.6	PORTER	8.8
77	ORANGE	1,851.0	UNION	481.3	JEFFERSON	134.6	OWEN	7.6	HANCOCK	8.7
78	HARRISON	1,734.6	WASHINGTON	438.0	PULASKI	130.0	PERRY	7.4	CARROLL	8.3
79	CLARK	1,674.2	OWEN	435.3	NEWTON	128.4	MARTIN	7.4	PULASKI	8.1
80	OWEN	1,647.9	HARRISON	389.6	ORANGE	123.8	FLOYD	4.8	MARION	7.6
81	SCOTT	1,573.7	LAWRENCE	334.2	PERRY	97.6	VIGO	4.4	HOWARD	7.0
82	LAWRENCE	1,549.0	SCOTT	310.0	MARTIN	82.0	CRAWFORD	4.2	VERMILLION	7.0
83	MARION	1,297.3	DEARBORN	224.2	MARION	79.6	CLAY	4.1	JASPER	6.7
84	MARTIN	1,057.4	PERRY	176.2	SCOTT	79.2	PIKE	4.1	PIKE	6.7
85	DEARBORN	766.6	ORANGE	147.5	DEARBORN	67.1	BROWN	3.9	TIPTON	6.5
86	PERRY	763.3	MARTIN	141.9	FLOYD	64.2	WARRICK	3.9	VIGO	6.5
87	MONROE	555.7	MONROE	131.7	STARKE	50.7	SCOTT	3.8	STARKE	6.0
88	SWITZERLAND	465.4	SWITZERLAND	104.5	SWITZERLAND	50.4	SULLIVAN	3.8	BLACKFORD	5.9
89	CRAWFORD	314.3	CRAWFORD	57.0	MONROE	41.3	POSEY	3.7	VANDERBURGH	5.8
90	BROWN	295.6	FLOYD	37.4	CRAWFORD	32.8	VANDERBURGH	3.7	NEWTON	5.7
91	FLOYD	203.3	BROWN	28.5	OHIO	17.2	GREENE	3.6	BROWN	5.6
92	OHIO	184.2	OHIO	26.8	BROWN	5.3	OHIO	3.5	BENTON	5.1
STATE TOTAL		415,000.0		115,500.0		35,000.0		3,000.0		1,868.0

CORN FOR GRAIN: ACREAGE, YIELD AND PRODUCTION BY COUNTIES, INDIANA,
1986 AND 1987 REVISED, 1988 PRELIMINARY

DISTRICT AND COUNTY	ACRES HARVESTED 1986	ACRES HARVESTED 1987	ACRES HARVESTED 1988	YIELD PER ACRE 1986	YIELD PER ACRE 1987	YIELD PER ACRE 1988	PRODUCTION 1986	PRODUCTION 1987	PRODUCTION 1988
	- THOUSAND ACRES -			- BUSHELS -			- THOUSAND BUSHELS -		
NORTHWEST									
BENTON.....	108.3	93.3	97.8	112	143	74	12,113.3	13,356.0	7,246.5
JASPER.....	114.5	113.9	119.9	114	138	62	13,035.5	15,734.8	7,443.4
LAKE.....	73.3	49.0	52.0	111	127	55	8,125.4	6,229.6	2,863.7
LA PORTE....	120.7	93.2	98.0	128	137	86	15,428.8	12,781.9	8,438.9
NEWTON.....	107.1	85.5	93.7	108	138	65	11,551.3	11,811.5	6,098.4
PORTER.....	63.0	54.4	57.6	118	134	70	7,424.0	7,297.3	4,037.2
PULASKI.....	101.5	87.7	94.8	107	130	70	10,845.9	11,413.1	6,644.6
STARKE.....	61.9	55.3	58.9	108	118	70	6,676.2	6,532.3	4,128.3
WHITE.....	122.7	97.2	104.3	110	144	83	13,478.9	14,011.6	8,668.1
TOTAL.....	873.0	729.5	777.0	113.0	135.9	71.5	98,679.3	99,168.1	55,569.1
NORTH CENTRAL									
CARROLL.....	108.5	95.1	102.0	129	146	90	13,977.7	13,399.3	9,191.8
CASS.....	102.7	78.5	84.1	120	137	84	12,307.4	10,765.9	7,073.5
ELKHART.....	77.5	60.5	62.7	128	128	89	9,906.7	7,752.2	5,587.5
FULTON.....	71.2	63.5	67.9	108	125	72	7,679.3	7,945.9	4,895.1
KOSCIUSKO...	106.1	81.9	85.8	119	124	82	12,608.9	10,166.3	7,044.7
MARSHALL....	89.0	69.0	73.5	118	126	87	10,487.9	8,703.2	6,402.7
MIAMI.....	80.7	60.6	63.3	124	137	80	9,993.3	8,311.0	5,070.5
ST. JOSEPH..	63.0	57.7	61.3	122	128	85	7,675.7	7,393.4	5,217.2
WABASH.....	75.6	58.9	60.2	128	140	75	9,663.8	8,254.7	4,520.8
TOTAL.....	774.3	625.7	660.8	121.8	133.0	83.2	94,300.7	83,191.9	55,003.8
NORTHEAST									
ADAMS.....	53.9	48.2	49.9	132	133	85	7,105.2	6,417.4	4,247.0
ALLEN.....	77.8	62.0	65.3	130	124	100	10,100.4	7,696.1	6,538.4
DE KALB.....	54.7	37.0	39.6	110	104	65	6,008.9	3,852.1	2,577.3
HUNTINGTON..	58.7	46.2	50.1	128	132	80	7,503.5	6,104.9	4,013.2
LAGRANGE....	69.3	49.8	53.0	118	120	80	8,166.4	5,982.3	4,245.5
NOBLE.....	68.4	51.0	56.1	120	113	92	8,197.0	5,769.1	5,167.9
STEUBEN.....	48.1	34.2	36.0	114	109	70	5,476.0	3,731.7	2,523.2
WELLS.....	61.7	51.8	54.7	135	134	90	8,318.3	6,948.5	4,929.4
WHITLEY.....	53.9	38.9	41.5	122	118	80	6,567.0	4,595.1	3,324.3
TOTAL.....	546.5	419.1	446.2	123.4	121.9	84.2	67,442.7	51,097.2	37,566.2
WEST CENTRAL									
CLAY.....	60.4	51.7	55.3	136	142	92	8,203.4	7,349.2	5,094.2
FOUNTAIN....	71.5	66.8	71.0	121	140	80	8,639.9	9,361.9	5,687.3
MONTGOMERY..	128.2	99.6	107.3	132	147	84	16,899.7	14,656.7	9,024.8
OWEN.....	26.5	19.8	21.1	123	126	78	3,255.1	2,497.4	1,647.9
PARKE.....	57.5	53.2	58.1	120	139	80	6,890.7	7,402.6	4,654.0
PUTNAM.....	69.0	54.0	57.9	130	140	82	8,957.9	7,568.0	4,753.9
TIPPECANOE..	101.5	81.8	86.5	122	142	85	12,366.3	11,627.9	7,362.0
VERMILLION..	40.2	39.4	43.0	133	149	89	5,339.4	5,876.8	3,83[illegible].9
VIGO.....	47.1	40.5	43.2	132	137	91	6,208.8	5,554.4	3,936.3
WARREN.....	62.9	58.2	62.9	126	142	76	7,914.7	8,273.1	4,786.6
TOTAL.....	664.8	565.0	606.3	127.4	141.9	83.8	84,675.9	80,168.0	50,778.9
CENTRAL									
BARTHOLOMEW.	73.2	63.1	67.5	136	135	79	9,941.8	8,527.5	5,339.4
BOONE.....	90.7	79.2	85.4	130	144	89	11,775.1	11,416.9	7,610.4
CLINTON.....	107.2	95.3	102.1	129	147	95	13,810.2	14,023.9	9,712.0
DECATUR.....	98.1	81.3	87.6	135	146	90	13,225.7	11,882.3	7,894.2
GRANT.....	64.8	52.8	56.8	134	147	93	8,671.5	7,769.8	5,289.2
HAMILTON....	66.9	52.2	55.9	120	145	85	8,017.2	7,577.0	4,757.6
HANCOCK.....	61.1	54.0	57.9	120	144	85	7,322.1	7,784.2	4,927.8
HENDRICKS...	60.4	53.9	59.1	127	143	80	7,660.5	7,715.9	4,734.1
HOWARD.....	64.7	49.9	53.0	135	148	97	8,722.8	7,393.0	5,147.6
JOHNSON.....	65.5	48.9	52.3	123	141	85	8,045.7	6,902.2	4,451.2
MADISON.....	95.7	73.8	80.3	134	150	87	12,806.6	11,081.7	6,995.1
MARION.....	14.3	15.3	16.4	116	136	79	1,656.6	2,083.0	1,297.3
MORGAN.....	52.9	42.1	45.0	131	143	80	6,920.6	6,026.7	3,604.6
RUSH.....	107.6	88.2	93.5	126	146	93	13,539.4	12,890.8	8,706.7
SHELBY.....	100.4	81.2	87.4	120	142	80	12,031.8	11,542.6	7,001.0
TIPTON.....	70.2	57.8	62.9	131	146	105	9,183.8	8,447.7	6,613.0
TOTAL.....	1193.7	989.0	1063.1	128.5	144.7	88.5	153,331.4	143,065.2	94,081.2

CORN FOR GRAIN: ACREAGE, YIELD AND PRODUCTION BY COUNTIES, INDIANA,
1986 AND 1987 REVISED, 1988 PRELIMINARY

DISTRICT AND COUNTY	ACRES HARVESTED			YIELD PER ACRE			PRODUCTION		
	1986	1987	1988	1986	1987	1988	1986	1987	1988
	- THOUSAND ACRES -			- BUSHELS -			- THOUSAND BUSHELS -		
EAST CENTRAL									
BLACKFORD...	26.5	23.2	24.4	120	132	78	3,175.7	3,065.6	1,905.7
DELAWARE....	62.4	49.3	53.8	123	141	80	7,664.9	6,958.7	4,309.6
FAYETTE.....	40.9	34.5	37.2	114	135	76	4,656.3	4,662.4	2,830.8
HENRY.....	63.8	55.1	57.9	113	136	76	7,199.7	7,501.5	4,406.1
JAY.....	44.7	40.8	43.0	116	129	70	5,178.2	5,268.8	3,013.9
RANDOLPH....	73.9	61.4	65.9	114	133	73	8,413.3	8,174.8	4,816.9
UNION.....	37.6	32.3	35.0	122	133	88	4,581.0	4,300.4	3,084.0
WAYNE.....	64.9	55.2	57.6	117	130	68	7,583.1	7,183.6	3,921.9
TOTAL.....	414.7	351.8	374.8	116.8	133.9	75.5	48,452.2	47,115.8	28,288.9
SOUTHWEST									
DAVIESS.....	96.3	76.3	82.0	133	138	92	12,790.7	10,609.6	7,553.7
DUBOIS.....	62.6	53.2	57.4	126	125	89	7,877.0	6,657.0	5,115.2
GIBSON.....	100.8	87.1	93.0	122	138	87	12,281.1	12,032.5	8,101.4
GREENE.....	63.4	43.5	47.4	116	136	80	7,344.5	5,922.3	3,796.9
KNOX.....	112.0	96.8	103.9	128	145	93	14,316.7	14,050.8	9,675.2
MARTIN.....	19.2	12.0	13.2	122	125	80	2,339.2	1,501.6	1,057.4
PIKE.....	35.3	31.0	33.0	124	129	87	4,371.3	4,003.2	2,874.7
POSEY.....	80.6	66.2	71.5	128	136	102	10,302.9	9,012.7	7,302.4
SPENCER.....	46.4	41.4	43.7	119	113	92	5,514.2	4,683.1	4,025.6
SULLIVAN....	60.6	55.0	59.0	130	138	90	7,867.4	7,598.0	5,316.9
VANDERBURGH.	31.6	31.4	33.7	121	129	92	3,818.5	4,054.9	3,104.4
WARRICK.....	38.5	28.0	30.2	114	119	95	4,383.1	3,335.5	2,872.7
TOTAL.....	747.3	622.4	668.0	124.7	134.1	91.0	93,206.6	83,461.2	60,796.5
SOUTH CENTRAL									
BROWN.....	4.2	3.4	3.6	106	109	82	444.6	371.0	295.6
CRAWFORD....	7.1	4.1	4.3	104	101	73	737.4	414.5	314.3
FLOYD.....	3.7	2.7	2.9	108	103	70	399.1	278.4	203.3
HARRISON....	32.6	22.7	24.4	100	104	71	3,255.6	2,363.3	1,734.6
JACKSON.....	80.4	63.7	68.5	114	120	74	9,153.3	7,652.1	5,075.5
LAWRENCE....	27.4	21.2	22.1	116	111	70	3,174.1	2,355.7	1,549.0
MONROE.....	10.5	6.9	7.4	115	119	75	1,205.9	822.0	555.7
ORANGE.....	32.8	21.8	23.7	122	122	78	3,996.2	2,662.4	1,851.0
PERRY.....	11.6	9.3	9.9	104	105	77	1,204.8	977.5	763.3
WASHINGTON..	49.7	34.9	37.6	112	108	75	5,558.9	3,773.2	2,823.6
TOTAL.....	260.0	190.7	204.4	112.0	113.6	74.2	29,129.9	21,670.1	15,165.9
SOUTHEAST									
CLARK.....	22.8	19.4	20.9	108	109	80	2,459.1	2,116.8	1,674.2
DEARBORN....	12.2	8.1	8.8	114	116	87	1,388.9	940.6	766.6
FRANKLIN....	45.3	38.8	41.1	117	132	86	5,293.0	5,127.0	3,539.2
JEFFERSON...	22.8	20.9	22.3	112	115	88	2,550.2	2,406.0	1,964.9
JENNINGS....	39.5	31.7	34.2	120	122	90	4,733.6	3,871.5	3,082.0
OHIO.....	4.4	2.1	2.3	100	105	80	439.4	220.7	184.2
RIPLEY.....	48.6	44.4	47.3	121	128	95	5,872.7	5,689.2	4,499.3
SCOTT.....	20.8	16.1	16.9	122	118	93	2,534.2	1,901.8	1,573.7
SWITZERLAND.	9.3	5.3	5.6	98	111	83	910.2	588.9	465.4
TOTAL.....	225.7	186.8	199.4	116.0	122.4	89.0	26,181.3	22,862.5	17,749.5
STATE TOTAL....	5700.0	4680.0	5000.0	122.0	135.0	83.0	695,400.0	631,800.0	415,000.0

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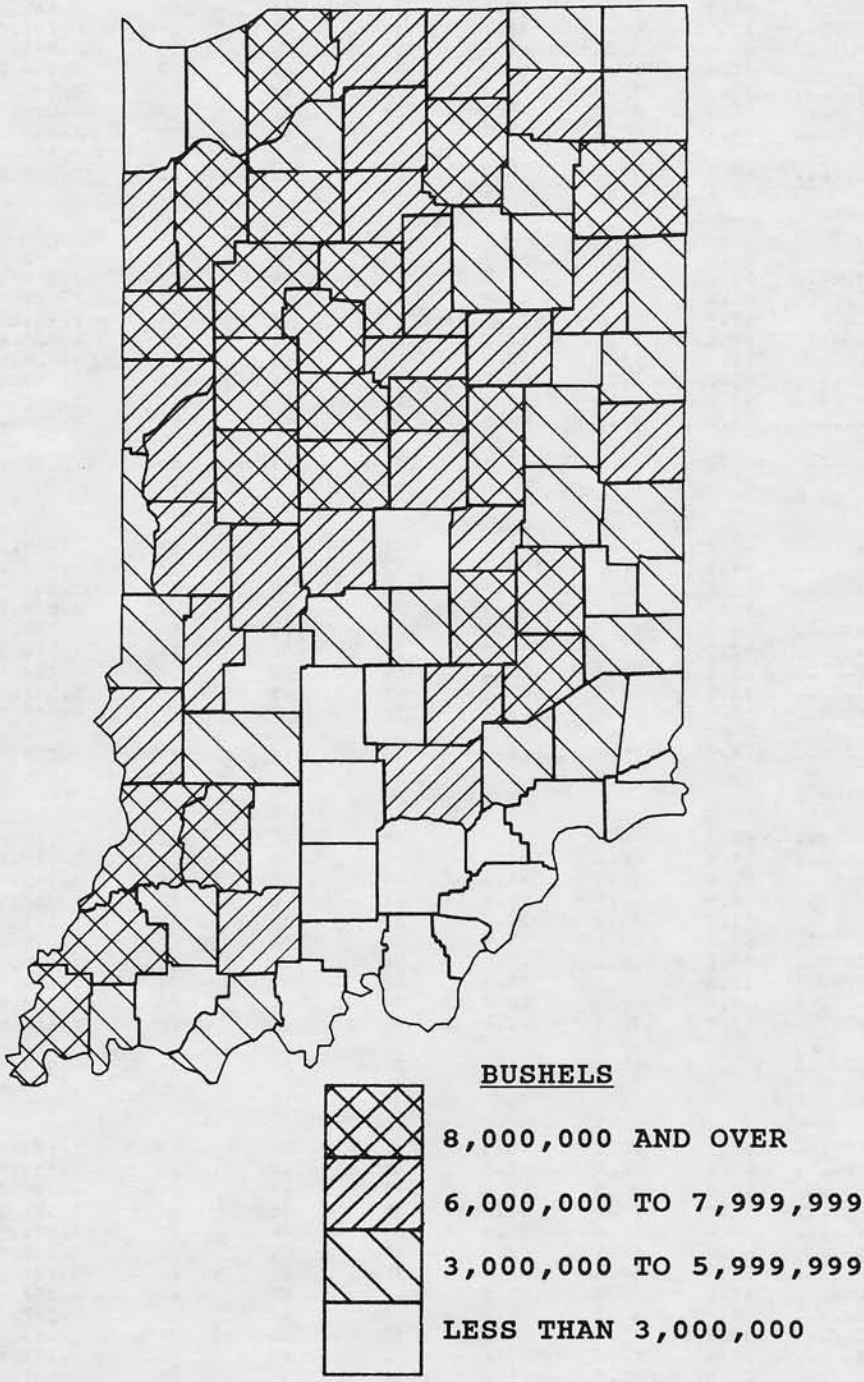
1988 CORN PRODUCTION



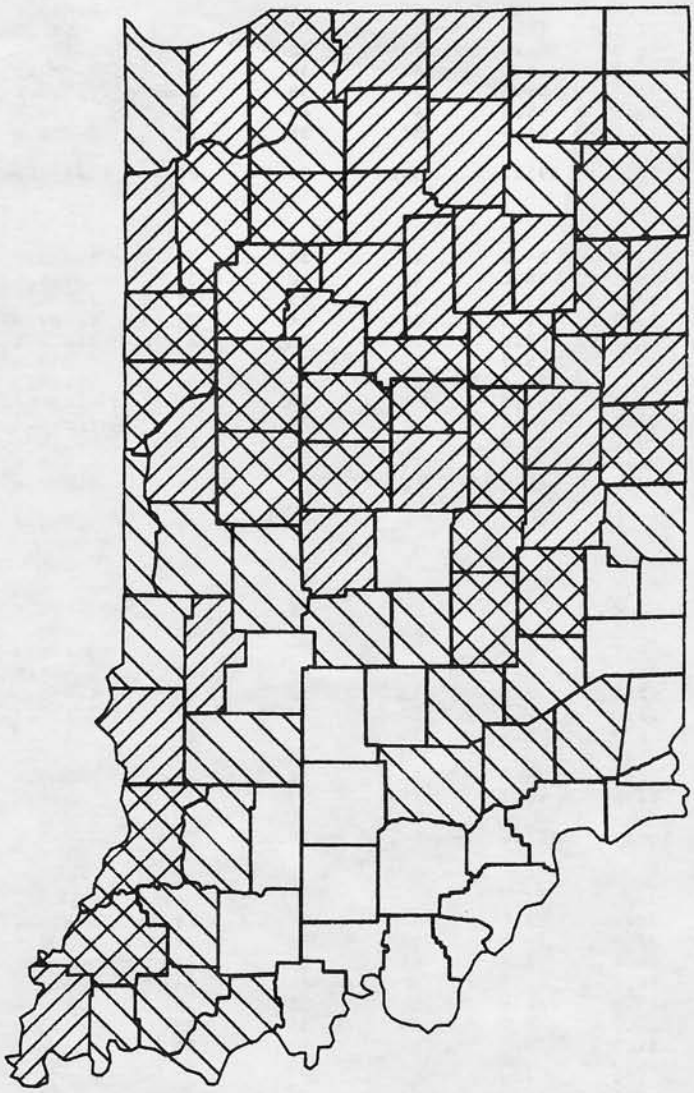
SOYBEANS: ACREAGE, YIELD AND PRODUCTION BY COUNTIES, INDIANA,
1986 AND 1987 REVISED, 1988 PRELIMINARY

DISTRICT AND COUNTY	ACRES HARVESTED			YIELD PER ACRE			PRODUCTION		
	1986	1987	1988	1986	1987	1988	1986	1987	1988
	- THOUSAND ACRES -			- BUSHELS -			- THOUSAND BUSHELS -		
NORTHWEST									
BENTON.....	110.6	109.7	107.4	35	43	27	3,855.5	4,762.3	2,885.7
JASPER.....	102.2	91.5	89.0	34	43	25	3,463.7	3,972.2	2,220.5
LAKE.....	47.7	45.3	43.6	35	41	23	1,662.8	1,875.1	1,004.1
LA PORTE....	73.5	68.5	66.3	34	42	29	2,491.0	2,904.6	1,908.7
NEWTON.....	63.2	65.4	64.9	33	42	23	2,080.7	2,773.1	1,494.7
PORTER.....	60.5	55.9	53.7	35	42	27	2,109.0	2,370.3	1,442.9
PULASKI.....	76.6	73.0	70.8	30	41	26	2,299.4	3,021.7	1,834.4
STARKE.....	36.1	31.7	29.2	29	37	25	1,048.7	1,184.1	728.5
WHITE.....	99.3	91.7	89.0	33	44	30	3,269.3	4,073.4	2,647.5
TOTAL.....	669.7	632.7	613.9	33.3	42.6	26.3	22,280.1	26,936.8	16,167.0
NORTH CENTRAL									
CARROLL.....	54.5	58.5	58.6	40	45	28	2,163.7	2,657.7	1,630.8
CASS.....	59.6	63.5	60.2	35	44	28	2,077.6	2,820.8	1,675.3
ELKHART.....	41.5	40.7	40.9	37	43	33	1,527.1	1,766.9	1,334.4
FULTON.....	52.7	55.0	51.3	32	41	26	1,684.0	2,276.6	1,329.1
KOSCIUSKO...	59.3	60.3	57.6	34	40	31	2,009.8	2,435.1	1,768.7
MARSHALL....	55.2	53.8	52.4	35	42	34	1,924.3	2,281.2	1,759.9
MIAMI.....	60.7	62.5	59.2	37	44	28	2,233.5	2,776.3	1,647.4
ST. JOSEPH..	42.5	43.6	42.6	34	41	32	1,440.4	1,804.7	1,349.0
WABASH.....	60.2	63.0	60.0	36	43	24	2,156.9	2,734.9	1,439.4
TOTAL.....	486.2	500.9	482.8	35.4	43.0	28.9	17,217.3	21,554.2	13,934.0
NORTHEAST									
ADAMS.....	67.7	75.3	73.2	41	40	25	2,753.3	3,040.8	1,826.3
ALLEN.....	98.5	107.0	102.9	40	38	27	3,910.6	4,104.9	2,764.8
DE KALB.....	57.4	57.4	53.8	33	32	23	1,889.8	1,854.4	1,239.0
HUNTINGTON..	74.4	76.2	72.5	38	42	23	2,809.7	3,231.0	1,669.7
LAGRANGE....	20.4	20.0	19.6	36	38	31	730.9	767.3	601.9
NOBLE.....	42.6	42.5	39.8	36	36	32	1,526.3	1,544.7	1,260.3
STEUBEN.....	21.9	21.3	19.4	34	35	28	742.2	752.6	539.9
WELLS.....	83.5	87.2	83.6	43	41	26	3,557.6	3,609.4	2,166.0
WHITLEY.....	50.5	48.6	46.8	36	37	27	1,809.3	1,815.4	1,257.5
TOTAL.....	516.9	535.5	511.6	38.2	38.7	26.0	19,729.7	20,720.5	13,325.4
WEST CENTRAL									
CLAY.....	44.3	46.6	45.2	39	37	28	1,715.9	1,740.7	1,257.8
FOUNTAIN....	63.9	70.2	67.2	34	38	24	2,165.7	2,693.1	1,612.1
MONTGOMERY..	82.2	86.0	85.4	41	43	28	3,343.1	3,733.4	2,376.6
OWEN.....	18.9	17.5	16.2	39	36	27	732.1	636.0	435.3
PARKE.....	36.1	39.2	37.9	39	35	26	1,398.3	1,385.1	982.0
PUTNAM.....	51.0	46.4	43.0	38	38	29	1,926.0	1,780.1	1,237.9
TIPPECANOE..	78.8	76.6	73.2	38	42	28	2,975.9	3,248.0	2,037.0
VERMILLION..	36.6	37.9	35.8	40	37	28	1,453.1	1,415.7	996.3
VIGO.....	47.6	47.8	47.6	38	34	26	1,797.6	1,640.8	1,233.3
WARREN.....	74.1	72.5	72.4	36	40	27	2,654.9	2,927.8	1,945.3
TOTAL.....	533.5	540.7	523.9	37.8	39.2	26.9	20,162.6	21,200.7	14,113.6
CENTRAL									
BARTHOLOMEW.	37.7	40.5	40.3	41	38	29	1,533.3	1,553.7	1,160.2
BOONE.....	81.8	84.4	82.5	41	42	28	3,326.8	3,578.7	2,295.9
CLINTON.....	80.9	87.0	86.4	41	46	31	3,290.2	4,040.3	2,653.1
DECATUR.....	30.0	37.2	35.7	45	43	34	1,336.3	1,614.9	1,199.0
GRANT.....	89.4	92.9	88.1	38	44	29	3,376.2	4,126.7	2,536.2
HAMILTON....	60.9	67.5	66.3	39	44	27	2,358.9	2,998.4	1,781.4
HANCOCK.....	59.5	69.4	67.0	36	41	28	2,131.8	2,872.7	1,864.5
HENDRICKS...	61.9	66.3	61.5	37	39	26	2,277.7	2,610.5	1,593.4
HOWARD.....	58.7	62.8	62.6	41	46	32	2,387.3	2,916.5	1,982.3
JOHNSON.....	37.0	41.1	39.5	39	38	31	1,433.1	1,576.8	1,212.9
MADISON.....	82.5	88.0	83.7	42	45	26	3,435.1	3,997.9	2,168.6
MARION.....	20.4	20.7	19.6	34	37	29	691.4	773.2	564.2
MORGAN.....	28.1	34.6	32.6	41	39	30	1,142.8	1,362.3	969.8
RUSH.....	57.5	64.2	64.5	42	43	33	2,394.2	2,787.0	2,104.4
SHELBY.....	63.1	68.7	67.0	38	40	29	2,383.0	2,774.3	1,928.8
TIPTON.....	55.3	62.4	60.3	43	48	35	2,356.1	3,023.9	2,083.1
TOTAL.....	904.7	987.7	957.6	39.6	43.1	29.3	35,854.2	42,607.8	28,097.8

SOYBEANS: ACREAGE, YIELD AND PRODUCTION BY COUNTIES, INDIANA,
1986 AND 1987 REVISED, 1988 PRELIMINARY

DISTRICT AND COUNTY	ACRES HARVESTED			YIELD PER ACRE			PRODUCTION		
	1986	1987	1988	1986	1987	1988	1986	1987	1988
	- THOUSAND ACRES -			- BUSHELS -			- THOUSAND BUSHELS -		
EAST CENTRAL									
BLACKFORD...	29.7	32.7	31.9	36	40	23	1,064.1	1,320.5	734.7
DELAWARE....	63.1	69.4	66.8	36	42	24	2,260.8	2,942.7	1,602.5
FAYETTE.....	15.3	17.2	18.0	38	42	31	577.8	729.3	552.7
HENRY.....	61.8	66.3	64.5	39	42	26	2,393.7	2,811.3	1,671.2
JAY.....	66.0	66.0	61.6	33	36	23	2,172.9	2,398.8	1,418.7
RANDOLPH....	85.0	92.4	89.8	34	38	23	2,880.8	3,544.8	2,068.1
UNION.....	14.2	15.8	15.2	44	42	32	618.8	670.0	481.3
WAYNE.....	47.8	47.8	45.3	37	38	23	1,758.9	1,833.8	1,043.3
TOTAL.....	382.9	407.6	393.1	35.9	39.9	24.4	13,727.8	16,251.2	9,572.5
SOUTHWEST									
DAVIESS.....	33.7	36.0	34.6	42	35	30	1,403.2	1,272.1	1,029.3
DUBOIS.....	18.0	18.4	18.0	42	32	30	749.5	594.4	535.5
GIBSON.....	66.8	67.8	65.0	41	35	31	2,716.7	2,395.7	1,996.0
GREENE.....	38.2	36.0	34.3	39	36	29	1,479.6	1,308.4	987.4
KNOX.....	78.1	82.5	77.8	39	34	28	3,025.1	2,831.9	2,165.1
MARTIN.....	5.4	5.0	5.1	40	36	28	214.4	181.7	141.9
PIKE.....	30.7	25.7	26.4	39	32	30	1,189.1	830.3	785.3
POSEY.....	64.8	66.3	63.5	38	31	27	2,447.2	2,075.0	1,706.2
SPENCER.....	46.9	42.3	40.7	35	29	27	1,634.9	1,238.5	1,093.6
SULLIVAN....	61.3	59.2	57.3	37	35	27	2,255.6	2,091.8	1,539.6
VANDERBURGH.	28.1	28.5	27.3	39	32	26	1,088.4	920.7	707.3
WARRICK.....	31.2	28.7	27.3	34	31	25	1,057.4	898.2	681.1
TOTAL.....	503.2	496.4	477.3	38.3	33.5	28.0	19,261.1	16,638.7	13,368.3
SOUTH CENTRAL									
BROWN.....	1.3	1.2	1.1	29	28	26	37.8	33.9	28.5
CRAWFORD....	2.9	2.5	2.2	38	25	26	109.5	63.1	57.0
FLOYD.....	3.2	1.7	1.5	33	27	25	105.4	46.3	37.4
HARRISON....	15.0	15.2	14.5	31	25	27	464.8	383.6	389.6
JACKSON.....	38.8	41.8	39.9	38	32	28	1,465.3	1,350.4	1,110.4
LAWRENCE....	14.4	12.6	12.9	32	28	26	460.1	356.2	334.2
MONROE.....	9.2	5.0	4.9	35	32	27	320.7	161.5	131.7
ORANGE.....	5.0	5.3	5.3	40	31	28	198.5	165.9	147.5
PERRY.....	7.7	7.1	6.8	35	27	26	268.4	193.5	176.2
WASHINGTON..	21.3	16.8	16.3	31	30	27	660.0	508.8	438.0
TOTAL.....	118.8	109.2	105.4	34.4	29.9	27.0	4,090.5	3,263.2	2,850.5
SOUTHEAST									
CLARK.....	24.9	21.8	22.1	37	31	26	916.2	682.3	572.6
DEARBORN....	9.3	8.2	7.3	33	35	31	306.2	289.8	224.2
FRANKLIN....	17.4	18.4	18.6	41	39	32	707.7	724.5	589.0
JEFFERSON...	17.5	19.1	18.2	37	34	33	643.9	655.6	593.8
JENNINGS....	23.4	25.8	24.5	36	33	30	838.4	859.6	728.8
OHIO.....	1.0	1.0	0.9	34	35	30	33.9	35.3	26.8
RIPLEY.....	27.9	31.3	30.0	37	35	31	1,026.6	1,106.0	921.2
SCOTT.....	8.9	10.2	9.5	38	34	33	336.1	350.1	310.0
SWITZERLAND.	3.8	3.5	3.3	31	35	32	117.7	123.7	104.5
TOTAL.....	134.1	139.3	134.4	36.7	34.7	30.3	4,926.7	4,826.9	4,070.9
STATE TOTAL....	4250.0	4350.0	4200.0	37.0	40.0	27.5	157,250.0	174,000.0	115,500.0

1988 SOYBEAN PRODUCTION



BUSHELS

- 2,000,000 AND OVER
- 1,000,000 TO 1,999,999
- 500,000 TO 999,999
- LESS THAN 500,000

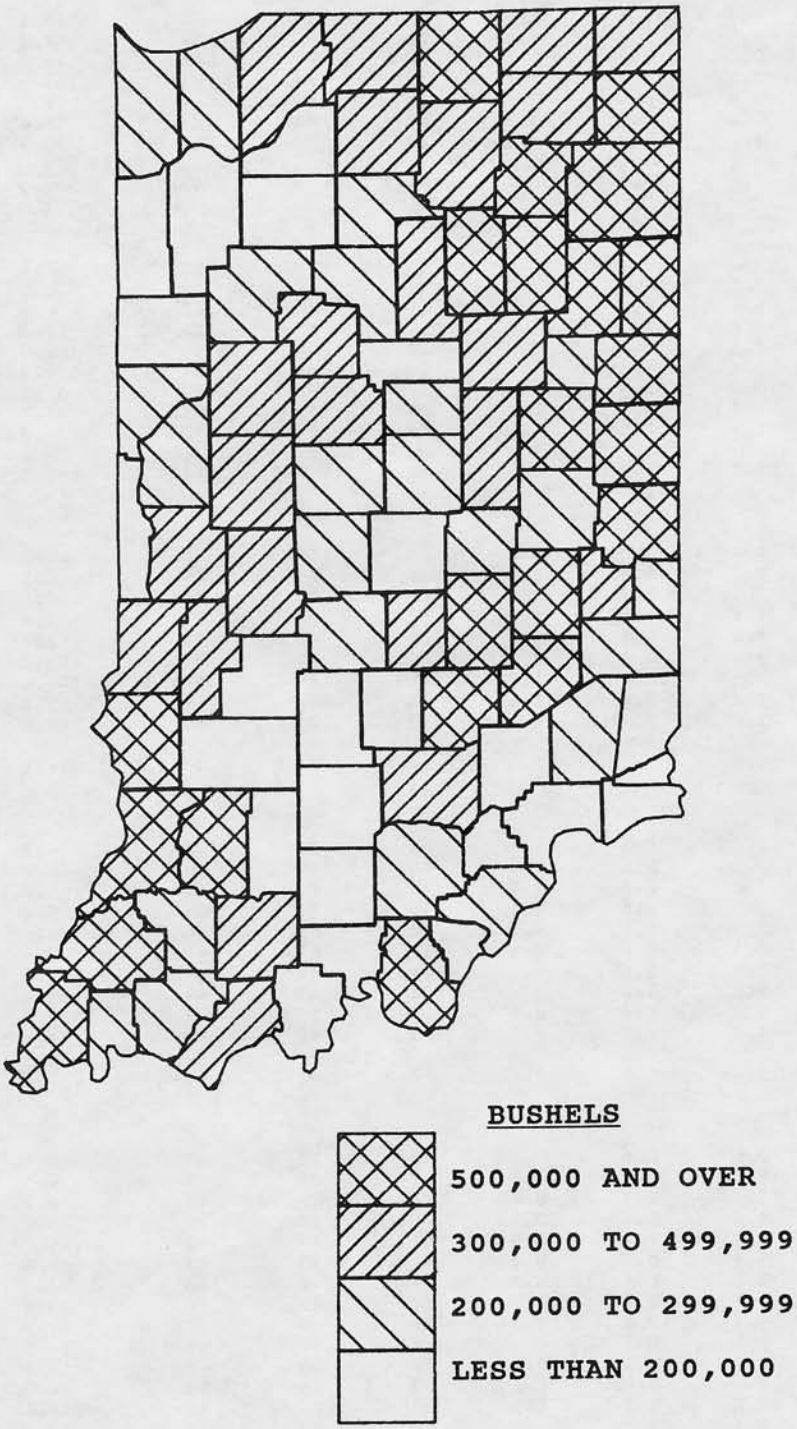
WINTER WHEAT: ACREAGE, YIELD AND PRODUCTION BY COUNTIES, INDIANA,
1986 AND 1987 REVISED, 1988 PRELIMINARY

DISTRICT AND COUNTY	ACRES HARVESTED			YIELD PER ACRE			PRODUCTION		
	1986	1987	1988	1986	1987	1988	1986	1987	1988
	- THOUSAND ACRES -			- BUSHELS -			- THOUSAND BUSHELS -		
NORTHWEST									
BENTON.....	3.2	2.5	3.5	36	69	47	116.2	173.3	163.9
JASPER.....	5.3	2.8	3.7	36	56	46	192.4	157.6	169.7
LAKE.....	3.8	3.9	4.7	37	64	48	141.7	250.8	224.7
LA PORTE....	11.2	6.2	8.1	38	58	41	428.6	361.3	331.9
NEWTON.....	3.2	2.4	2.8	42	64	46	135.0	154.3	128.4
PORTER.....	6.5	5.7	6.5	42	61	48	274.2	349.4	310.8
PULASKI.....	3.6	3.2	3.7	32	59	35	116.6	189.7	130.0
STARKE.....	2.0	1.0	1.3	33	46	39	66.7	46.2	50.7
WHITE.....	4.2	4.6	5.1	34	66	41	144.2	305.1	209.0
TOTAL.....	43.0	32.3	39.4	37.6	61.5	43.6	1,615.6	1,987.7	1,719.1
NORTH CENTRAL									
CARROLL.....	7.1	6.3	7.8	45	68	52	320.5	430.5	403.4
CASS.....	7.2	6.6	7.7	39	62	42	282.6	411.2	323.1
ELKHART.....	11.8	7.8	10.0	36	54	45	428.4	423.2	448.8
FULTON.....	7.1	6.6	8.1	32	53	37	229.9	351.5	300.3
KOSCIUSKO...	12.7	10.7	11.8	35	54	37	448.6	580.6	437.5
MARSHALL....	9.7	7.1	8.4	33	55	41	323.6	392.4	344.2
MIAMI.....	7.9	7.3	8.3	44	63	48	348.8	462.1	396.8
ST. JOSEPH..	10.6	6.6	8.5	35	56	46	374.4	371.4	389.8
WABASH.....	12.0	11.0	12.4	40	60	44	482.8	663.2	544.4
TOTAL.....	86.1	70.0	83.0	37.6	58.4	43.2	3,239.6	4,086.1	3,588.3
NORTHEAST									
ADAMS.....	19.9	16.1	18.4	50	62	49	995.8	1,003.1	897.7
ALLEN.....	32.9	28.0	32.1	49	63	49	1,614.1	1,772.6	1,566.0
DE KALB.....	10.8	15.0	16.6	38	53	41	413.3	798.9	680.3
HUNTINGTON..	8.9	11.3	12.1	43	58	47	384.2	658.6	566.7
LAGRANGE....	12.3	7.1	9.2	34	46	37	422.4	328.2	341.1
NOBLE.....	13.4	8.5	10.5	34	53	37	460.2	452.7	389.3
STEUBEN.....	9.3	6.5	7.8	38	49	43	355.9	320.1	334.9
WELLS.....	11.5	13.0	14.7	52	64	49	598.0	836.0	717.1
WHITLEY.....	14.5	12.7	14.3	42	57	42	611.8	727.4	600.0
TOTAL.....	133.5	118.2	135.7	43.9	58.4	44.9	5,855.7	6,897.6	6,093.1
WEST CENTRAL									
CLAY.....	8.3	5.9	7.9	41	54	51	342.1	320.2	400.8
FOUNTAIN....	5.9	4.8	5.8	41	62	55	243.1	299.0	316.9
MONTGOMERY..	5.4	5.2	6.2	45	64	59	243.7	334.4	363.0
OWEN.....	3.4	2.9	3.8	36	54	48	123.4	157.4	181.7
PARKE.....	7.5	5.3	5.7	39	59	60	294.4	314.2	339.3
PUTNAM.....	5.3	6.0	6.9	39	58	52	208.0	349.7	356.8
TIPPECANOE..	9.4	7.0	7.8	42	65	51	396.6	457.2	395.7
VERMILLION..	3.0	3.2	3.7	40	58	53	120.7	186.5	194.9
VIGO.....	7.9	7.4	8.2	47	55	49	372.1	409.0	400.0
WARREN.....	1.3	5.3	5.4	44	66	52	57.4	351.5	279.2
TOTAL.....	57.4	53.0	61.4	41.8	60.0	52.6	2,401.5	3,179.1	3,228.3
CENTRAL									
BARTHOLOMEW.	10.7	8.3	9.2	48	62	59	514.4	517.1	538.6
BOONE.....	5.3	3.7	4.0	49	67	56	260.0	249.1	222.5
CLINTON.....	6.9	5.4	6.1	43	68	60	297.9	369.0	363.1
DECATUR.....	7.5	7.3	8.3	46	61	62	345.9	447.5	518.3
GRANT.....	10.2	6.5	8.6	44	63	51	450.4	411.5	436.3
HAMILTON....	8.0	4.8	5.9	44	65	56	353.2	313.5	328.1
HANCOCK.....	7.0	3.3	4.8	47	64	60	329.7	212.2	285.7
HENDRICKS...	7.7	4.3	5.4	39	62	60	302.2	267.9	321.4
HOWARD.....	4.9	2.5	3.4	48	70	54	235.6	175.9	182.5
JOHNSON.....	7.4	6.1	7.5	47	62	57	348.5	380.0	424.4
MADISON.....	10.1	6.5	8.0	45	65	55	455.9	424.6	437.1
MARION.....	2.2	1.3	1.6	43	62	50	95.0	81.0	79.6
MORGAN.....	4.7	4.1	5.0	44	59	55	207.5	243.1	273.2
RUSH.....	9.4	7.3	9.2	46	64	60	433.5	469.5	547.6
SHELBY.....	11.5	7.5	9.5	46	64	52	530.3	482.3	491.3
TIPTON.....	4.4	2.6	3.6	48	72	62	211.5	188.1	224.8
TOTAL.....	117.9	81.5	100.1	45.6	64.2	56.7	5,371.5	5,232.3	5,674.5

WINTER WHEAT: ACREAGE, YIELD AND PRODUCTION BY COUNTIES, INDIANA, 1986 AND 1987 REVISED, 1988 PRELIMINARY

DISTRICT AND COUNTY	ACRES HARVESTED			YIELD PER ACRE			PRODUCTION		
	1986	1987	1988	1986	1987	1988	1986	1987	1988
	- THOUSAND ACRES -			- BUSHELS -			- THOUSAND BUSHELS -		
EAST CENTRAL									
BLACKFORD...	4.3	5.0	5.8	45	62	50	216.7	311.5	288.6
DELAWARE....	11.8	7.0	8.6	39	59	54	463.1	415.0	461.5
FAYETTE.....	6.4	4.9	6.2	41	62	58	263.7	305.3	356.9
HENRY.....	4.5	4.2	4.7	43	63	59	194.3	265.9	275.2
JAY.....	16.1	12.0	14.1	44	56	49	710.9	675.3	687.9
RANDOLPH....	17.9	13.9	16.5	45	58	49	807.9	810.1	805.0
UNION.....	4.5	3.2	4.1	44	61	52	198.7	196.2	212.0
WAYNE.....	8.4	6.6	8.1	41	58	55	346.2	384.7	442.6
TOTAL.....	74.4	56.8	68.1	43.0	59.2	51.8	3,201.5	3,364.0	3,529.7
SOUTHWEST									
DAVIESS.....	13.9	10.3	12.8	44	53	55	613.7	548.6	699.4
DUBOIS.....	7.2	8.0	8.7	45	51	51	325.0	410.0	441.4
GIBSON.....	20.2	18.2	21.3	46	58	60	931.6	1,060.7	1,288.5
GREENE.....	2.3	3.5	3.8	39	50	49	90.3	175.9	185.4
KNOX.....	34.5	32.6	37.1	47	55	53	1,624.9	1,801.7	1,954.7
MARTIN.....	1.6	1.3	1.5	46	52	55	73.8	67.9	82.0
PIKE.....	3.7	3.8	4.4	47	56	50	174.3	213.8	218.9
POSEY.....	24.1	25.7	29.7	48	58	59	1,158.7	1,497.8	1,738.7
SPENCER.....	7.0	7.1	8.3	41	47	50	288.5	335.3	413.0
SULLIVAN....	13.6	13.1	14.6	46	54	47	627.2	710.8	683.8
VANDERBURGH.	5.7	5.5	5.9	50	56	50	285.2	309.5	293.6
WARRICK.....	3.4	3.5	4.1	49	53	53	166.8	186.4	216.0
TOTAL.....	137.2	132.6	152.2	46.4	55.2	54.0	6,360.0	7,318.4	8,215.4
SOUTH CENTRAL									
BROWN.....	0.1	0.1	0.1	33	49	53	3.3	4.9	5.3
CRAWFORD....	0.4	0.5	0.7	40	44	47	16.1	22.1	32.8
FLOYD.....	1.1	1.0	1.4	39	46	46	43.2	46.2	64.2
HARRISON....	5.6	9.8	9.7	37	47	48	208.8	462.8	463.8
JACKSON.....	5.8	7.8	7.9	42	52	51	244.7	407.6	400.8
LAWRENCE....	1.6	3.2	3.3	34	46	46	54.9	147.9	151.3
MONROE.....	0.5	0.8	0.9	37	50	46	18.6	40.2	41.3
ORANGE.....	2.6	2.2	2.7	44	51	46	114.8	112.7	123.8
PERRY.....	2.2	1.8	2.0	36	42	49	79.9	76.0	97.6
WASHINGTON..	6.0	6.2	6.6	41	48	48	247.3	299.0	315.5
TOTAL.....	25.9	33.4	35.3	39.8	48.5	48.1	1,031.6	1,619.4	1,696.4
SOUTHEAST									
CLARK.....	3.5	4.8	5.2	37	46	52	130.5	221.9	268.9
DEARBORN....	2.0	1.3	1.6	34	48	42	68.7	62.7	67.1
FRANKLIN....	3.7	4.5	4.8	43	55	56	159.7	248.7	267.0
JEFFERSON...	2.4	2.7	3.0	45	48	45	108.3	130.2	134.6
JENNINGS....	4.4	2.5	2.8	47	53	56	207.2	133.1	155.7
OHIO.....	0.3	0.4	0.4	35	46	43	10.6	18.5	17.2
RIPLEY.....	6.2	3.9	4.5	40	51	48	249.4	199.9	215.1
SCOTT.....	1.4	1.2	1.4	44	48	57	61.8	57.9	79.2
SWITZERLAND.	0.7	0.9	1.1	38	47	46	26.8	42.5	50.4
TOTAL.....	24.6	22.2	24.8	41.6	50.2	50.6	1,023.0	1,115.4	1,255.2
STATE TOTAL....	700.0	600.0	700.0	43.0	58.0	50.0	30,100.0	34,800.0	35,000.0

1988 WHEAT PRODUCTION



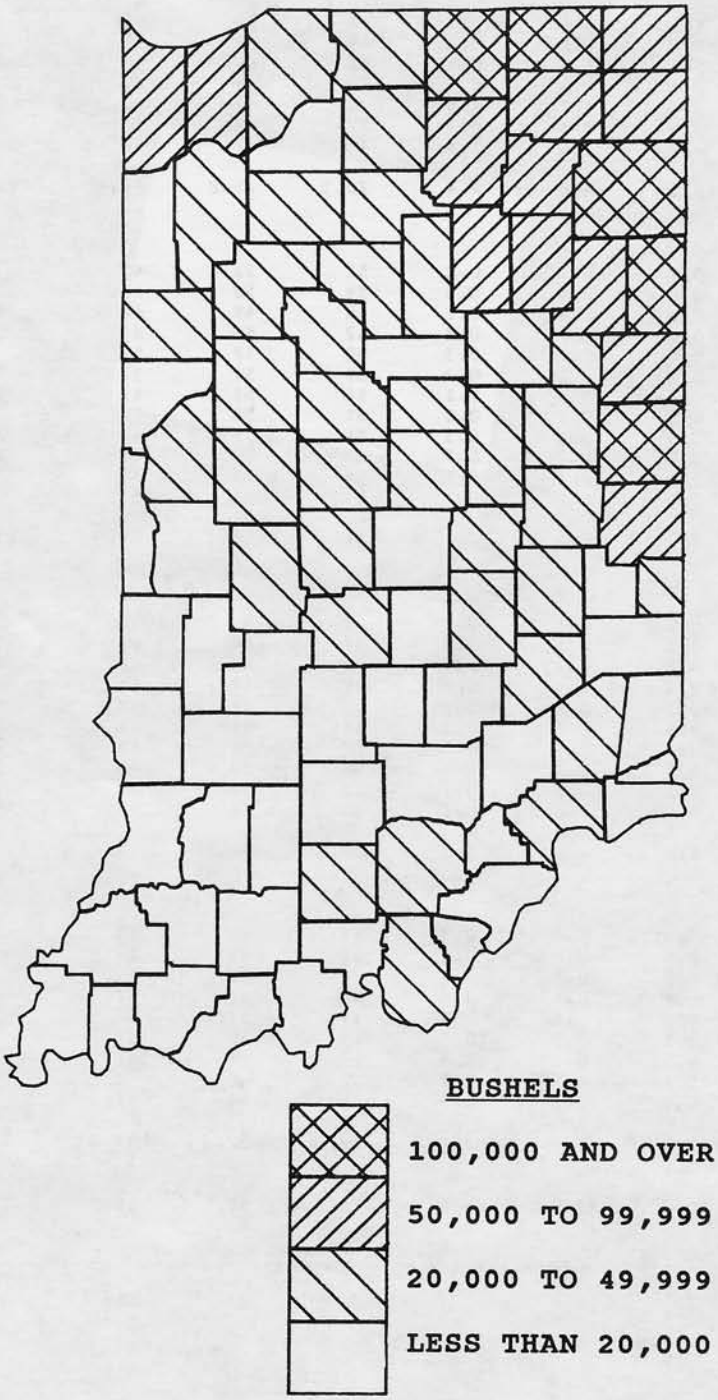
OATS: ACREAGE, YIELD AND PRODUCTION BY COUNTIES, INDIANA, 1986 AND 1987 REVISED, 1988 PRELIMINARY

DISTRICT AND COUNTY	ACRES HARVESTED			YIELD PER ACRE			PRODUCTION		
	1986	1987	1988	1986	1987	1988	1986	1987	1988
	- THOUSAND ACRES -			- BUSHELS -			- THOUSAND BUSHELS -		
NORTHWEST									
BENTON.....	0.8	0.9	0.8	90	83	45	71.9	75.0	36.3
JASPER.....	0.4	0.5	0.5	79	74	47	31.6	37.2	23.6
LAKE.....	1.6	1.6	1.5	71	69	37	113.5	109.8	55.3
LA PORTE....	1.1	1.2	1.3	72	66	38	79.1	78.8	49.2
NEWTON.....	0.3	0.2	0.2	77	76	41	23.1	15.1	8.1
PORTER.....	1.5	1.6	1.2	73	71	43	109.4	112.9	51.1
PULASKI.....	0.3	0.4	0.4	65	65	41	19.5	25.9	16.3
STARKE.....	0.3	0.2	0.2	58	60	39	17.4	11.9	7.8
WHITE.....	1.1	1.2	1.0	82	78	42	90.1	94.1	41.6
TOTAL.....	7.4	7.8	7.1	75.1	71.9	40.7	555.6	560.7	289.3
NORTH CENTRAL									
CARROLL.....	0.6	0.6	0.8	67	66	45	40.2	39.4	35.6
CASS.....	0.6	0.6	0.7	70	67	41	42.0	40.0	28.5
ELKHART.....	2.6	2.7	2.9	71	65	42	184.5	174.6	120.7
FULTON.....	1.2	1.1	0.7	67	61	35	80.3	66.8	24.5
KOSCIUSKO...	2.3	2.2	2.0	63	63	36	144.8	138.0	71.9
MARSHALL....	1.6	1.8	1.3	69	64	34	110.3	114.7	44.3
MIAMI.....	0.8	0.7	0.8	79	73	44	63.1	51.4	34.8
ST. JOSEPH..	1.1	1.2	1.0	75	69	42	82.4	82.3	41.6
WABASH.....	1.9	2.0	1.5	72	71	37	136.7	141.1	55.3
TOTAL.....	12.7	12.9	11.7	69.6	65.8	39.1	884.3	848.3	457.2
NORTHEAST									
ADAMS.....	4.7	5.0	4.0	78	76	37	366.3	382.2	147.6
ALLEN.....	7.6	8.0	5.8	83	76	41	630.3	611.5	235.9
DE KALB.....	2.3	2.5	2.5	72	71	34	165.5	176.4	85.1
HUNTINGTON..	1.5	1.6	1.5	67	69	47	100.4	109.8	70.9
LAGRANGE....	5.9	6.1	5.2	70	62	36	412.7	376.6	186.9
NOBLE.....	2.4	2.4	2.4	76	68	39	182.2	162.3	93.1
STEUBEN.....	2.0	2.1	1.6	71	66	34	141.9	137.9	54.5
WELLS.....	1.8	1.8	1.4	81	77	39	145.7	139.3	54.3
WHITLEY.....	3.4	3.3	2.6	80	71	36	271.8	232.8	93.5
TOTAL.....	31.6	32.8	27.0	76.5	71.0	37.8	2,416.8	2,328.8	1,021.8
WEST CENTRAL									
CLAY.....	0.1	0.2	0.1	68	58	41	6.8	11.6	4.1
FOUNTAIN....	0.5	0.4	0.5	80	64	46	40.0	25.5	23.2
MONTGOMERY..	1.6	2.0	1.0	70	73	46	111.9	145.0	46.3
OWEN.....	0.1	0.1	0.2	57	51	38	5.7	5.1	7.6
PARKE.....	0.3	0.3	0.3	72	67	44	21.6	20.0	13.3
PUTNAM.....	0.3	0.3	0.4	68	61	40	20.4	18.2	15.9
TIPPECANOE..	0.6	0.6	0.7	75	69	43	45.0	41.2	29.8
VERMILLION..	0.2	0.2	0.2	58	57	45	11.6	11.4	8.9
VIGO.....	0.2	0.2	0.1	64	59	44	12.8	11.7	4.4
WARREN.....	0.2	0.3	0.2	73	70	45	14.6	20.9	8.9
TOTAL.....	4.1	4.6	3.7	70.3	67.5	43.9	290.4	310.6	162.4
CENTRAL									
BARTHOLOMEW.	0.4	0.4	0.2	63	62	40	25.2	24.7	7.9
BOONE.....	0.3	0.4	0.4	82	69	42	24.6	27.4	16.6
CLINTON.....	0.8	1.0	0.6	76	75	45	60.7	74.5	27.2
DECATUR.....	0.5	0.4	0.3	66	61	51	33.0	24.3	15.3
GRANT.....	1.1	1.1	0.8	68	69	43	74.7	75.5	34.1
HAMILTON....	0.7	0.7	0.6	64	65	45	44.8	45.3	27.2
HANCOCK.....	0.6	0.6	0.5	75	67	42	45.0	40.0	20.8
HENDRICKS...	0.7	0.7	0.6	72	65	47	50.4	45.3	28.4
HOWARD.....	0.4	0.4	0.3	78	68	47	31.2	27.0	14.2
JOHNSON.....	0.5	0.5	0.3	66	69	48	33.0	34.3	14.5
MADISON.....	0.8	0.9	0.7	78	76	49	62.3	68.8	34.4
MARION.....	0.4	0.4	0.2	60	66	46	24.0	26.3	9.1
MORGAN.....	0.9	0.9	0.5	65	64	38	58.4	57.3	18.9
RUSH.....	0.8	0.9	0.6	67	68	37	53.6	60.9	22.1
SHELBY.....	1.0	1.1	0.8	69	68	40	68.9	74.4	31.8
TIPTON.....	0.3	0.9	0.5	77	75	45	61.5	67.9	22.7
TOTAL.....	10.7	11.3	7.9	70.2	68.5	43.7	751.3	773.9	345.2

OATS: ACREAGE, YIELD AND PRODUCTION BY COUNTIES, INDIANA, 1986 AND 1987 REVISED, 1988 PRELIMINARY

DISTRICT AND COUNTY	ACRES HARVESTED			YIELD PER ACRE			PRODUCTION		
	1986	1987	1988	1986	1987	1988	1986	1987	1988
	- THOUSAND ACRES -			- BUSHELS -			- THOUSAND BUSHELS -		
EAST CENTRAL									
BLACKFORD...	1.2	1.3	0.8	73	62	41	87.5	80.3	32.5
DELAWARE....	1.1	1.2	0.9	74	67	45	81.3	80.0	40.9
FAYETTE.....	0.4	0.4	0.3	61	64	45	24.4	25.5	13.6
HENRY.....	1.3	1.4	0.9	64	64	48	83.1	89.2	43.4
JAY.....	3.1	3.2	2.0	70	64	39	216.8	203.8	77.6
RANDOLPH....	3.7	4.1	2.6	74	69	41	273.6	281.3	105.7
UNION.....	0.6	0.6	0.4	70	68	48	42.0	40.6	19.3
WAYNE.....	2.2	2.4	1.5	68	67	42	149.5	159.9	62.4
TOTAL.....	13.6	14.6	9.4	70.5	65.8	42.1	958.2	960.6	395.4
SOUTHWEST									
DAVIESS.....	0.1	0.2	0.2	52	52	40	5.2	10.4	7.9
DUBOIS.....	0.4	0.4	0.3	56	56	43	22.4	22.3	12.8
GIBSON.....	0.2	0.2	0.2	50	49	48	10.0	9.8	9.5
GREENE.....	0.1	0.1	0.1	42	50	36	4.2	5.0	3.6
KNOX.....	0.1	0.2	0.3	60	57	38	6.0	11.4	11.3
MARTIN.....	0.2	0.2	0.2	51	51	37	10.2	10.2	7.4
PIKE.....	0.2	0.3	0.1	54	55	41	10.8	16.5	4.1
POSEY.....	0.1	0.1	0.1	61	58	37	6.1	5.8	3.7
SPENCER.....	0.4	0.4	0.3	54	54	47	21.6	21.6	14.2
SULLIVAN....	0.2	0.2	0.1	62	51	38	12.4	10.2	3.8
VANDERBURGH.	0.1	0.1	0.1	54	51	37	5.4	5.1	3.7
WARRICK.....	0.1	0.1	0.1	53	53	39	5.3	5.3	3.9
TOTAL.....	2.2	2.5	2.1	54.4	53.4	40.9	119.6	133.6	85.9
SOUTH CENTRAL									
BROWN.....	0.0	0.1	0.1	0	52	39	0.0	5.2	3.9
CRAWFORD....	0.1	0.1	0.1	51	54	42	5.1	5.4	4.2
FLOYD.....	0.2	0.2	0.1	70	61	48	14.0	12.1	4.8
HARRISON....	0.9	1.0	0.9	46	49	45	41.4	49.0	40.9
JACKSON.....	0.3	0.3	0.2	60	51	38	18.0	15.3	7.6
LAWRENCE....	0.5	0.5	0.3	48	51	44	24.0	25.5	13.1
MONROE.....	0.4	0.5	0.3	63	54	38	25.2	26.8	11.3
ORANGE.....	0.5	0.5	0.4	54	53	42	27.0	26.5	16.6
PERRY.....	0.2	0.2	0.2	52	52	37	10.4	10.4	7.4
WASHINGTON..	0.9	1.0	0.7	60	56	40	54.0	55.9	27.8
TOTAL.....	4.0	4.4	3.3	54.3	52.8	41.7	219.1	232.1	137.6
SOUTHEAST									
CLARK.....	0.3	0.4	0.3	48	49	38	14.4	19.6	11.3
DEARBORN....	0.5	0.6	0.3	54	53	39	27.0	31.7	11.6
FRANKLIN....	0.6	0.7	0.4	58	58	36	34.8	40.5	14.4
JEFFERSON...	0.7	0.8	0.5	56	57	37	39.2	45.5	18.4
JENNINGS....	0.4	0.4	0.3	49	51	36	19.6	20.4	10.8
OHIO.....	0.1	0.1	0.1	50	49	35	5.0	4.9	3.5
RIPLEY.....	0.5	0.5	0.5	51	47	41	25.5	23.5	20.3
SCOTT.....	0.1	0.1	0.1	52	48	38	5.2	4.8	3.8
SWITZERLAND.	0.5	0.5	0.3	48	51	37	24.0	25.5	11.1
TOTAL.....	3.7	4.1	2.8	52.6	52.8	37.6	194.7	216.4	105.2
STATE TOTAL....	90.0	95.0	75.0	71.0	67.0	40.0	6,390.0	6,365.0	3,000.0

1988 OAT PRODUCTION



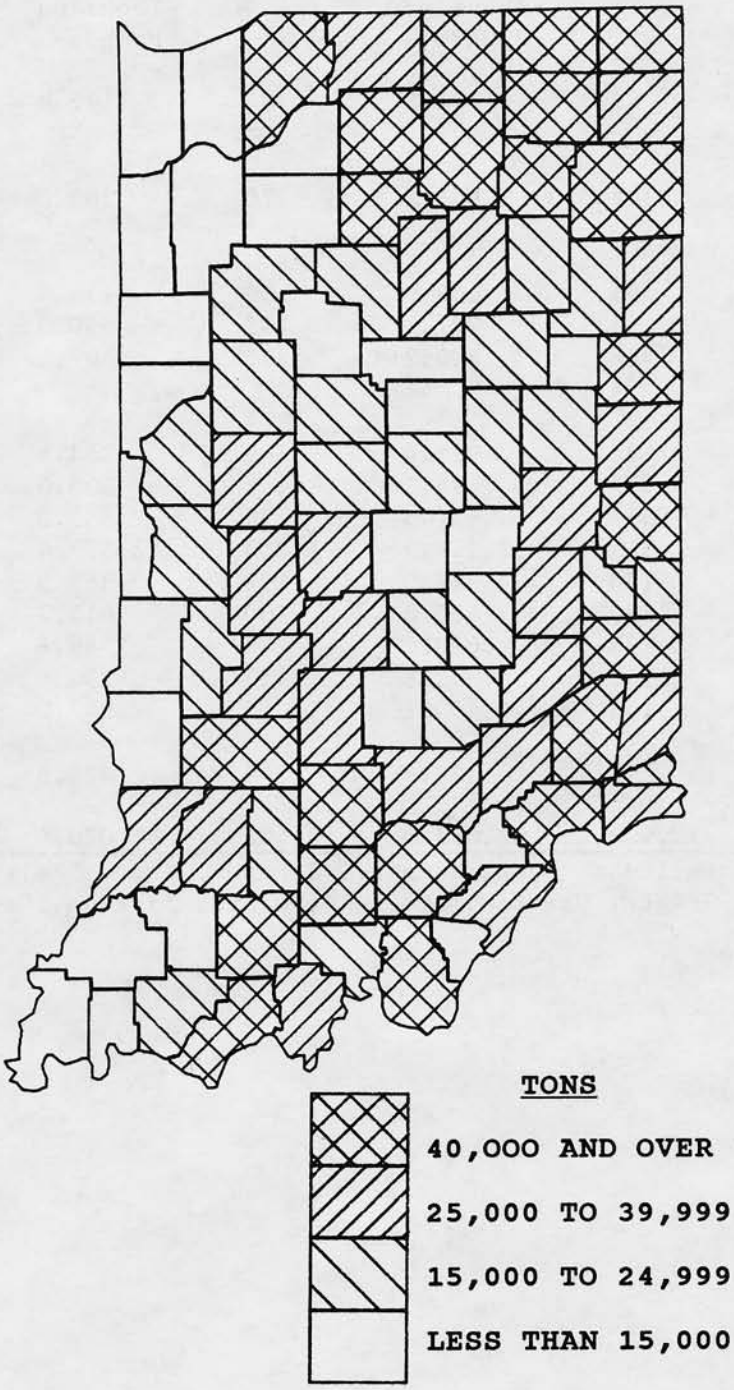
HAY: ACREAGE, YIELD AND PRODUCTION BY COUNTIES, INDIANA, 1986 AND 1987 REVISED, 1988 PRELIMINARY

DISTRICT AND COUNTY	ACRES HARVESTED			YIELD PER ACRE			PRODUCTION		
	1986	1987	1988	1986	1987	1988	1986	1987	1988
	- THOUSAND ACRES -			- TONS -			- THOUSAND TONS -		
NORTHWEST									
BENTON.....	2.0	2.0	2.6	3.2	3.5	2.0	6.4	7.0	5.1
JASPER.....	2.6	2.3	3.1	2.9	3.3	2.2	7.6	7.6	6.7
LAKE.....	5.2	4.7	6.0	3.3	3.3	1.7	17.2	15.6	10.2
LA PORTE....	12.1	11.9	15.5	3.2	3.6	2.5	38.8	43.2	39.0
NEWTON.....	2.7	2.5	3.0	3.5	3.8	1.9	9.4	9.6	5.7
PORTER.....	4.1	3.7	4.9	3.1	3.5	1.8	12.8	13.0	8.8
PULASKI.....	4.7	4.4	5.6	2.8	3.3	1.5	13.3	14.6	8.1
STARKE.....	3.3	3.2	3.5	2.9	2.9	1.7	9.7	9.3	6.0
WHITE.....	7.0	6.3	6.8	3.2	3.6	1.6	22.5	22.9	11.0
TOTAL.....	43.7	41.0	51.0	3.15	3.48	1.97	137.7	142.8	100.6
NORTH CENTRAL									
CARROLL.....	4.0	3.5	4.2	3.6	3.5	2.0	14.3	12.3	8.3
CASS.....	6.2	5.6	7.3	3.5	3.7	2.2	21.6	20.9	15.7
ELKHART.....	17.6	16.8	24.5	3.4	3.6	2.1	59.8	60.9	50.6
FULTON.....	10.1	9.7	12.2	3.3	3.6	2.2	33.4	35.2	26.3
KOSCIUSKO...	12.1	11.3	14.7	3.5	3.6	2.4	42.3	41.0	35.7
MARSHALL....	16.4	15.0	19.2	3.3	3.6	2.8	54.2	54.4	53.5
MIAMI.....	9.8	9.0	11.4	3.1	3.7	1.7	30.5	33.6	19.5
ST. JOSEPH..	8.6	8.1	10.9	3.2	3.3	2.2	27.6	26.9	23.5
WABASH.....	8.3	7.4	10.2	3.0	3.6	2.4	25.1	26.8	24.7
TOTAL.....	93.1	86.4	114.6	3.32	3.61	2.25	308.8	312.0	257.8
NORTHEAST									
ADAMS.....	9.4	9.2	13.2	3.4	3.4	2.0	31.9	31.5	26.1
ALLEN.....	13.1	12.2	15.0	3.3	3.4	2.3	43.3	41.7	33.7
DE KALB.....	10.3	9.5	12.2	3.0	3.3	2.1	31.1	31.5	25.2
HUNTINGTON..	6.8	6.4	8.0	3.2	3.3	2.1	21.8	21.2	16.5
LAGRANGE....	17.6	16.2	22.6	2.9	3.2	2.1	51.5	52.0	46.7
NOBLE.....	13.7	12.5	16.9	3.1	3.5	2.3	42.7	44.0	39.5
STEUBEN.....	13.7	13.0	15.5	3.5	3.5	2.3	47.8	45.8	34.8
WELLS.....	8.1	7.5	8.2	3.4	3.6	2.2	27.5	27.2	17.7
WHITLEY.....	12.6	11.6	12.9	3.5	3.8	2.3	44.0	44.5	29.0
TOTAL.....	105.3	98.1	124.5	3.24	3.46	2.16	341.6	339.4	269.2
WEST CENTRAL									
CLAY.....	5.5	5.0	6.8	2.9	3.0	2.3	16.1	15.0	15.3
FOUNTAIN....	7.1	6.9	8.9	3.1	3.1	2.0	22.1	21.5	17.6
MONTGOMERY..	8.2	7.9	9.4	3.0	3.4	2.2	24.8	27.0	20.3
OWEN.....	11.7	11.0	12.8	2.6	2.9	1.6	29.8	31.9	20.7
PARKE.....	6.6	5.9	7.1	3.2	3.2	1.5	21.2	19.0	10.8
PUTNAM.....	10.2	10.0	13.6	3.2	3.1	1.8	32.7	31.1	24.4
TIPPECANOE..	7.0	6.6	8.3	3.1	3.4	1.8	21.8	22.6	14.9
VERMILLION..	4.7	4.1	4.6	2.6	2.9	1.5	12.0	11.9	7.0
VIGO.....	3.6	3.1	3.8	2.8	3.0	1.7	9.9	9.3	6.5
WARREN.....	4.7	4.2	5.5	2.8	3.2	1.9	13.3	13.5	10.4
TOTAL.....	69.3	64.7	80.8	2.94	3.13	1.83	203.7	202.8	147.9
CENTRAL									
BARTHOLOMEW.	7.1	6.5	7.2	3.2	3.1	2.2	22.8	20.2	15.5
BOONE.....	4.8	4.4	6.0	2.9	3.5	2.4	14.0	15.5	14.6
CLINTON.....	4.3	3.9	4.5	3.1	3.3	2.6	13.4	12.9	11.7
DECATUR.....	8.2	7.7	9.6	3.0	3.3	2.3	24.8	25.5	21.6
GRANT.....	7.0	6.4	6.8	3.0	3.0	2.1	21.1	19.2	14.1
HAMILTON....	6.7	6.3	6.7	2.8	3.5	2.3	19.0	22.2	15.1
HANCOCK.....	4.3	3.8	4.4	2.7	2.9	2.0	11.8	11.0	8.7
HENDRICKS...	7.0	6.9	8.7	2.7	3.0	2.2	19.2	20.7	18.8
HOWARD.....	2.7	2.4	3.4	3.0	3.1	2.1	8.2	7.5	7.0
JOHNSON.....	8.2	7.5	8.5	3.3	3.4	2.0	27.1	25.6	16.8
MADISON.....	4.1	4.1	5.8	3.1	3.0	2.0	12.8	12.3	11.5
MARION.....	2.7	2.3	3.0	3.0	3.2	2.5	8.2	7.4	7.6
MORGAN.....	6.5	6.1	8.5	3.1	3.3	2.3	20.2	20.2	19.1
RUSH.....	9.8	9.3	10.4	2.6	3.0	2.3	25.0	27.9	24.3
SHELBY.....	5.9	5.1	7.1	3.1	3.3	2.5	18.4	16.9	17.9
TIPTON.....	2.7	2.3	2.5	3.3	3.4	2.6	8.9	7.9	6.5
TOTAL.....	92.0	85.0	103.1	2.99	3.21	2.24	274.9	272.9	230.8

HAY: ACREAGE, YIELD AND PRODUCTION BY COUNTIES, INDIANA, 1986 AND 1987 REVISED, 1988 PRELIMINARY

DISTRICT AND COUNTY	ACRES HARVESTED			YIELD PER ACRE			PRODUCTION		
	1986	1987	1988	1986	1987	1988	1986	1987	1988
	- THOUSAND ACRES -			- TONS -			- THOUSAND TONS -		
EAST CENTRAL									
BLACKFORD...	2.7	2.8	3.3	2.8	3.3	1.8	7.6	9.3	5.9
DELAWARE....	5.5	5.5	6.5	3.1	3.4	2.3	17.1	18.8	14.6
FAYETTE.....	5.5	4.9	6.7	3.0	3.3	2.5	16.6	16.2	16.9
HENRY.....	9.1	8.8	9.8	3.4	3.4	2.0	30.9	30.1	19.4
JAY.....	12.1	11.5	12.9	2.9	3.2	2.3	35.4	36.9	30.1
RANDOLPH....	10.9	9.9	12.0	2.8	3.0	2.2	30.9	29.8	25.9
UNION.....	3.2	2.8	4.4	3.0	3.0	2.6	9.7	8.4	11.5
WAYNE.....	15.6	14.3	16.6	2.9	2.9	2.0	45.6	41.5	32.8
TOTAL.....	64.6	60.5	72.2	3.00	3.16	2.18	193.8	191.0	157.1
SOUTHWEST									
DAVIESS.....	10.9	10.3	15.3	2.9	3.0	1.7	31.9	31.0	26.1
DUBOIS.....	17.2	15.8	20.9	2.7	2.8	1.9	45.5	44.2	39.4
GIBSON.....	4.3	3.8	5.7	2.6	2.9	1.8	11.0	11.0	10.2
GREENE.....	18.7	17.8	23.0	2.5	2.7	1.5	45.9	48.0	35.1
KNOX.....	10.5	9.7	11.5	3.0	3.1	2.2	31.7	30.2	24.8
MARTIN.....	6.3	5.6	7.6	2.7	2.9	2.1	16.7	16.2	15.7
PIKE.....	4.1	3.7	4.4	2.6	2.8	1.5	10.5	10.4	6.7
POSEY.....	3.3	3.2	4.0	2.9	2.9	2.3	9.7	9.3	9.3
SPENCER.....	13.3	12.8	16.5	2.7	2.7	2.2	35.2	34.5	35.6
SULLIVAN....	4.3	4.0	5.0	2.3	2.6	1.9	9.7	10.4	9.4
VANDERBURGH.	3.0	2.7	3.2	2.4	2.7	1.8	7.1	7.3	5.8
WARRICK.....	6.2	5.7	7.7	2.5	2.5	1.7	15.2	14.2	13.1
TOTAL.....	102.1	95.1	124.8	2.65	2.80	1.85	270.1	266.7	231.2
SOUTH CENTRAL									
BROWN.....	3.7	3.6	4.8	2.5	2.6	1.2	9.4	9.3	5.6
CRAWFORD....	9.4	8.5	12.2	2.2	2.4	1.4	20.4	20.3	17.5
FLOYD.....	5.0	4.7	6.5	2.8	2.7	1.6	14.2	12.7	10.5
HARRISON....	19.9	18.8	27.6	2.2	2.6	2.1	43.2	48.7	57.0
JACKSON.....	8.2	8.2	12.7	2.6	2.6	1.7	20.9	21.2	21.7
LAWRENCE....	18.6	17.5	24.4	2.7	2.7	1.5	49.2	47.1	37.3
MONROE.....	9.4	9.2	14.2	2.6	2.9	1.4	24.0	26.7	19.1
ORANGE.....	13.7	13.0	15.6	2.3	2.7	2.0	31.0	35.0	30.8
PERRY.....	11.2	10.7	14.9	2.4	2.4	1.7	26.4	25.5	25.4
WASHINGTON..	23.8	21.9	27.3	2.4	2.5	1.6	56.2	54.5	44.2
TOTAL.....	122.9	116.1	160.2	2.40	2.59	1.68	294.9	301.0	269.1
SOUTHEAST									
CLARK.....	10.6	10.2	13.3	2.3	2.6	1.5	24.0	26.4	20.3
DEARBORN....	14.1	13.4	17.1	2.2	2.5	1.4	30.6	33.3	24.6
FRANKLIN....	12.1	11.7	15.0	3.3	3.3	2.2	40.0	38.8	32.3
JEFFERSON...	11.3	11.3	14.2	2.2	2.6	2.0	24.5	29.3	28.1
JENNINGS....	6.2	5.7	8.7	2.6	2.5	2.4	15.8	14.2	21.1
OHIO.....	5.9	5.5	7.7	2.5	2.7	2.1	14.5	14.8	15.9
RIPLEY.....	12.9	12.0	14.1	2.4	2.6	1.9	30.4	31.1	26.6
SCOTT.....	5.1	4.8	5.8	2.3	2.4	1.7	11.6	11.4	9.9
SWITZERLAND.	8.8	8.5	12.9	2.2	2.5	2.0	19.1	21.1	25.5
TOTAL.....	87.0	83.1	108.8	2.42	2.65	1.88	210.5	220.4	204.3
STATE TOTAL....	780.0	730.0	940.0	2.87	3.08	1.99	2,236.0	2,249.0	1,868.0

1988 ALL HAY PRODUCTION



Tobacco: Acreage and Production by Counties, Indiana
1986-1988

District / County	1986		1987		1988	
	Harvested Acres	Production	Harvested Acres	Production	Harvested Acres	Production
		-Thousand Pounds-		-Thousand Pounds-		-Thousand Pounds-
Central						
Bartholomew	86	154.8	84	162.0	91	180.2
Southwest						
Spencer	312	655.2	270	540.0	317	665.1
South Central						
Floyd	95	152.0	90	153.9	100	168.8
Harrison	463	972.3	447	940.0	447	893.2
Washington	218	414.2	212	407.0	226	393.6
Southeast						
Clark	422	928.4	369	763.8	410	855.6
Dearborn	277	498.6	238	500.0	210	377.7
Franklin	327	621.3	290	585.0	283	524.1
Jefferson	1,325	2,912.0	1,250	2,577.4	1,250	2,499.5
Jennings	186	372.0	175	353.5	149	283.2
Ohio	300	630.0	280	613.2	300	642.5
Ripley	286	600.6	272	546.8	268	508.3
Scott	168	352.8	130	250.8	127	223.0
Switzerland	1,143	2,300.1	1,050	2,247.0	1,076	2,310.0
Other Counties 1/	292	530.6	243	429.6	246	420.2
STATE	5,900	12,095.0	5,400	11,070.0	5,500	10,945.0

1/ Other counties include: Owen, Decatur, Johnson, Rush, Shelby, Fayette, Henry, Union, Dubois, Greene, Warrick, Brown, Crawford, Jackson, Lawrence, Orange, and Perry.

Corn and Soybeans Stocks: On-Farms and Off-Farms
Indiana 1985-1988

Crop Year	Production For Grain	On-Farms December 1	On-Farms March 1 Following	On-Farms June 1 Following	On-Farms Sept. 1 Following	Off-Farms December 1	Off-Farms March 1 Following	Off-Farms June 1 Following	Off-Farms Sept. 1 Following
		- Thousand Bushels -							
					Corn				
1985 1/	756,450	431,177	279,887	196,677	113,500	173,325	137,872	131,974	154,009
1986	695,400	500,000	290,000	208,000	95,000	241,790	232,737	203,504	186,204
1987	631,800	475,000	260,000	170,000	90,000	254,654	224,357	195,873	157,786
1988	415,000	310,000	160,000	85,000		202,177	157,375	82,320	
					Soybeans				
1985 1/	185,090	75,887	37,018	25,913	10,000	42,122	27,397	20,702	18,854
1986	157,250	84,000	34,000	14,000	4,000	46,802	34,921	25,303	7,457
1987	174,000	77,000	30,000	14,000	4,500	37,964	23,120	14,103	6,755
1988	115,500	48,000	20,000	9,000		34,687	19,934	8,881	

1/ Prior to 1986, stocks reporting periods were January 1, April 1, June 1, and October 1 (September 1 for Soybeans).

Corn and Soybeans Stocks: Total All Positions
Indiana 1985-1987

Crop Year	Production For Grain	Total All Positions December 1	Total All Positions March 1 Following	Total All Positions June 1 Following	Total All Positions Sept. 1 Following
		- Thousand Bushels -			
			Corn		
1985 1/	756,450	604,502	417,759	328,651	267,509
1986	695,400	741,790	522,737	411,504	281,204
1987	631,800	729,654	484,357	365,873	247,786
1988	415,000	512,177	317,375	167,320	
			Soybeans		
1985 1/	185,090	118,009	64,415	46,615	28,854
1986	157,250	130,802	68,921	39,303	11,457
1987	170,000	114,964	53,120	28,103	11,255
1988	115,000	82,687	39,934	17,881	

Off-Farm Grain Storage Capacity
Indiana

Date	Rated Capacity	Number of Facilities
	- Thousand Bushels-	
Jan. 1, 1985	324,670	724
Jan. 1, 1986	322,400	708
Dec. 1, 1986	358,400	709
Dec. 1, 1987	390,820	665
Dec. 1, 1988	384,510	662

Small Grains Stocks: On-Farms and Off-Farms
Indiana 1985-1988

Crop Year	Production	On-Farms				Off-Farms			
		Sept. 1 Current Year	December 1 Following	March 1 Following	June 1 Following	Sept. 1 Current Year	December 1 Following	March 1 Following	June 1 Following
		- Thousand Bushels -							
					Oats 1/				
1985 2/	7,590	3,416	3,036	--	1,139	1,587	1,731	--	861
1986	6,390	--	--	--	1,000	--	--	--	406
1987	6,365	--	--	--	800	--	--	--	449
1988	3,000	--	--	--	400	--	--	--	371
					Wheat				
1985 2/	37,100	3,339	2,597	1,299	742	20,289	13,292	6,748	5,562
1986	30,100	3,240	1,650	1,200	900	16,509	10,468	8,658	5,132
1987	34,800	3,700	1,600	700	350	22,745	13,526	10,485	6,390
1988	35,000	3,100	1,600	550	150	25,844	20,781	9,264	1,407

1/ Oat stocks estimated in June only starting in 1986.
2/ Prior to 1986, stocks reporting periods were October 1, January 1, April 1, and June 1.

Small Grains Stocks: Total All Positions
Indiana 1985-1988

Crop Year	Production	Total All Positions			
		Sept. 1 Current Year	December 1 Following	March 1 Following	June 1 Following
		- Thousand Bushels -			
			Oats 1/		
1985	7,590	5,003	4,767	--	2,000
1986	6,390	--	--	--	1,406
1987	6,365	--	--	--	1,249
1988	3,000	--	--	--	771
			Wheat		
1985	37,100	23,628	15,889	8,047	6,304
1986	30,100	19,749	12,118	9,858	6,032
1987	34,800	26,445	15,126	11,185	6,740
1988	35,000	28,944	22,381	9,814	1,557

Farm Marketing of Field Crops
Percent of Open Market Farm Sales, by Months
Indiana 1985-1988

Year	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
						Corn 1/						
1985									4	22	18	14
1986	8	6	3	5	6	6	3	5	4	14	13	7
1987	10	10	9	8	6	7	4	5	7	11	6	4
1988	11	12	10	6	5	11	9	8	7			
						Soybeans 2/						
1985									9	36	5	6
1986	7	7	6	8	5	5	3	3	9	35	11	6
1987	10	8	6	5	4	2	2	2	28	18	5	3
1988	10	9	5	5	5	5	3	4				
						Wheat 3/						
1985							75	6	3	1	1	4
1986	4	2	1	1	1	1	73	7	4	2	3	4
1987	2	1	1	1	1	1	74	7	3	2	4	2
1988	2	2	1	1	1	1						
						Oats 3/						
1985							58	18	1	1	1	2
1986	3	1	3	4	4	4	50	15	7	1	1	3
1987	3	5	6	1	2	6	44	11	2	3	1	3
1988	1	10	10	5	5	5						
						Hay 4/						
1985						18	10	8	8	5	5	7
1986	8	10	9	7	5	10	13	10	7	4	4	10
1987	10	9	10	9	4	15	12	7	6	5	6	8
1988	11	12	10	4	4							
						Tobacco 5/						
1986											20	59
1987	21	--									23	45
1988	32	--									34	19
1989	44	3										

1/ Beginning with the 1985 crop, the corn marketing year is September-August.
2/ Crop marketing year for soybeans is September-August.
3/ Beginning with the 1985 crop, the marketing year for wheat and oats is June-May.
4/ Crop marketing year for hay is June-May.
5/ Crop marketing year for tobacco is November-February.

Kinds and Acreages of Forages
Indiana 1988

Kinds	Acreage (000)
Hay 1/	
(1) Alfalfa	460
(2) All Other	480
Hay Total	940
Pasture 2/	
(1) Permanent (including woodland pasture)	835
(2) Cropland	747
Pasture Total	1,582
Silage and Green Chop 2/	
(1) Grass	50
(2) Corn	113
(3) Sorghum	3
Silage and Green Chop Total	166
Crop Residues 3/	
(1) Corn	5,000
(2) Soybeans	4,200
(3) Small Grains	786
Crop Residues Total	9,986
Grand Total	12,674

1/ Acreage harvested in 1988.
2/ All farms as reported by 1987 Census of Agriculture.
3/ Acreage harvested for grain and soybeans in 1988.

Hay Stocks: Production of Hay, Total Supply, and Disappearance on Indiana Farms, 1985-1988

Crop Year	All Hay Production	Stocks of Hay on Farms: December 1 Following	Stocks of Hay on Farms: May 1 Following	Total Hay Supply (Production Plus May 1 Carryover)	Disappearance of Hay
	- Thousand Tons -				
1985 1/	2,485	1,764	497	2,954	2,457
1986	2,236	1,722	358	2,733	2,375
1987	2,249	1,754	360	2,607	2,247
1988	1,868	1,233	112	2,228	2,116

Pasture Condition 2/, Monthly
Indiana, 1985-1988

Year	April 1	May 1	June 1	July 1	Aug. 1	Sept. 1	Oct. 1	Nov. 1
	- Percent -							
1985	78	91	86	86	72	88	79	86
1986	3/	85	88	84	85	75	80	87
1987		89	85	83	84	71	67	66
1988		83	66	20	26	52	62	65

1/ Prior to 1986, stocks reporting periods were January 1 and May 1.
2/ Percent of normal: Normal = 100, if there was no unusual damage from unfavorable weather, insects, diseases, or other pests.
3/ April 1 pasture condition report discontinued.

Soybeans and Small Grain Varieties Grown in Indiana
Percent of Total Harvested Acreage
1986-1988

Variety	1986	1987	1988
Soybeans			
Pella/Pella 86	14.9	13.1	9.4
Williams/Williams 79,	14.3	11.8	8.7
Williams 82	--	--	--
Century/Century 84	8.1	9.0	7.7
Harper	4.2	4.1	4.2
Calland	0.9	0.5	1.2
Union	1.2	1.1	--
Other Public Varieties	5.4	5.8	2.7
Private Varieties/Brands	46.3	49.4	63.2
Other and Unknown	4.7	5.2	2.9
TOTAL	100.0	100.0	100.0
Wheat			
Caldwell	57.1	54.9	52.0
Arthur 71	3.7	2.7	4.4
Cardinal	--	--	4.1
Auburn	6.5	4.3	3.8
Becker	--	0.5	3.4
Fillmore	1.5	0.5	3.0
Scotty	2.9	3.7	2.8
Compton	0.9	1.3	1.4
Titan	1.7	1.6	1.0
Private 1/	18.6	23.7	18.9
Other and Unknown	7.1	6.8	5.2
TOTAL	100.0	100.0	100.0
Oats			
Noble	36.7	26.4	44.9
Ogle	34.8	38.6	44.3
Larry	0.7	2.6	2.9
Clintford	0.9	4.7	1.8
Otee	6.0	4.1	1.5
Lang	3.0	0.2	1.2
Other and Unknown	17.9	23.4	3.4
TOTAL	100.0	100.0	100.0

1/ Includes varieties and blends.

Measured Row Spacing of Corn for Grain and Soybeans: Percentage Distribution and Average Width Indiana 1985-1988 1/

Year	Number of Samples	Corn for Grain, Row Width Groups (Inches)							Average Width
		30.5 & Less	30.6 to 32.5	32.6 to 34.5	34.6 to 36.5	36.6 to 38.5	38.6 to 40.5	40.6 & Greater	
		Percent of Samples							Inches
1985	167	48.5	13.7	4.2	13.8	15.0	4.8	0.0	32.6
1986	167	52.1	16.7	1.2	9.6	16.2	4.2	0.0	32.4
1987	174	47.7	12.1	2.9	16.1	14.9	5.8	0.6	32.8
1988	178	52.8	14.0	1.1	10.1	16.9	4.5	0.6	32.5

Year	Number of Samples	Soybean Row Width Groups (Inches)					Average Width 2/
		10.0 & Less 2/	10.1 to 18.5	18.6 to 28.5	28.6 to 34.5	34.6 & Greater	
		Percent of Samples					Inches
1985	106	7.1	9.0	2.8	59.9	21.2	29.1
1986	105	13.8	9.6	4.8	55.5	16.3	26.7
1987	104	20.8	8.2	1.9	56.1	13.0	25.9
1988	117	16.3	8.1	4.3	58.4	12.9	26.9

1/ Data from Objective Yield Survey.
2/ Broadcast soybeans included as 10.0 inches and less but excluded in computation of average width.

Fertilizer Usage on Acreage Harvested for Grain 1/
Indiana 1986-1988

Year	Acres Harv. (000)	Percent Acres Receiving: Any Fertilizer	Percent Acres Receiving: N	Percent Acres Receiving: P O	Percent Acres Receiving: K O	Rate per Acre Receiving 2/: N	Rate per Acre Receiving 2/: P O	Rate per Acre Receiving 2/: K O	Percent Acres Fertilized 3/: At or Before Seeding Only	Percent Acres Fertilized 3/: After Seeding Only	Percent Acres Fertilized 3/: At Before or After Seeding	Plant Population Plants Per Acre
		-Percent-				-Pounds-			-Percent-			-Plants-
						Corn for Gain						
1986	5,700	99	99	95	86	157.0	75.0	113.0	55	1	44	21,500
1987	4,680	98	98	91	84	136.0	65.0	107.0	57	2	41	21,900
1988	5,200	97	97	92	85	146.0	71.0	113.0	58	2	41	20,700
						Wheat						
1986	700	92	77	90	89	77.0	49.0	60.0	38	5	57	
1987	600	100	100	85	82	73.0	60.0	75.0	9	15	76	
1988	700	96	96	85	85	72.0	58.0	76.0	16	10	74	
						Soybeans						
1986	4,250	38	16	31	37	11.0	49.0	84.0	100	0	0	
1987	4,250	50	30	41	45	14.0	46.0	66.0	94	6	0	
1988	4,300	51	31	41	49	18.0	40.0	78.0	98	0	2	

1/ Data from Objective Yield Survey.
2/ To convert to the elements N, P, K: P_2O_5 is converted to P by dividing by 2.29137; K_2O is converted to K by dividing by 1.20459.
3/ Percentages apply to acres receiving fertilizer.

Classified Fertilizer Sales in Indiana
1986-1988 1/

Year by Seasons 2/	Total Tons Fertilizer	Tons Based on Actual Nutrients: N	Tons Based on Actual Nutrients: P O	Tons Based on Actual Nutrients: K O
1985 Fall	476,104	62,008	55,892	127,326
1986 Spring	1,905,696	420,638	195,693	309,997
1985-86 Total	2,381,800	482,646	251,585	437,323
1986 Fall	495,820	75,495	50,533	118,803
1987 Spring	1,763,684	415,120	214,472	308,753
1986-87 Total	2,259,504	490,615	265,005	427,556
1987 Fall	549,992	71,870	63,995	143,426
1988 Spring	1,590,747	361,452	163,367	241.038
1987-88 Total	2,140,739	433,322	227.362	384,464
1988 Fall	546,057	71,345	69,139	132,998

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

FRUIT CROP SUMMARY

Indiana's total apple production of 56 million pounds for 1988 was down 22 percent from 1987. The price per pound was 20.0 cents, up 3.0 cents from the previous year. Total value of the 1988 apple crop came to $10.2 million, down 14 percent from the record high set in 1987.

Peach production in Indiana in 1988 totaled 4.5 million pounds. This was down 40 percent from the 1987 crop. The price farmers received for peaches averaged 30.9 cents per pound. Total value of the 1988 peach crop came to $1.4 million, down 36 percent from 1987.

Apple and Peach Production, Season Average Price and Value Indiana 1985-1988

Year	Production: Total (Million Pounds)	Production: Having Value (Million Pounds)	Price Per Pound (Cents)	Value of Production (Thousand Dollars)
		Apples, Commercial 1/		
1985	75.0	75.0	13.1	9,832
1986	37.0	37.0	18.6	6,864
1987	72.0	70.0	17.0	11,920
1988	56.0	51.0	20.0	10,200
		Peaches		
1985 2/	--	--	--	--
1986	4.0	4.0	33.0	1,320
1987	7.5	7.5	28.9	2,168
1988	4.5	4.5	30.9	1,391

1/ In orchards of 100 or more trees of bearing age.
2/ No significant commercial production because of winter freeze.

Flowering and Bedding Plants Summary
Indiana's 1988 Production and Value

Indiana's wholesale value of all flowers, foliage plants and bedding plants sold by commercial producers in 1988 and 1987 totaled $30.9 and $34.5 million respectively. The state's most valuable floriculture crop was hybrid tea roses with a value of sales amounting to $8.1 million. Flowering bedding plants were second with sales at $3.1 million. Potted poinsettias with sales of $2.8 million were third followed by sweetheart roses at $2.2 million, and potted geraniums at 1.9 million.

The number of commercial producers in Indiana continues to decline, a trend started in recent years. Value of sales decreased for sweetheart roses, flowering bedding plants, hybrid tea roses, standard chrysanthemuns, potted geraniums, potted poinsttias and potted lilies. Varieties showing increases were pompon chrysanthemuns and potted chrysanthemuns.

All data summarized reflect information furnished by commercial floricultural producers. A commercial floricultural producer is defined as one who has $10,000 or more in gross sales of cut flowers, flowering and foliage plants, bedding plants, or cultivated florists greens, and who produces one or more of the crops surveyed.

The "area used for production" is defined as the "gross" area used, including walkways and aisles. This includes that area used for growing floricultural crops under glass, plastic, cloth, lath, or outdoors. The area is counted only once if refilled several times with the same crop during the year, but if the area is refilled with different crops, it is reported under each crop grown.

Number of Commercial Producers
Indiana 1987-1988

Type	1987	1988	Type	1987	1988
Chrysanthemums			Potted		
Standard	23	23	Poinsettias	131	117
Pompon	23	24	Geraniums	175	167
Potted	29	28	Lilies	58	57
			Hydrangeas		
Roses					
Hybrid Tea	5	5	Bedding Plants		
Sweetheart	5	4	Flowering	118	120
			Vegetable	170	158
Snapdragons 1/		--	--		

1/ Not applicable because Snapdragons and Other Cut Flowers were combined.
2/ Not applicable because Potted Hydrangeas were combined with Other Potted Flowers.

Area for Production, Sales, Price, Wholesale Value
Indiana, 1987-1988

Type	Area for Production		Units Sold		% of Sales at Wholesale		Unit Wholesale Price		Value of Sales at Wholesale 1/	
	1987	1988	1987	1988	1987	1988	1987	1988	1987	1988
	-1,000 Sq.Ft.-		-Thousands-		-Percent-		-Dollars-		-1,000 Dollars-	
Chrysanthemums										
Standard (Blooms)	50	83	140	137	54	55	58.5	58.0	82	79
Pompon (Bunches)	98	111	52	80	26	21	2.22	2.22	115	178
Potted(All Pots)	201	205	289	317	94	93	--	--	1,144	1,282
Less than 5"	--	--	11	11	--	--	2.65	3.04	--	--
5" or More	--	--	278	306	--	--	4.01	4.08	--	--
Roses 2/										
Hybrid Tea (Blooms)	1,624	1,334	18,994	15,381	100	100	.443	.527	8,414	8,106
Sweetheart (Blooms)	429	311	8,881	7,079	100	100	.271	.313	2,407	2,216
Potted Poinsettias										
All (Pots)	1,745	1,362	994	693	70	88	4.80	--	3,984	2,757
Less than 5"	--	--	190	148	--	--	2.52	2.42	--	--
5" or More	--	--	804	545	--	--	4.36	4.45	--	--
Potted Geraniums										
All (Pots)	614	674	1,228	1,325	60	61	2.64	--	2,952	1,857
Less than 5"	--	--	1,070	1,219	--	--	2.35	1.26	--	--
5" or More	--	--	158	106	--	--	2.77	3.03	--	--
Potted Lilies										
All (Pots)	122	114	146	122	85	84	--	--	560	495
Less than 5"	--	--	22	--	--	--	3.15	--	--	--
5" or More	--	--	124	122	--	--	3.96	4.03	--	--
Flowering Bedding Plants										
All (Flats)	1,192	1,165	589	578	65	66	5.49	5.29	3,234	3,058
Vegetable Bedding Plants										
All (Flats)	319	274	178	150	46	47	5.41	5.09	963	764

1/ Equivalent wholesale value of sales.
2/ The data shown under Area for Production are number of plants in 1,000 plant units.

LIVESTOCK SUMMARY

The total value of the four major species of livestock and poultry on Indiana farms January 1, 1989 (December 1, 1988 for swine and chickens) amounted to $1.076 billion, up 1 percent from the $1.064 billion a year earlier.

Cattle numbers were down 5 percent in 1988 and value per head at $585 was $80 above a year ago. Total cattle inventory value, at $754.7 million, increased 10 percent from the $686.8 million last year. Cows and heifers that have calved totaled 530,000 head, 5 percent fewer than a year earlier. Of this total, 350,000 were beef cows (down 5 percent) and 180,000 were milk cows (down 5 percent).

Hog and pig numbers (December 1, 1988), at 4.30 million, were 7 percent below a year ago. The average value per head decreased from $72.50 in 1987 to $64.50 in 1988. This lowered the total inventory value to $277.4 million, 17 percent less than a year ago. Indiana moved from third to fourth in the nation in the number of hogs on hand December 1.

Indiana sheep producers had 19 percent more sheep and lambs than a year earlier. Stock sheep totaled 86,000 head. Average value per head increased $20.50 from a year ago to $99.00. Total inventory value at $9.4 million was 50 percent above the previous year.

Total chicken inventory, at 27.8 million birds, was down 4 percent from last year. With this inventory, Indiana ranked second in the nation for both total chickens and hens and pullets of laying age (22.0 million). The total value of the chicken inventory was $34.8 million, down 8 percent from 1987. The value per bird decreased 5 cents from the previous year to $1.25 as of December 1, 1988.

Indiana's Rank in Livestock Inventory Numbers Among States
January 1, 1989

INDIANA'S RANK IN LIVESTOCK INVENTORY NUMBERS AMONG STATES, JANUARY 1, 1989

Species	Top Ranking States					
	First		Second		Indiana	
	State	Inventory	State	Inventory	Rank	Inventory
		-thousand head-		-thousand head-		-thousand head-
All Cattle and Calves	Texas	13,700	Kansas	5,900	31	1,290
Milk Cows	Wisconsin	1,740	California	1,025	16	180
Beef Cows	Texas	5,445	Missouri	2,004	29	350
Sheep & Lambs	Texas	1,900	California	940	24	95
All Hogs 1/	Iowa	13,900	Illinois	5,600	4	4,300
Chickens 1/ 2/	California	36,800	Indiana	27,800	2	27,800
Turkeys 3/	N. Carolina	47,900	Minnesota	38,500	7	12,900

1/ December 1, preceding year. 2/ Excludes commercial broilers. 3/ Number raised.

Number of Livestock Farms by Species
Indiana 1985-1988

Species	1985	1986	1987	1988
Cattle	45,000	42,000	41,000	38,000
Milk Cows	7,900	7,500	6,400	5,700
Hogs	19,000	17,000	15,000	16,000
Sheep	5,200	5,000	4,600	3,800

Livestock Record Highs and Lows, Inventory Numbers
Indiana

Species	Date Series Began	Record	Inventory	Date
All cattle and calves	1867	High	2,225,000	January 1, 1976
		Low	1,174,000	January 1, 1867
Milk cows and heifers that have calved 1/	1867	High	848,000	January 1, 1945
		Low	180,000	January 1, 1989
Beef cows and heifers that have calved 1/	1920	High	618,000	January 1, 1976
		Low	83,000	January 1, 1925
All hogs	1867	High	5,322,000	January 1, 1944
		Low	2,475,000	January 1, 1894
Stock sheep and lambs	1867	High	2,400,000	January 1, 1867
		Low	73,000	January 1, 1988
All chickens excluding commercial broilers	1924	High	28,980,000	January 1, 1988
		Low	13,963,000	January 1, 1961

1/ Prior to January 1, 1970, definition was milk cows and beef cows 2 years old and over.

Number of Livestock and Poultry on Farms, By Classes
Indiana, January 1, 1985-1989

Class of Livestock	1985	1986	1987	1988	1989 2/
		- Thousand Head -			
Cattle and Calves	1,620	1,570	1,470	1,360	1,290
Cows and Heifers that have Calved	636	605	580	560	530
Beef Cows	439	400	381	370	350
Milk Cows	197	205	199	190	180
Heifers 500 Pounds and Over	291	285	265	245	240
For Beef Cow Replacement	58	58	55	50	45
For Milk Cow Replacement	95	102	90	85	80
Other Heifers	133	125	120	110	115
Steers 500 Pounds and Over	240	250	205	195	195
Bulls 500 Pounds and Over	33	30	30	25	25
Calves under 500 Pounds	425	400	390	335	330
Hogs and Pigs 1/	4,300	4,150	4,150	4,600	4,300
Breeding Stock	570	560	540	620	540
Market Hogs	3,730	3,590	3,610	3,980	3,760
All Sheep and Lambs	110	100	91	80	95
On Feed	10	8	9	7	9
Stock Sheep	100	92	82	73	86
Lambs	17	15	15	12	13
Ewes	15	12	12	10	11
Wethers and Rams	2	3	3	2	2
One Year Old and Older	83	77	67	61	73
Ewes	78	73	63	57	68
Wethers and Rams	5	4	4	4	5
All Chickens 1/ 3/	27,730	28,620	27,915	28,980	27,800
Hens and Pullets of Laying Age	21,840	21,880	21,600	22,540	21,950
Hens	8,950	9,930	8,855	9,200	6,300
Pullets	12,890	11,950	12,745	13,340	15,650
Pullets not of Laying Age	5,810	6,660	6,240	6,365	5,800
Pullets 3 Months Old and Older	2,490	2,740	2,770	3,150	2,450
Pullets Under 3 Months	3,320	3,920	3,470	3,215	3,350
Other Chickens	80	80	75	75	50

1/ Estimates are December 1 of preceding year.
2/ Preliminary.
3/ Excludes Commercial Broilers.

Number and Value of Livestock and Poultry on Farms
Indiana, January 1, 1985-1989

January 1	All Cattle and Calves 1/	Hogs and Pigs 2/	Sheep and Lambs		All Chickens Excluding Commercial Broilers 2/
			Stock Sheep	All 1/	
		Number (Thousand Head)			
1985	1,620	4,300	100	110	27,730
1986	1,570	4,150	92	100	28,620
1987	1,470	4,150	82	91	27,915
1988	1,360	4,600	73	80	28,980
1989 4/	1,290	4,300	86	95	27,800
		Total Value (Thousand Dollars)			
1985	639,900	335,400	3/	6,765	40,209
1986	620,150	315,400	3/	6,750	34,344
1987	573,300	396,325	3/	6,552	39,081
1988	686,800	333,500	3/	6,280	37,674
1989 4/	754,650	277,350	3/	9,405	34,750
		Average Value Per Head (Dollars)			
1985	395	78.00	3/	61.50	1.45
1986	395	76.00	3/	67.50	1.20
1987	390	95.50	3/	72.00	1.40
1988	505	72.50	3/	78.50	1.30
1989 4/	585	64.50	3/	99.00	1.25

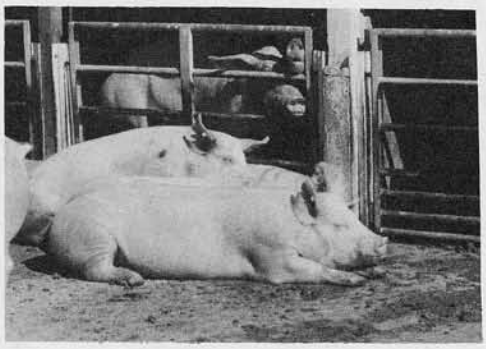
1/ Includes number on feed.
2/ Inventory relates to December 1 of the preceding year.
3/ Estimates not available.
4/ Preliminary.

LEADING INDIANA COUNTIES IN LIVESTOCK AND MILK PRODUCTION

RANK	HOGS AND PIGS AS OF DECEMBER 1, 1988		PIG CROP IN 1988		CATTLE AND CALVES AS OF JANUARY 1, 1989		MILK COWS AS OF JANUARY 1, 1989		MILK PRODUCTION IN 1988	
	COUNTY	NUMBER	COUNTY	NUMBER	COUNTY	NUMBER	COUNTY	NUMBER	COUNTY	POUNDS
		1,000 HD.		1,000 HD.		1,000 HD.		1,000 HD.		1,000 LBS.
1	Carroll	218.0	Carroll	346.0	Elkhart	43.5	Elkhart	19.4	Elkhart	277,413.0
2	Clinton	175.4	Clinton	338.0	Lagrange	38.5	Lagrange	11.0	Lagrange	145,640.0
3	Daviess	131.2	Montgomery	266.0	Kosciusko	36.0	Marshall	8.1	Adams	113,205.0
4	Montgomery	129.9	Wabash	224.0	Wabash	32.5	Adams	7.6	Marshall	112,012.0
5	Wabash	127.6	Jasper	199.0	Washington	29.4	Kosciusko	5.7	Kosciusko	82,324.0
6	Dubois	126.9	Decatur	197.0	Lawrence	28.5	Noble	5.6	Noble	80,922.0
7	Decatur	112.4	Kosciusko	186.0	Dubois	28.1	La Porte	5.4	La Porte	73,296.0
8	White	112.3	White	179.0	Daviess	27.0	Allen	4.4	Daviess	68,799.0
9	Rush	109.1	Daviess	165.0	Jackson	26.5	De Kalb	4.4	Allen	62,990.0
10	Jasper	102.1	Dubois	164.0	Harrison	25.4	Daviess	4.2	De Kalb	60,913.0
11	Kosciusko	100.4	Rush	161.0	Wayne	25.0	Steuben	4.2	Steuben	56,560.0
12	Miami	100.1	Lagrange	158.0	Decatur	24.0	Washington	4.1	Fulton	55,813.0
13	Cass	93.7	Miami	158.0	Marshall	24.0	Miami	4.0	Miami	54,767.0
14	Lagrange	83.8	Randolph	150.0	La Porte	23.5	Fulton	3.7	Washington	50,386.0
15	Adams	78.0	Adams	138.0	Miami	23.5	Wabash	3.5	St.Joseph	47,856.0
16	Howard	74.6	Cass	135.0	Greene	22.6	Jay	3.4	Jay	43,700.0
17	Tippecanoe	73.1	Tippecanoe	127.0	Spencer	20.5	St.Joseph	3.3	Wabash	42,892.0
18	Allen	71.9	Wayne	120.0	Putnam	20.0	Wayne	3.2	Wayne	42,142.0
19	Randolph	70.3	Pulaski	115.0	Franklin	19.5	Dubois	3.0	Dubois	41,666.0
20	Elkhart	66.7	Putnam	110.0	Noble	18.7	Whitley	2.9	Whitley	40,836.0
21	Franklin	66.5	Huntington	109.0	Allen	18.6	Jackson	2.7	Wells	36,063.0
22	Boone	66.1	Boone	101.0	Montgomery	18.5	Harrison	2.6	Jackson	35,979.0
23	Wayne	65.5	Howard	99.0	Rush	18.5	Wells	2.6	Harrison	35,900.0
24	Pulaski	64.0	Knox	98.0	Knox	18.0	Franklin	2.5	Rush	31,401.0
25	Huntington	63.2	Allen	95.0	Ripley	17.5	Rush	2.3	Franklin	29,824.0
26	Putnam	60.1	Elkhart	93.0	Adams	17.3	Switzerland	2.2	Cass	29,820.0
27	Knox	59.0	Gibson	93.0	Henry	16.8	Cass	2.0	Switzerland	26,959.0
28	Fayette	57.7	Franklin	87.0	Tippecanoe	16.0	Huntington	2.0	Huntington	25,066.0
29	Grant	57.0	Fayette	86.0	Jefferson	15.0	Decatur	1.7	Ripley	21,008.0
30	Wells	52.7	Tipton	84.0	Orange	14.9	Delaware	1.6	Decatur	20,761.0
31	Gibson	52.3	Wells	84.0	Cass	14.5	Pulaski	1.6	Pulaski	20,500.0
32	Fulton	50.3	Grant	82.0	Owen	14.5	Randolph	1.6	Randolph	20,356.0
33	Union	48.9	Hancock	82.0	Clark	14.0	Ripley	1.6	Lake	19,140.0
34	Henry	47.8	Noble	79.0	Fulton	14.0	Shelby	1.6	Bartholomew	18,586.0
35	Tipton	47.1	Shelby	75.0	Whitley	14.0	Greene	1.5	Shelby	18,122.0
36	Whitley	47.1	Union	75.0	Fountain	13.5	Bartholomew	1.4	Greene	17,974.0
37	Hancock	45.2	Whitley	75.0	De Kalb	13.0	Jefferson	1.4	Spencer	17,003.0
38	Jackson	44.3	Fulton	70.0	Johnson	12.7	Lake	1.4	Henry	16,499.0
39	Spencer	44.0	Henry	69.0	Dearborn	12.5	Spencer	1.4	Delaware	16,369.0
40	Delaware	43.0	Jackson	69.0	Jay	12.5	Clark	1.3	Clark	15,923.0
41	Noble	42.3	Madison	68.0	Perry	12.5	Henry	1.3	Grant	15,649.0
42	Shelby	41.4	Spencer	66.0	Bartholomew	12.0	Orange	1.3	Posey	15,639.0
43	Washington	39.7	Blackford	62.0	Shelby	12.0	Grant	1.1	Orange	14,361.0
44	Madison	39.3	Delaware	62.0	Hendricks	11.7	Fayette	1.0	Jefferson	14,309.0
45	Hamilton	38.0	Hendricks	62.0	Carroll	11.5	Lawrence	1.0	Gibson	12,975.0
46	Jay	37.5	Hamilton	59.0	Jasper	11.5	Madison	1.0	Union	11,254.0
47	Parke	35.5	La Porte	54.0	Morgan	11.5	Porter	1.0	Madison	11,135.0
48	Bartholomew	34.9	Bartholomew	53.0	Randolph	11.5	Posey	1.0	Hendricks	11,028.0
49	Martin	33.2	Jay	53.0	White	11.5	White	1.0	Howard	10,750.0
50	Ripley	33.0	Newton	53.0	Boone	11.0	Gibson	0.9	Porter	10,700.0
51	Marshall	32.7	Parke	53.0	Grant	11.0	Hendricks	0.9	Warrick	10,546.0
52	Hendricks	32.2	Posey	53.0	Jennings	11.0	Howard	0.9	White	10,300.0
53	St.Joseph	32.2	Ripley	52.0	Newton	11.0	Johnson	0.9	Lawrence	10,100.0
54	La Porte	31.9	Marshall	51.0	Steuben	11.0	Union	0.9	Johnson	10,090.0
55	Posey	28.8	Washington	51.0	Monroe	10.9	Boone	0.8	Fayette	10,031.0
56	Newton	28.5	St.Joseph	50.0	Fayette	10.5	Clay	0.8	Hamilton	10,029.0
57	De Kalb	26.4	Orange	48.0	St.Joseph	10.5	Dearborn	0.8	Boone	9,829.0
58	Orange	26.1	De Kalb	46.0	Switzerland	10.5	Monroe	0.8	Clay	9,700.0
59	Blackford	25.0	Morgan	43.0	Wells	10.4	Putnam	0.8	Putnam	9,028.0
60	Clay	24.0	Martin	41.0	Crawford	10.0	Vanderburgh	0.8	Marion	8,971.0
61	Benton	22.5	Steuben	38.0	Gibson	10.0	Warrick	0.8	Vanderburgh	8,878.0
62	Fountain	22.4	Fountain	35.0	Parke	10.0	Hamilton	0.7	Dearborn	8,453.0
63	Greene	22.1	Clay	34.0	Pulaski	9.6	Marion	0.7	Perry	8,422.0
64	Johnson	20.6	Johnson	33.0	Howard	9.5	Perry	0.7	Monroe	8,199.0
65	Porter	20.2	Porter	31.0	Huntington	9.5	Starke	0.7	Starke	7,513.0
66	Harrison	20.1	Greene	28.0	Madison	9.5	Owen	0.6	Carroll	6,800.0
67	Perry	20.1	Benton	27.0	Martin	9.3	Benton	0.5	Owen	6,650.0
68	Steuben	18.9	Jennings	27.0	Hamilton	8.8	Carroll	0.5	Morgan	5,661.0
69	Jennings	17.6	Lawrence	26.0	Sullivan	8.8	Morgan	0.5	Tippecanoe	5,579.0
70	Sullivan	17.4	Vermillion	26.0	Posey	8.6	Tippecanoe	0.5	Benton	5,459.0
71	Lawrence	17.0	Warren	25.0	Warren	8.6	Crawford	0.5	Crawford	5,201.0
72	Starke	15.3	Harrison	24.0	Clay	8.5	Jennings	1/	Knox	2/
73	Pike	14.9	Switzerland	24.0	Hancock	8.2	Scott	1/	Ohio	2/
74	Morgan	14.5	Sullivan	21.0	Union	8.0	Ohio	1/	Scott	2/
75	Vermillion	13.5	Jefferson	20.0	Porter	7.5	Knox	1/	Montgomery	2/
76	Vigo	12.6	Owen	20.0	Clinton	7.3	Montgomery	1/	Jennings	2/
77	Warrick	12.5	Pike	19.0	Delaware	7.0	Pike	1/	Pike	2/
78	Owen	11.9	Perry	17.0	Warrick	7.0	Parke	1/	Vigo	2/
79	Warren	11.2	Starke	17.0	Vermillion	6.4	Vigo	1/	Parke	2/
80	Switzerland	9.8	Clark	16.0	Lake	6.0	Jasper	1/	Martin	2/
81	Lake	9.6	Lake	14.0	Scott	6.0	Floyd	1/	Sullivan	2/
82	Jefferson	9.5	Vigo	14.0	Vigo	6.0	Clinton	1/	Clinton	2/
83	Clark	7.4	Warrick	14.0	Benton	5.8	Martin	1/	Jasper	2/
84	Dearborn	6.4	Dearborn	13.0	Tipton	5.3	Sullivan	1/	Hancock	2/
85	Monroe	5.9	Monroe	10.0	Pike	5.2	Hancock	1/	Floyd	2/
86	Marion	4.9	Marion	7.0	Ohio	5.0	Blackford	1/	Blackford	2/
87	Vanderburgh	4.9	Scott	7.0	Floyd	4.6	Fountain	1/	Vermillion	2/
88	Scott	4.7	Vanderburgh	7.0	Starke	4.6	Brown	1/	Brown	2/
89	Crawford	3.4	Brown	4.0	Marion	4.0	Vermillion	1/	Fountain	2/
90	Ohio	2.6	Crawford	4.0	Brown	3.3	Newton	1/	Tipton	2/
91	Floyd	2.0	Floyd	4.0	Vanderburgh	2.9	Tipton	1/	Newton	2/
92	Brown	1.7	Ohio	4.0	Blackford	2.7	Warren	1/	Warren	2/
STATE		4,300.0	STATE	7,031.0	STATE	1,290.0	STATE	180.0	STATE	2,407,000.0

1/ Less than 500 milk cows, included in State total.
2/ Less than 5 million pounds produced, included in State total.

HOGS AND PIGS



The total pig crop in 1988 was 1 percent smaller than in 1987. Sows farrowed in 1988 decreased 1 percent from last year while litter rate increased 1 percent to 7.75. An $8.70 decrease in average price per hundredweight and a 9 percent increase in pounds marketed resulted in cash receipts of $717 million, 10 percent lower than in 1987. Gross income (cash receipts plus value of home consumption) also decreased 10 percent from a year earlier.

Sows Farrowed and Pig Crop, by Quarters and Total
Indiana 1985-1989

Year	Spring		Fall		Total
	Dec.*-Feb.	March-May	June-Aug.	Sept.-Nov.	
			Sows Farrowing (Thousands)		
1985	205	225	225	205	860
1986	200	230	230	200	860
1987	200	230	260	225	915
1988	210	245	240	210	905
1989	205				
			Pigs Per Litter		
1985	7.40	7.80	7.60	7.80	7.65
1986	7.70	7.70	7.60	7.80	7.70
1987	7.65	7.80	7.70	7.70	7.70
1988	7.75	7.75	7.70	7.70	7.75
1989	7.90				
			Pig Crop (Thousands)		
1985	1,517	1,755	1,710	1,599	6,581
1986	1,540	1,771	1,748	1,560	6,619
1987	1,530	1,794	2,002	1,733	7,059
1988	1,628	1,899	1,848	1,617	6,992
1989	1,620				

* December preceding year.

Average Price Paid for Feeder Pigs Quarterly
Indiana 1985-1989

Year	February	May	August	November	Annual
		-Dollars per 100 Lbs.-			
1985	89.00	92.00	84.00	81.50	86.60
1986	85.00	93.00	114.00	109.00	100.30
1987	110.00	111.00	102.00	90.00	103.30
1988	95.00	103.00	67.00	62.50	81.90
1989	78.00				

Hog Production and Disposition
Indiana 1985-1988

Year	On Hand Dec. 1 Preceding Year	Spring		Fall		Inship-ments	Market-ings 1/	Farm Slaughter	Death
		Sows Farrowed	Pigs Saved	Sows Farrowed	Pigs Saved				
	-Thousand Head-								
1985	4,300	430	3,272	430	3,309	297	6,763	7	258
1986	4,150	430	3,311	430	3,308	291	6,637	6	267
1987	4,150	430	3,324	475	3,735	285	6,602	7	285
1988	4,600	455	3,527	450	3,465	225	7,219	8	290
1989	4,300								

1/ Excludes interfarm sales.

Hog Production and Income
Indiana 1985-1988

Year	Production 1/	Marketings 2/	Price Per 100 Pounds	Cash Receipts 3/	Value Home Consumption	Gross Income
	-Thousand Pounds-		-Dollars-	-Thousand Dollars-		
1985	1,568,520	1,598,177	44.00	705,372	1,922	707,294
1986	1,553,500	1,568,321	49.50	778,932	1,853	780,785
1987	1,619,285	1,564,916	50.50	792,490	1,951	794,441
1988	1,644,640	1,709,345	41.80	716,587	1,204	717,791

1/ Adjustments made for inshipments and changes in inventory.
2/ Excludes interfarm sales.
3/ Includes receipts from marketings of farm slaughtered meat.

Number of Hogs on Farms by Weight Groups, by Quarters
Indiana 1985-1989

Year and Month	For Breeding	Other Hogs and Pigs					Total All Hogs and Pigs
		Under 60 Pounds	60-119 Pounds	120-179 Pounds	180 Lbs. and Over	Total	
		-Thousand Head-					
March 1, 1985	520	1,275	845	765	545	3,430	3,950
June 1, 1985	550	1,450	950	665	535	3,600	4,150
Sept. 1, 1985	545	1,480	943	762	520	3,705	4,250
Dec. 1, 1985	560	1,285	980	770	555	3,590	4,150
March 1, 1986	520	1,300	860	725	545	3,430	3,950
June 1, 1986	550	1,430	950	685	535	3,600	4,150
Sept. 1, 1986	530	1,500	930	750	540	3,720	4,250
Dec. 1, 1986	540	1,250	1,010	775	575	3,610	4,150
March 1, 1987	510	1,245	860	755	580	3,440	3,950
June 1, 1987	550	1,460	950	690	550	3,650	4,200
Sept. 1, 1987	575	1,645	1,010	830	540	4,025	4,600
Dec. 1, 1987	620	1,360	1,085	875	660	3,980	4,600
March 1, 1988	535	1,335	900	745	585	3,565	4,100
June 1, 1988	570	1,520	1,030	740	640	3,930	4,500
Sept. 1,1988	550	1,550	1,000	860	640	4,050	4,600
Dec. 1, 1988	540	1,260	1,060	820	620	3,760	4,300
March 1, 1989	500	1,315	890	725	620	3,550	4,050
June 1, 1989	535	1,475	1,005	725	610	3,815	4,350

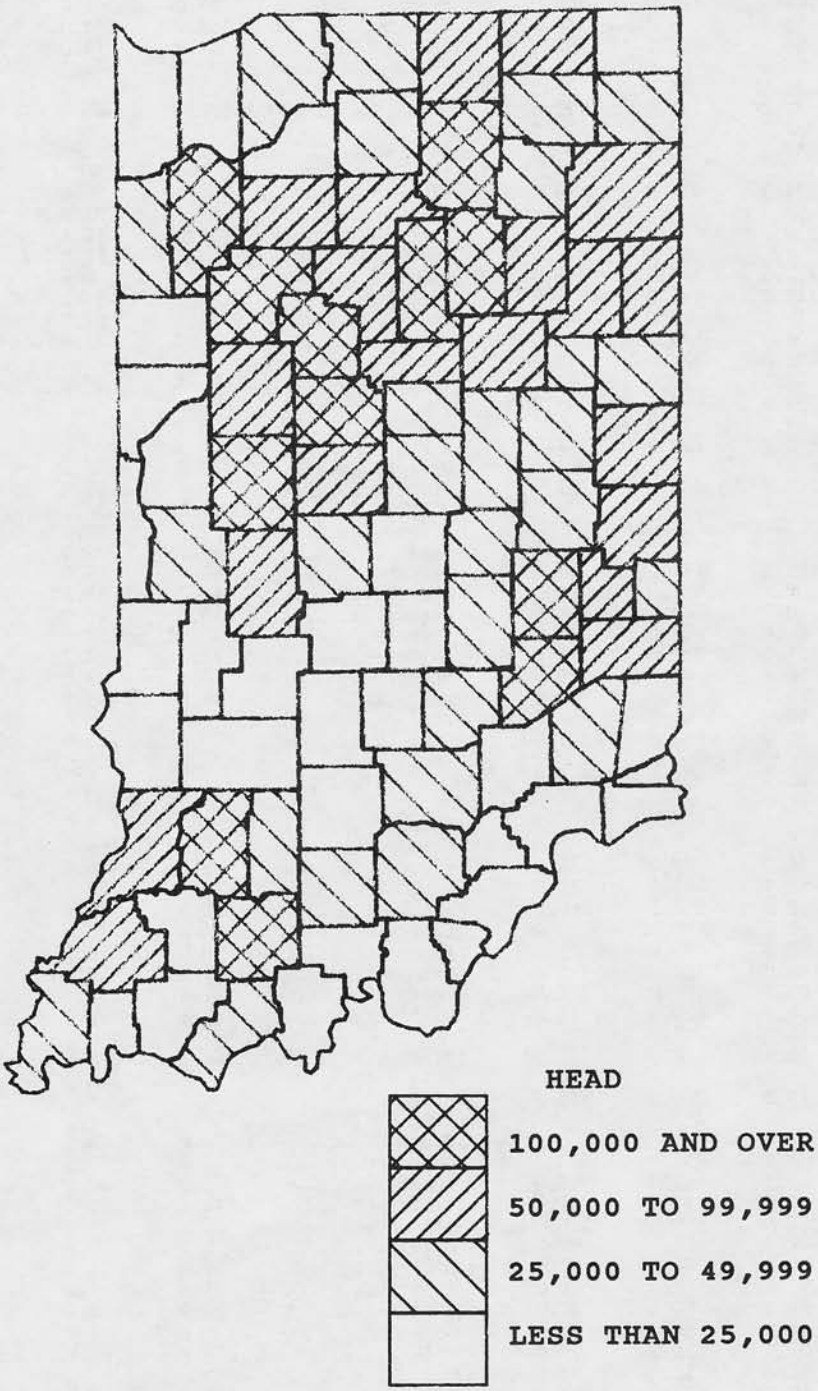
NUMBER OF ALL HOGS AND PIGS BY COUNTIES
INDIANA DECEMBER 1, 1986-1988

COUNTY AND DISTRICT	1986	1987	1988
	THOUSANDS		
NORTHWEST			
Benton.....	24.4	24.1	22.5
Jasper.....	92.7	102.9	102.1
Lake.....	10.6	9.9	9.6
La Porte.....	28.0	33.0	31.9
Newton.....	33.1	34.2	28.5
Porter.....	22.9	21.9	20.2
Pulaski.....	53.0	62.8	64.0
Starke.....	17.4	18.6	15.3
White.....	99.9	117.6	112.3
TOTAL.....	382.0	425.0	406.4
NORTH CENTRAL			
Carroll.....	224.4	221.9	218.0
Cass.....	90.6	95.8	93.7
Elkhart.....	75.1	74.7	66.7
Fulton.....	48.4	56.0	50.3
Kosciusko.....	95.7	109.6	100.4
Marshall.....	35.9	34.9	32.7
Miami.....	99.7	109.6	100.1
St.Joseph.....	28.5	34.3	32.2
Wabash.....	115.7	135.6	127.6
TOTAL.....	814.0	872.4	821.7
NORTHEAST			
Adams.....	77.7	92.0	78.0
Allen.....	80.7	83.0	71.9
De Kalb.....	25.1	28.5	26.4
Huntington.....	64.0	65.8	63.2
Lagrange.....	78.9	92.1	83.8
Noble.....	43.3	48.0	42.3
Steuben.....	24.1	21.0	18.9
Wells.....	59.1	56.7	52.7
Whitley.....	45.1	48.9	47.1
TOTAL.....	498.0	536.0	484.3
WEST CENTRAL			
Clay.....	22.5	24.8	24.0
Fountain.....	23.3	23.6	22.4
Montgomery.....	114.8	130.1	129.9
Owen.....	11.8	12.1	11.9
Parke.....	36.4	39.8	35.5
Putnam.....	62.9	63.3	60.1
Tippecanoe.....	66.4	76.9	73.1
Vermillion.....	13.0	15.2	13.5
Vigo.....	12.6	15.4	12.6
Warren.....	14.3	11.8	11.2
TOTAL.....	378.0	413.0	394.2
CENTRAL			
Bartholomew....	29.4	37.9	34.9
Boone.....	59.9	70.0	66.1
Clinton.....	162.8	193.6	175.4
Decatur.....	93.5	134.8	112.4
Grant.....	59.8	61.4	57.0
Hamilton.....	42.0	43.4	38.0
Hancock.....	45.0	46.3	45.2
Hendricks.....	31.8	34.6	32.2
Howard.....	69.6	81.3	74.6
Johnson.....	22.5	22.4	20.6
Madison.....	41.1	42.3	39.3

COUNTY AND DISTRICT	1986	1987	1988
	THOUSANDS		
(CONT.)			
Marion.....	4.0	4.9	4.9
Morgan.....	17.0	16.4	14.5
Rush.....	106.8	118.5	109.1
Shelby.....	41.5	43.1	41.4
Tipton.....	52.3	52.1	47.1
TOTAL.....	879.0	1,003.0	912.7
EAST CENTRAL			
Blackford.....	22.6	26.3	25.0
Delaware.....	47.6	42.6	43.0
Fayette.....	58.7	67.6	57.7
Henry.....	51.6	55.2	47.8
Jay.....	33.9	42.0	37.5
Randolph.....	68.8	73.1	70.3
Union.....	44.1	50.4	48.9
Wayne.....	62.7	70.2	65.5
TOTAL.....	390.0	427.4	395.7
SOUTHWEST			
Daviess.....	94.9	129.9	131.2
Dubois.....	101.1	123.8	126.9
Gibson.....	51.2	50.3	52.3
Greene.....	17.5	21.5	22.1
Knox.....	48.5	56.7	59.0
Martin.....	29.3	35.0	33.2
Pike.....	14.0	15.5	14.9
Posey.....	28.0	28.1	28.8
Spencer.....	38.0	42.8	44.0
Sullivan.....	17.9	17.8	17.4
Vanderburgh....	5.9	4.8	4.9
Warrick.....	9.7	13.4	12.5
TOTAL.....	456.0	539.6	547.2
SOUTH CENTRAL			
Brown.....	1.7	1.9	1.7
Crawford.....	3.3	3.3	3.4
Floyd.....	2.6	2.5	2.0
Harrison.....	22.7	24.1	20.1
Jackson.....	43.0	50.0	44.3
Lawrence.....	17.2	19.9	17.0
Monroe.....	7.4	6.9	5.9
Orange.....	25.2	30.1	26.1
Perry.....	20.0	22.5	20.1
Washington.....	43.9	45.8	39.7
TOTAL.....	187.0	207.0	180.3
SOUTHEAST			
Clark.....	10.5	8.7	7.4
Dearborn.....	8.0	7.2	6.4
Franklin.....	65.9	76.8	66.5
Jefferson.....	11.2	10.5	9.5
Jennings.....	19.7	19.0	17.6
Ohio.....	2.8	3.0	2.6
Ripley.....	31.8	34.5	33.0
Scott.....	4.7	5.8	4.7
Switzerland....	11.4	11.1	9.8
TOTAL.....	166.0	176.6	157.5
STATE.....	4,150.0	4,600.0	4,300.0

HOGS AND PIGS

DECEMBER 1, 1988

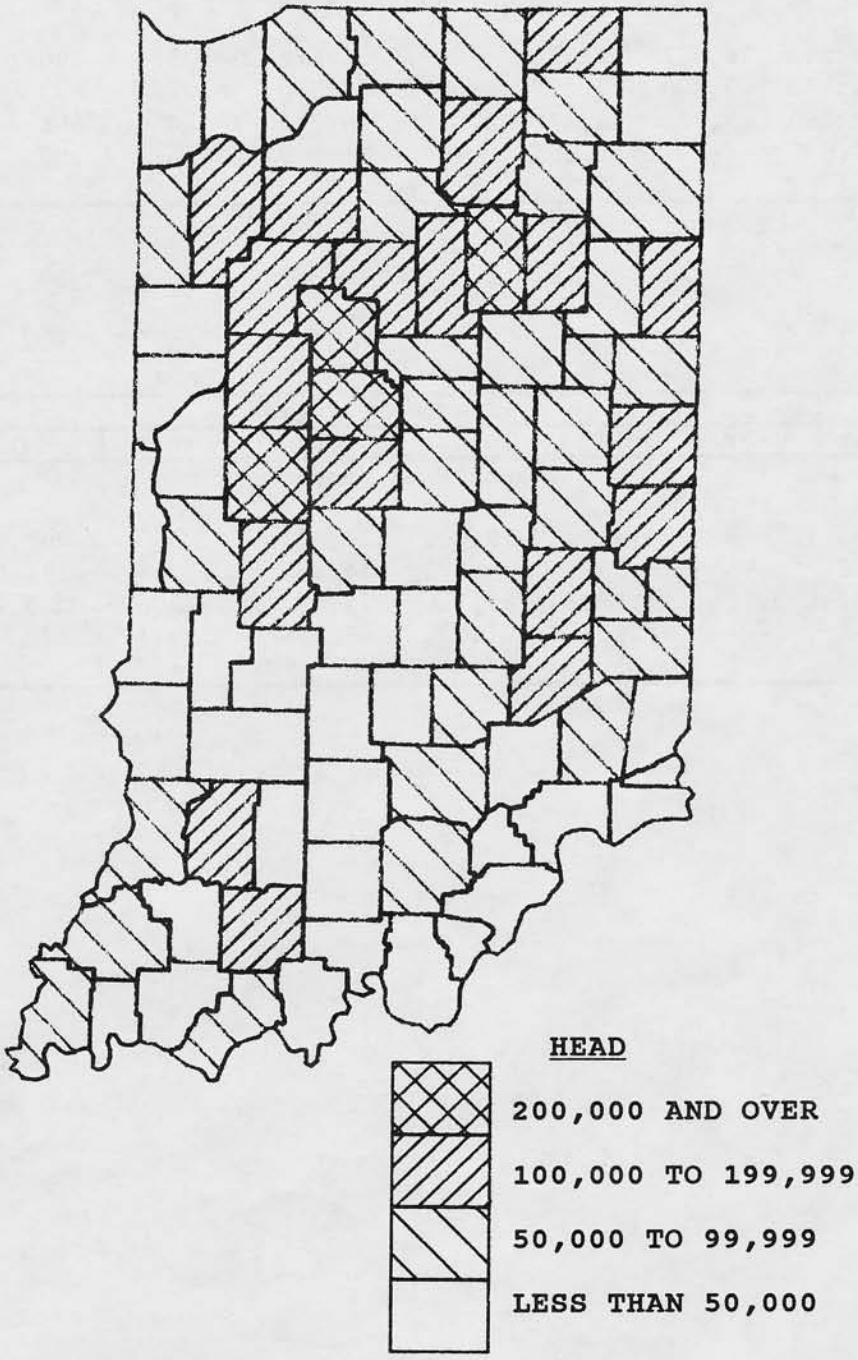


PIG CROP BY COUNTIES
INDIANA, 1986-1988

COUNTY AND DISTRICT	1986	1987	1988
	THOUSANDS		
NORTHWEST			
Benton.....	34.9	29.0	27.0
Jasper.....	141.7	178.0	199.0
Lake.....	16.0	15.0	14.0
La Porte.....	54.8	58.0	54.0
Newton.....	53.4	48.0	53.0
Porter.....	44.1	33.0	31.0
Pulaski.....	92.8	113.0	115.0
Starke.....	22.5	18.0	17.0
White.....	161.1	180.0	179.0
TOTAL.....	621.3	672.0	689.0
NORTH CENTRAL			
Carroll.....	274.5	343.0	346.0
Cass.....	144.2	144.0	135.0
Elkhart.....	119.1	97.0	93.0
Fulton.....	68.8	78.0	70.0
Kosciusko.....	155.7	188.0	186.0
Marshall.....	58.2	52.0	51.0
Miami.....	159.2	152.0	158.0
St.Joseph.....	48.1	53.0	50.0
Wabash.....	218.8	257.0	224.0
TOTAL.....	1,246.6	1,364.0	1,313.0
NORTHEAST			
Adams.....	145.1	151.0	138.0
Allen.....	99.3	102.0	95.0
De Kalb.....	40.7	40.0	46.0
Huntington.....	84.4	108.0	109.0
Lagrange.....	151.8	140.0	158.0
Noble.....	58.6	75.0	79.0
Steuben.....	42.9	38.0	38.0
Wells.....	95.7	85.0	84.0
Whitley.....	75.0	69.0	75.0
TOTAL.....	793.5	808.0	822.0
WEST CENTRAL			
Clay.....	36.0	39.0	34.0
Fountain.....	36.9	41.0	35.0
Montgomery.....	202.8	238.0	266.0
Owen.....	19.6	19.0	20.0
Parke.....	53.3	59.0	53.0
Putnam.....	106.0	120.0	110.0
Tippecanoe.....	103.5	122.0	127.0
Vermillion.....	22.1	23.0	26.0
Vigo.....	14.1	15.0	14.0
Warren.....	28.9	28.0	25.0
TOTAL.....	623.2	704.0	710.0
CENTRAL			
Bartholomew....	50.1	50.0	53.0
Boone.....	99.5	111.0	101.0
Clinton.....	241.6	311.0	338.0
Decatur.....	149.8	191.0	197.0
Grant.....	89.3	94.0	82.0
Hamilton.....	56.1	64.0	59.0
Hancock.....	72.3	84.0	82.0
Hendricks.....	54.1	64.0	62.0
Howard.....	105.1	106.0	99.0
Johnson.....	31.0	38.0	33.0
Madison.....	61.1	72.0	68.0
(CONT.)			
Marion.....	6.0	7.0	7.0
Morgan.....	34.0	46.0	43.0
Rush.....	166.9	171.0	161.0
Shelby.....	64.9	73.0	75.0
Tipton.....	88.7	94.0	84.0
TOTAL.....	1,370.5	1,576.0	1,544.0
EAST CENTRAL			
Blackford.....	44.6	55.0	62.0
Delaware.....	83.7	73.0	62.0
Fayette.....	108.5	85.0	86.0
Henry.....	85.3	67.0	69.0
Jay.....	60.2	54.0	53.0
Randolph.....	111.3	137.0	150.0
Union.....	83.1	84.0	75.0
Wayne.....	112.0	112.0	120.0
TOTAL.....	688.7	667.0	677.0
SOUTHWEST			
Daviess.....	170.6	157.0	165.0
Dubois.....	167.2	148.0	164.0
Gibson.....	67.5	84.0	93.0
Greene.....	29.7	29.0	28.0
Knox.....	83.7	95.0	98.0
Martin.....	45.4	43.0	41.0
Pike.....	18.7	18.0	19.0
Posey.....	40.0	47.0	53.0
Spencer.....	61.3	65.0	66.0
Sullivan.....	23.4	23.0	21.0
Vanderburgh....	7.6	7.0	7.0
Warrick.....	14.5	13.0	14.0
TOTAL.....	729.6	729.0	769.0
SOUTH CENTRAL			
Brown.....	5.0	5.0	4.0
Crawford.....	6.0	4.0	4.0
Floyd.....	5.0	5.0	4.0
Harrison.....	29.7	28.0	24.0
Jackson.....	62.5	76.0	69.0
Lawrence.....	29.6	28.0	26.0
Monroe.....	10.5	10.0	10.0
Orange.....	39.9	50.0	48.0
Perry.....	21.4	18.0	17.0
Washington.....	57.1	48.0	51.0
TOTAL.....	266.7	272.0	257.0
SOUTHEAST			
Clark.....	22.4	18.0	16.0
Dearborn.....	14.4	14.0	13.0
Franklin.....	100.9	89.0	87.0
Jefferson.....	19.1	20.0	20.0
Jennings.....	33.2	30.0	27.0
Ohio.....	5.3	5.0	4.0
Ripley.....	53.5	56.0	52.0
Scott.....	7.2	7.0	7.0
Switzerland....	22.9	28.0	24.0
TOTAL.....	278.9	267.0	250.0
STATE.....	6,619.0	7,059.0	7,031.0

PIG CROP

1988



Indiana Inshipments of Feeder Pigs Direct from States
By State of Origin
Reported by State Veterinarian, 1985-1988

Year	State of Origin							
	Ala.	Ark.	Ill.	Kans.	Ky.	Mich.	Miss.	Mo.
	-Number of Head-							
1985	4,542	16,571	22,474	---	62,921	24,055	600	49,204
1986	4,584	9,073	20,267	3,080	65,310	30,215	889	41,608
1987	2,890	6,730	14,271	1,892	86,705	25,807	596	25,701
1988	3,633	---	11,553	---	65,909	11,547	2,050	2,831

Year	State of Origin					
	Nebr.	Ohio	Tenn.	Wis.	Other	Total
	-Number of Head-					
1985	---	6,955	70,003	11,691	583	269,599
1986	11,986	6,007	62,775	14,885	1,363	272,042
1987	5,165	5,992	51,716	12,557	3,206	243,228
1988	---	3,227	67,072	7,936	3,941	179,703

CATTLE

The number of cattle and calves marketed in 1988 decreased 13 percent from a year earlier. The 1988 average price for cattle increased $2.70 per cwt. to $58.10. Calf prices for 1988 averaged $78.40 per cwt. compared with $68.90 in 1987. Cash receipts for 1988 totaled $340 million, down 7 percent from the $366 million a year earlier. Gross income (cash receipts plus value of home consumption) showed a 7 percent decrease from 1987 to 1988.

Cattle and Calf Production and Disposition
Indiana 1985-1989

Year	On Hand January 1			Calves Born		Inshipments	Marketings 1/		Farm Slaughter	Deaths	
	All Cattle and Calves	Cattle and Calves on Feed	All Cows that have Calved	Percent Cows that have Calved	No.		Cattle	Calves	Cattle and Calves	Cattle	Calves
	-Thousand Head-										
1985	1,620	260	636	84	535	240	547	199	6	23	50
1986	1,570	250	605	88	530	290	589	242	6	28	55
1987	1,470	225	580	89	515	260	579	225	6	26	49
1988	1,360	210	560	88	490	205	512	184	4	20	45
1989	1,290	230	530								

1/ Excludes interfarm sales.

Cattle and Calf Production and Income
Indiana 1985-1988

Year	Production 1/	Marketings 2/	Price Per 100 Pounds		Cash Receipts 3/	Value Home Consumption	Gross Income
			Cattle	Calves			
	-Thousand Pounds-		-Dollars-		-Thousand Dollars-		
1985	452,545	614,445	48.90	55.40	304,755	10,860	315,615
1986	427,545	663,695	47.60	54.80	322,248	15,349	337,597
1987	431,415	642,415	55.40	68.90	365,703	12,424	378,127
1988	409,455	563,055	58.10	78.40	339,505	11,987	351,492

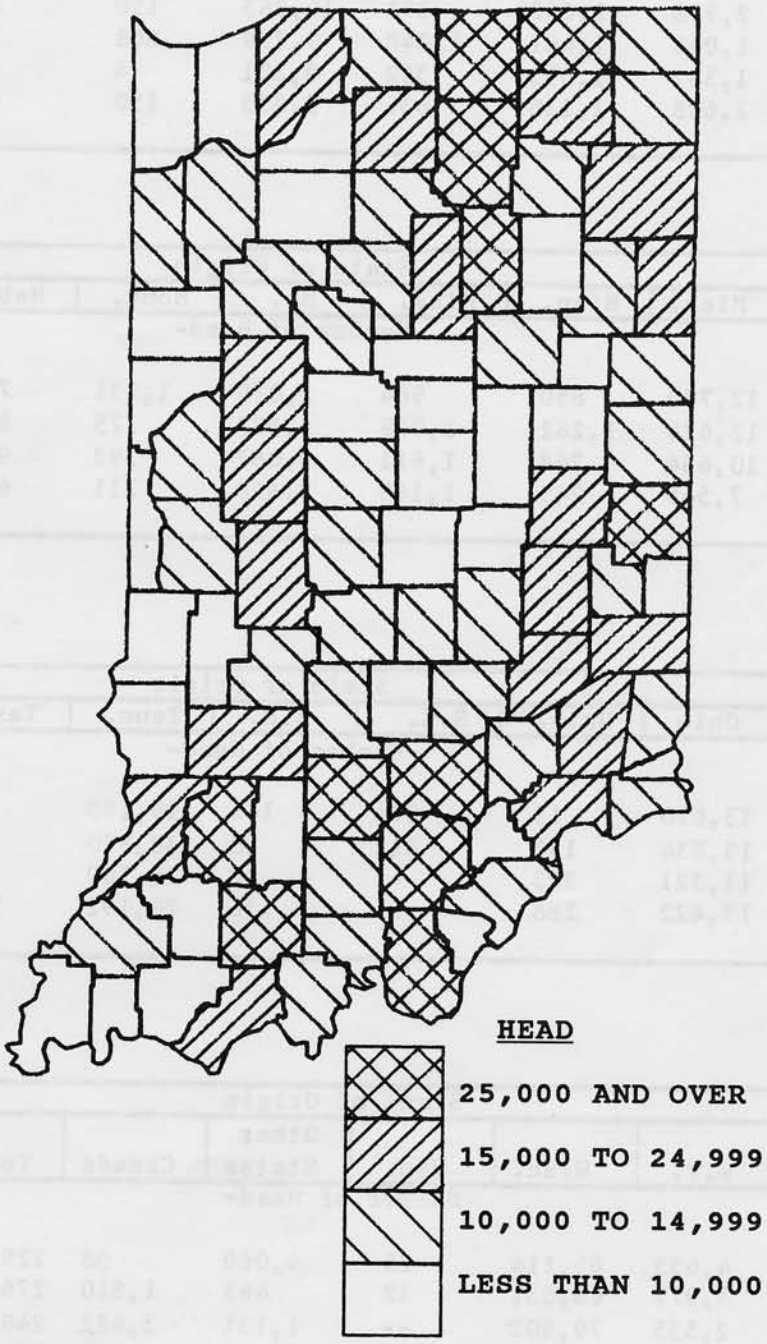
1/ Adjustments made for inshipments and changes in inventory.
2/ Excludes interfarm sales.
3/ Includes receipts from marketings of farm slaughtered meat.

NUMBER OF ALL CATTLE AND CALVES BY COUNTIES
INDIANA JANUARY 1, 1987-1989

COUNTY AND DISTRICT	1987	1988	1989
	THOUSANDS		
NORTHWEST			
Benton.....	7.4	6.8	5.8
Jasper.....	16.7	13.0	11.5
Lake.....	7.7	6.9	6.0
La Porte.....	20.8	23.0	23.5
Newton.....	13.2	11.0	11.0
Porter.....	9.8	7.6	7.5
Pulaski.....	10.1	9.7	9.6
Starke.....	4.6	5.0	4.6
White.....	13.2	11.0	11.5
TOTAL.....	103.5	94.0	91.0
NORTH CENTRAL			
Carroll.....	14.5	11.0	11.5
Cass.....	14.9	13.8	14.5
Elkhart.....	51.2	47.0	43.5
Fulton.....	16.4	15.2	14.0
Kosciusko.....	41.9	38.0	36.0
Marshall.....	30.3	24.0	24.0
Miami.....	30.0	23.0	23.5
St.Joseph.....	12.6	11.0	10.5
Wabash.....	34.3	39.0	32.5
TOTAL.....	246.1	222.0	210.0
NORTHEAST			
Adams.....	15.0	18.5	17.3
Allen.....	18.9	21.0	18.6
De Kalb.....	12.4	15.0	13.0
Huntington.....	10.1	10.0	9.5
Lagrange.....	38.2	43.5	38.5
Noble.....	18.7	20.5	18.7
Steuben.....	13.2	12.0	11.0
Wells.....	9.5	12.5	10.4
Whitley.....	14.7	14.0	14.0
TOTAL.....	150.7	167.0	151.0
WEST CENTRAL			
Clay.....	12.0	8.5	8.5
Fountain.....	15.8	16.5	13.5
Montgomery.....	25.0	19.0	18.5
Owen.....	17.7	14.5	14.5
Parke.....	13.4	11.0	10.0
Putnam.....	29.1	20.5	20.0
Tippecanoe.....	20.8	16.0	16.0
Vermillion.....	8.3	7.0	6.4
Vigo.....	8.8	6.0	6.0
Warren.....	10.4	9.0	8.6
TOTAL.....	161.3	128.0	122.0
CENTRAL			
Bartholomew....	14.9	13.0	12.0
Boone.....	14.0	12.0	11.0
Clinton.....	7.8	6.8	7.3
Decatur.....	21.0	22.5	24.0
Grant.....	14.3	12.0	11.0
Hamilton.....	10.2	8.5	8.8
Hancock.....	8.8	8.3	8.2
Hendricks.....	12.6	12.0	11.7
Howard.....	10.3	9.2	9.5
Johnson.....	15.5	13.5	12.7
Madison.....	11.7	11.0	9.5
(CONT.)			
Marion.....	4.2	4.2	4.0
Morgan.....	13.2	12.0	11.5
Rush.....	17.4	17.3	18.5
Shelby.....	12.7	12.0	12.0
Tipton.....	5.3	4.7	5.3
TOTAL.....	193.9	179.0	177.0
EAST CENTRAL			
Blackford.....	3.4	3.0	2.7
Delaware.....	7.8	8.0	7.0
Fayette.....	10.1	11.5	10.5
Henry.....	18.0	18.0	16.8
Jay.....	11.4	14.0	12.5
Randolph.....	12.3	13.5	11.5
Union.....	11.0	7.5	8.0
Wayne.....	25.3	26.5	25.0
TOTAL.....	99.3	102.0	94.0
SOUTHWEST			
Daviess.....	32.3	28.5	27.0
Dubois.....	34.7	31.0	28.1
Gibson.....	11.2	10.5	10.0
Greene.....	27.5	25.0	22.6
Knox.....	19.6	17.0	18.0
Martin.....	11.5	10.0	9.3
Pike.....	6.0	5.7	5.2
Posey.....	11.3	9.5	8.6
Spencer.....	21.8	19.5	20.5
Sullivan.....	8.8	8.8	8.8
Vanderburgh....	3.4	3.0	2.9
Warrick.....	8.1	7.5	7.0
TOTAL.....	196.2	176.0	168.0
SOUTH CENTRAL			
Brown.....	3.5	3.4	3.3
Crawford.....	12.2	10.5	10.0
Floyd.....	4.7	5.4	4.6
Harrison.....	29.6	29.0	25.4
Jackson.....	30.7	27.0	26.5
Lawrence.....	31.4	28.5	28.5
Monroe.....	12.7	12.0	10.9
Orange.....	18.6	16.2	14.9
Perry.....	13.7	12.5	12.5
Washington.....	36.3	32.5	29.4
TOTAL.....	193.4	177.0	166.0
SOUTHEAST			
Clark.....	18.3	15.5	14.0
Dearborn.....	13.9	13.0	12.5
Franklin.....	22.0	19.5	19.5
Jefferson.....	17.0	15.0	15.0
Jennings.....	12.7	11.5	11.0
Ohio.....	5.6	5.4	5.0
Ripley.....	18.0	17.5	17.5
Scott.....	7.3	6.5	6.0
Switzerland....	10.8	11.1	10.5
TOTAL.....	125.6	115.0	111.0
STATE.....	1,470.0	1,360.0	1,290.0

ALL CATTLE AND CALVES

JANUARY 1, 1989



Indiana Inshipments of Feeder Cattle and Calves Direct from States by State of Origin, Reported by State Veterinarian 1985-1988 1/

Year	State of Origin						
	Ala.	Fla.	Ga.	Ill.	Iowa	Kans.	Ky.
	-Number of Head-						
1985	2,938	2,060	391	10,265	150	260	61,464
1986	1,043	1,481	1,048	9,779	668	348	92,668
1987	1,387	1,092	362	9,201	4	515	68,215
1988	2,608	1,116	636	5,835	150	404	55,219

Year	State of Origin							
	Mich.	Minn.	Miss.	Mo.	Mont.	Nebr.	N.C.	N.Y.
	-Number of Head-							
1985	12,790	850	984	2,070	1,231	751	5,227	--
1986	12,634	1,262	1,969	3,577	175	895	4,031	286
1987	10,654	748	1,611	3,067	392	967	4,233	3,885
1988	7,545	245	1,148	3,428	311	645	4,093	1,762

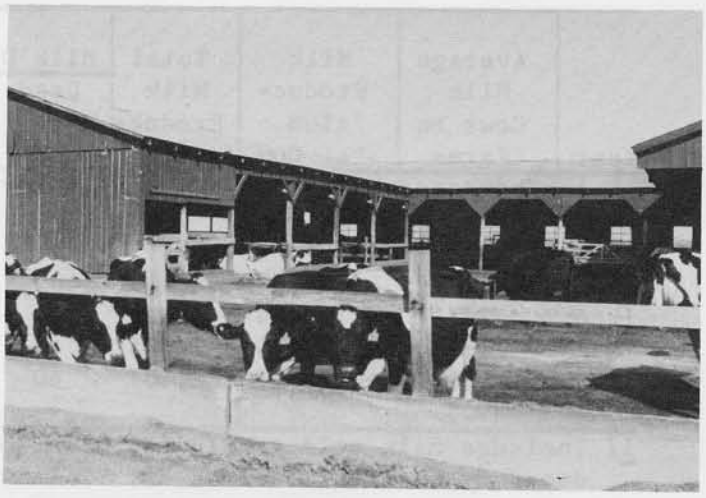
Year	State of Origin						
	Ohio	Okla.	S.C.	S.D.	Tenn.	Texas	Va.
	-Number of Head-						
1985	13,620	13	374	146	19,190	14	21,194
1986	13,834	197	417	18	30,870	2	24,614
1987	11,321	323	--	8	20,360	72	22,597
1988	15,422	288	51	156	20,192	370	15,384

Year	State of Origin					
	W.V.	Wisc.	Wyo.	Other States	Canada	Total
	-Number of Head-					
1985	4,655	65,114	25	4,060	58	229,894
1986	3,979	68,531	12	465	1,810	276,613
1987	2,535	79,902	--	1,131	3,682	248,264
1888	1,940	48,731	4	625	1,287	189,595

1/ Includes baby calves.

MILK

Dairy farmers produced 2.4 billion pounds of milk in 1988, unchanged from a year earlier and down 2 percent from the 1986 milk production. Total number of milk cows dropped to 186,000, 4 percent below 1987, but milk production per cow was 5 percent above a year earlier to a record high 12,941 pounds.



Number of Milk Cows and Milk Production by Months
Indiana 1985-1988

Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
						Milk Cows on Farms (Thousands)							
1985	197	197	198	199	201	202	203	204	205	207	207	205	202
1986	205	204	204	203	200	200	200	200	200	200	199	199	201
1987	199	199	198	197	197	195	193	191	190	190	190	190	194
1988	188	188	188	188	187	187	186	185	185	183	182	180	186
						Monthly Milk Production Per Cow (Pounds)							
1985	970	870	990	980	1,025	1,000	1,010	1,015	1,020	1,040	1,010	1,020	11,955
1986	990	910	1,020	1,015	1,060	1,040	1,030	1,035	1,040	1,045	1,005	1,015	12,214
1987	1,020	930	1,045	1,030	1,100	1,040	1,060	1,045	1,005	1,030	1,005	1,050	12,376
1988	1,070	1,010	1,090	1,070	1,140	1,090	1,110	1,065	1,065	1,075	1,060	1,125	12,941
						Milk Produced on Farms During Month (Million Pounds)							
1985	191	171	196	195	206	202	205	207	209	215	209	209	2,415
1986	203	186	208	206	212	208	206	207	208	209	200	202	2,455
1987	203	185	207	203	217	203	205	200	191	196	191	200	2,401
1988	201	190	205	201	213	204	206	197	197	197	193	203	2,407

Milk Production, Disposition and Income
Indiana 1985-1988

Year	Average Milk Cows on Farms	Milk Production Per Cow	Total Milk Production	Milk Disposition: Used on Farm	Milk Disposition: Sold as Whole Milk 1/	Combined Sales of Butter, Cream and Milk: Average Returns: Per 100 Lbs. Milk	Combined Sales of Butter, Cream and Milk: Average Returns: Per Pound Butterfat	Combined Sales of Butter, Cream and Milk: Value of Sales
	-Thousands-	-Pounds-	-Million Pounds-			-Dollars-		-Thousand Dollars-
1985	202	11,955	2,415	45	2,370	12.80	3.46	303,360
1986	201	12,214	2,455	42	2,413	12.50	3.37	301,625
1987	194	12,376	2,405	40	2,361	12.70	3.42	299,847
1988	186	12,941	2,407	40	2,367	12.30	3.31	291,141

1/ Includes milk sold to plants, milk sold directly to consumers and milk produced by institutional herds.

Pounds of Grain Fed Daily per Milk Cow
(Includes Mill Feeds and Concentrates)
Indiana 1985-1989

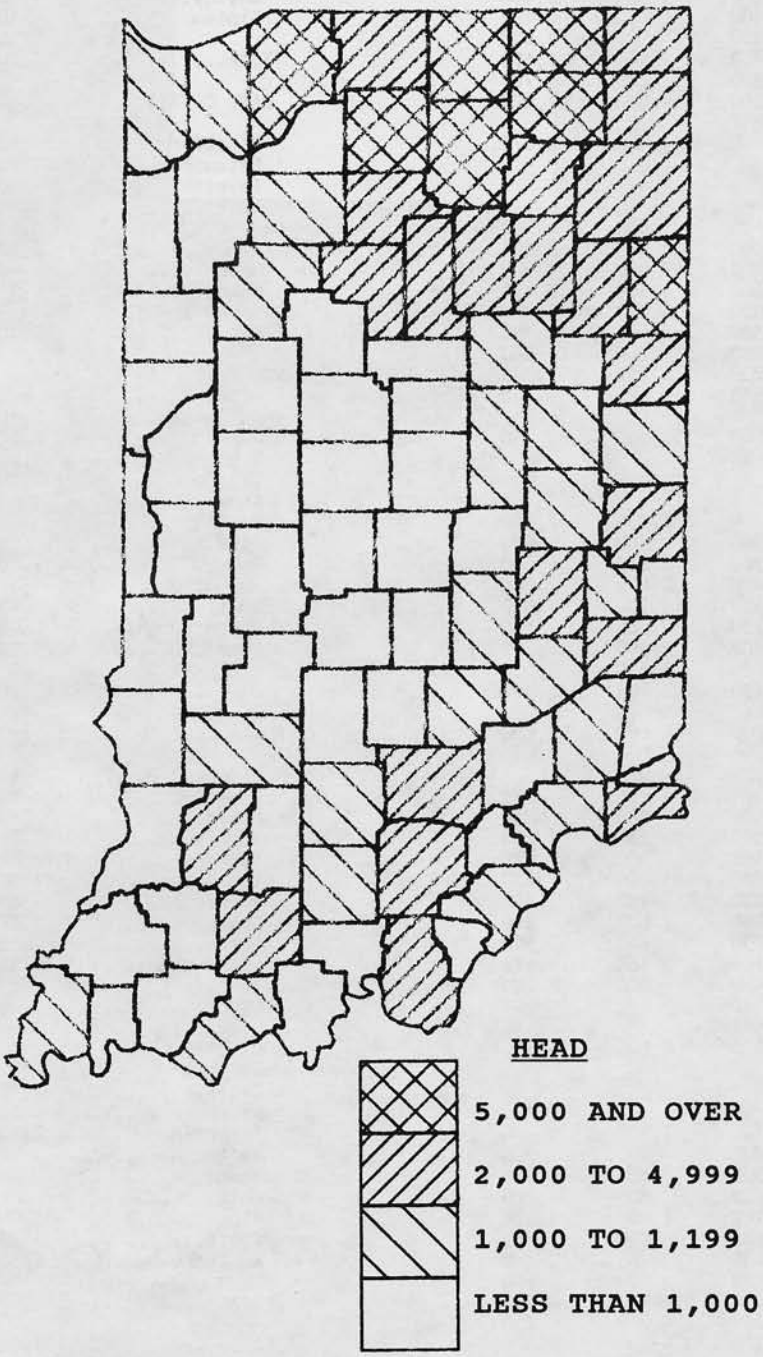
Year	January 1	April 1	July 1	October 1
1985	16.0	16.4	15.9	16.2
1986	16.3	17.0	16.0	15.9
1987	17.4	16.9	16.5	16.5
1988	16.9	16.8	16.1	16.5
1989	16.4	16.8		

NUMBER OF MILK COWS AND HEIFERS THAT HAVE CALVED BY COUNTIES
INDIANA JANUARY 1, 1987-1989

COUNTY AND DISTRICT	1987	1988	1989
NORTHWEST			
Benton.....	500	480	500
Jasper.....	400	380	378
Lake.....	1,700	1,500	1,400
La Porte.....	5,600	5,200	5,400
Newton.....	100	90	101
Porter.....	1,000	900	1,000
Pulaski.....	1,700	1,500	1,600
Starke.....	800	800	700
White.....	1,100	1,000	1,000
TOTAL.....	12,900	11,850	12,079
NORTH CENTRAL			
Carroll.....	600	500	500
Cass.....	2,000	2,100	2,000
Elkhart.....	16,700	18,600	19,400
Fulton.....	4,300	4,100	3,700
Kosciusko.....	6,000	6,000	5,700
Marshall.....	8,300	8,400	8,100
Miami.....	4,300	4,200	4,000
St.Joseph.....	3,700	3,500	3,300
Wabash.....	3,600	3,400	3,500
TOTAL.....	49,500	50,800	50,200
NORTHEAST			
Adams.....	8,700	7,700	7,600
Allen.....	4,900	4,500	4,400
De Kalb.....	5,500	5,000	4,400
Huntington.....	2,400	2,400	2,000
Lagrange.....	11,600	11,100	11,000
Noble.....	6,900	6,500	5,600
Steuben.....	5,600	5,000	4,200
Wells.....	3,300	3,000	2,600
Whitley.....	3,700	3,400	2,900
TOTAL.....	52,600	48,600	44,700
WEST CENTRAL			
Clay.....	1,300	900	800
Fountain.....	200	230	200
Montgomery.....	600	500	420
Owen.....	700	600	600
Parke.....	400	400	404
Putnam.....	1,000	800	800
Tippecanoe.....	700	600	500
Vermillion.....	100	168	175
Vigo.....	400	600	400
Warren.....	100	2	1
TOTAL.....	5,500	4,800	4,300
CENTRAL			
Bartholomew....	1,300	1,300	1,400
Boone.....	700	900	800
Clinton.....	500	330	300
Decatur.....	1,800	1,800	1,700
Grant.....	1,500	1,200	1,100
Hamilton.....	900	800	700
Hancock.....	400	280	280
Hendricks.....	1,400	900	900
Howard.....	900	900	900
Johnson.....	900	900	900
Madison.....	1,100	1,000	1,000
(CONT.)			
Marion.....	800	800	700
Morgan.....	600	600	500
Rush.....	2,300	2,300	2,300
Shelby.....	1,800	1,600	1,600
Tipton.....	100	90	100
TOTAL.....	17,000	15,700	15,180
EAST CENTRAL			
Blackford.....	500	270	200
Delaware.....	1,700	1,700	1,600
Fayette.....	900	1,100	1,000
Henry.....	1,600	1,400	1,300
Jay.....	3,600	3,700	3,400
Randolph.....	2,200	1,900	1,600
Union.....	900	900	900
Wayne.....	4,900	3,600	3,200
TOTAL.....	16,300	14,570	13,200
SOUTHWEST			
Daviess.....	5,500	4,900	4,200
Dubois.....	3,000	2,900	3,000
Gibson.....	1,000	900	900
Greene.....	1,700	1,600	1,500
Knox.....	600	600	425
Martin.....	500	380	292
Pike.....	400	480	416
Posey.....	1,200	1,100	1,000
Spencer.....	1,600	1,500	1,400
Sullivan.....	400	380	288
Vanderburgh....	900	800	800
Warrick.....	1,100	1,000	800
TOTAL.....	17,900	16,540	15,020
SOUTH CENTRAL			
Brown.....	100	150	175
Crawford.....	500	600	483
Floyd.....	300	350	342
Harrison.....	2,700	2,800	2,600
Jackson.....	2,800	2,800	2,700
Lawrence.....	1,000	1,200	1,000
Monroe.....	800	900	800
Orange.....	1,300	1,500	1,300
Perry.....	800	800	700
Washington.....	4,100	4,400	4,100
TOTAL.....	14,400	15,500	14,200
SOUTHEAST			
Clark.....	1,900	1,500	1,300
Dearborn.....	900	900	800
Franklin.....	2,400	2,500	2,500
Jefferson.....	1,700	1,500	1,400
Jennings.....	500	470	447
Ohio.....	600	470	428
Ripley.....	1,900	1,600	1,600
Scott.....	700	600	446
Switzerland....	2,300	2,100	2,200
TOTAL.....	12,900	11,640	11,121
STATE.....	199,000	190,000	180,000

MILK COWS

JANUARY 1, 1989



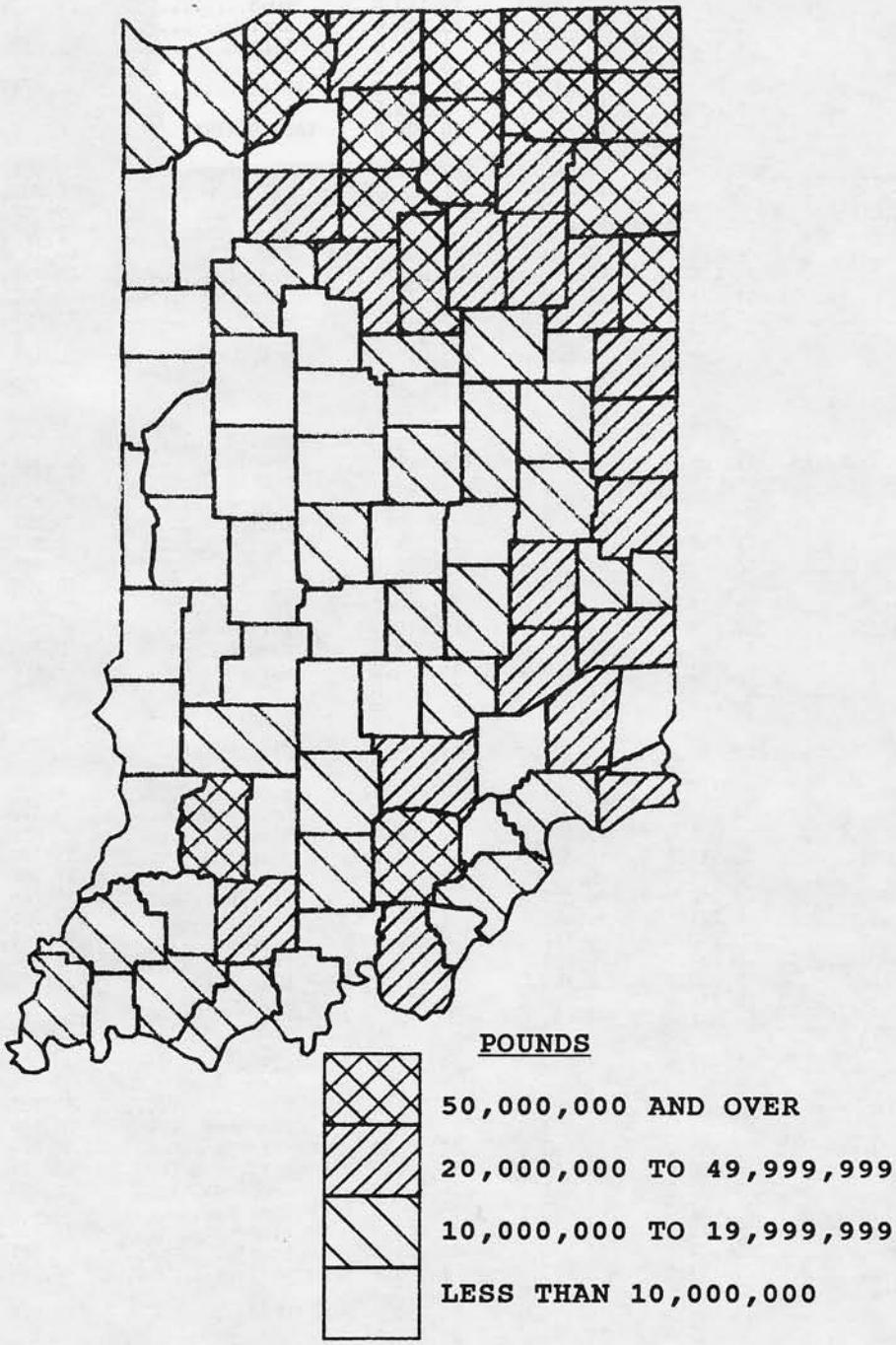
ANNUAL MILK PRODUCTION BY COUNTIES
INDIANA, 1986-1988

COUNTY AND DISTRICT	1986	1987	1988
	THOUSANDS		
NORTHWEST			
Benton.....	6,439.0	5,140.0	5,459.0
Jasper.....	4,619.0	4,068.0	3,939.0
Lake.....	21,562.0	18,765.0	19,140.0
La Porte.....	71,640.0	68,199.0	73,296.0
Newton.....	1,172.0	995.0	1,084.0
Porter.....	11,172.0	9,778.0	10,700.0
Pulaski.....	21,034.0	19,400.0	20,500.0
Starke.....	8,688.0	7,870.0	7,513.0
White.....	12,415.0	10,231.0	10,300.0
TOTAL.....	158,741.0	144,446.0	151,931.0
NORTH CENTRAL			
Carroll.....	7,625.0	6,667.0	6,800.0
Cass.....	25,436.0	28,951.0	29,820.0
Elkhart.....	241,225.0	265,467.0	277,413.0
Fulton.....	49,069.0	59,376.0	55,813.0
Kosciusko.....	79,226.0	83,156.0	82,324.0
Marshall.....	101,689.0	105,744.0	112,012.0
Miami.....	51,330.0	55,771.0	54,767.0
St.Joseph.....	46,945.0	48,339.0	47,856.0
Wabash.....	43,220.0	41,641.0	42,892.0
TOTAL.....	645,765.0	695,112.0	709,697.0
NORTHEAST			
Adams.....	113,631.0	110,985.0	113,205.0
Allen.....	64,442.0	64,275.0	62,990.0
De Kalb.....	77,767.0	60,610.0	60,913.0
Huntington.....	28,237.0	25,091.0	25,066.0
Lagrange.....	137,278.0	143,488.0	145,640.0
Noble.....	82,615.0	80,760.0	80,922.0
Steuben.....	68,661.0	63,125.0	56,560.0
Wells.....	41,310.0	37,371.0	36,063.0
Whitley.....	44,847.0	42,985.0	40,836.0
TOTAL.....	658,788.0	628,690.0	622,195.0
WEST CENTRAL			
Clay.....	16,036.0	10,650.0	9,700.0
Fountain.....	2,542.0	1,825.0	1,720.0
Montgomery.....	7,111.0	5,496.0	5,253.0
Owen.....	7,466.0	6,600.0	6,650.0
Parke.....	4,221.0	4,450.0	4,642.0
Putnam.....	10,730.0	9,119.0	9,028.0
Tippecanoe.....	8,121.0	5,962.0	5,579.0
Vermillion.....	1,200.0	2,300.0	2,225.0
Vigo.....	4,716.0	5,474.0	4,858.0
Warren.....	1,384.0	21.0	6.0
TOTAL.....	63,527.0	51,897.0	49,661.0
CENTRAL			
Bartholomew....	16,358.0	16,293.0	18,586.0
Boone.....	8,580.0	8,412.0	9,829.0
Clinton.....	5,787.0	4,872.0	4,000.0
Decatur.....	22,037.0	20,872.0	20,761.0
Grant.....	16,949.0	15,633.0	15,649.0
Hamilton.....	10,447.0	10,628.0	10,029.0
Hancock.....	5,131.0	3,917.0	3,903.0
Hendricks.....	14,713.0	11,029.0	11,028.0
Howard.....	10,599.0	10,150.0	10,750.0
Johnson.....	10,605.0	10,097.0	10,090.0
Madison.....	11,653.0	10,354.0	11,135.0

COUNTY AND DISTRICT	1986	1987	1988
	THOUSANDS		
(CONT.)			
Marion.....	9,421.0	8,456.0	8,971.0
Morgan.....	7,200.0	5,442.0	5,661.0
Rush.....	29,171.0	30,310.0	31,401.0
Shelby.....	19,001.0	16,917.0	18,122.0
Tipton.....	1,222.0	1,194.0	1,360.0
TOTAL.....	198,874.0	184,576.0	191,275.0
EAST CENTRAL			
Blackford.....	5,058.0	2,705.0	2,573.0
Delaware.....	18,783.0	17,066.0	16,369.0
Fayette.....	9,147.0	10,551.0	10,031.0
Henry.....	17,023.0	17,292.0	16,499.0
Jay.....	44,155.0	42,072.0	43,700.0
Randolph.....	23,953.0	22,540.0	20,356.0
Union.....	10,802.0	10,728.0	11,254.0
Wayne.....	51,644.0	45,009.0	42,142.0
	0.0		
TOTAL.....	180,565.0	167,963.0	162,924.0
SOUTHWEST			
Daviess.....	71,552.0	78,980.0	68,799.0
Dubois.....	40,132.0	38,662.0	41,666.0
Gibson.....	13,114.0	12,305.0	12,975.0
Greene.....	21,271.0	18,127.0	17,974.0
Knox.....	6,892.0	5,832.0	5,777.0
Martin.....	5,637.0	4,333.0	4,420.0
Pike.....	4,641.0	4,773.0	4,935.0
Posey.....	15,657.0	15,107.0	15,639.0
Spencer.....	21,712.0	16,630.0	17,003.0
Sullivan.....	4,524.0	4,268.0	4,255.0
Vanderburgh....	10,744.0	8,379.0	8,878.0
Warrick.....	12,690.0	10,290.0	10,546.0
TOTAL.....	228,566.0	217,686.0	212,867.0
SOUTH CENTRAL			
Brown.....	1,459.0	1,672.0	1,889.0
Crawford.....	5,672.0	5,813.0	5,201.0
Floyd.....	3,856.0	3,730.0	3,383.0
Harrison.....	31,120.0	36,210.0	35,900.0
Jackson.....	31,786.0	34,921.0	35,979.0
Lawrence.....	11,286.0	10,073.0	10,100.0
Monroe.....	8,766.0	8,881.0	8,199.0
Orange.....	14,941.0	15,177.0	14,361.0
Perry.....	8,927.0	8,345.0	8,422.0
Washington.....	52,403.0	52,545.0	50,386.0
TOTAL.....	170,216.0	177,367.0	173,820.0
SOUTHEAST			
Clark.....	21,346.0	15,980.0	15,923.0
Dearborn.....	10,369.0	8,582.0	8,453.0
Franklin.....	30,294.0	30,125.0	29,824.0
Jefferson.....	18,197.0	14,317.0	14,309.0
Jennings.....	6,083.0	5,215.0	5,053.0
Ohio.....	6,422.0	5,761.0	5,715.0
Ripley.....	21,972.0	20,340.0	21,008.0
Scott.....	7,381.0	5,468.0	5,386.0
Switzerland....	27,894.0	27,475.0	26,959.0
TOTAL.....	149,958.0	133,263.0	132,630.0
STATE.....	2,455,000.0	2,401,000.0	2,407,000.0

TOTAL MILK PRODUCTION

1988

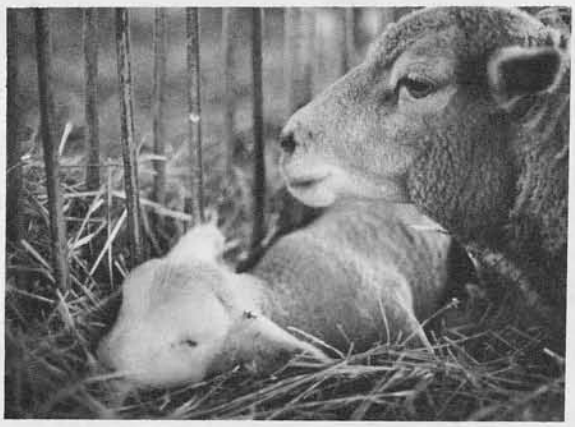


Production of Specified Manufactured Dairy Products
Indiana, 1987 and 1988 by Months

Year	Creamery Butter	American Cheese	Cottage Cheese Curd	Cottage Cheese Creamed	Ice Cream	Ice Milk	Milk Sherbet
		- Thousand Pounds -			- Thousand Gallons -		
1987	1/						
January		3,073	1,584	2,648	1,998	380	129
February		2,805	1,443	2,411	2,419	480	156
March		2,992	1,637	2,757	2,528	547	145
April		3,062	1,674	2,838	2,539	684	143
May		3,330	1,623	2,762	2,428	702	156
June		2,976	1,763	2,905	3,080	914	157
July		3,519	1,722	2,676	2,967	793	161
August		2,733	1,688	2,882	2,604	696	175
September		2,547	1,696	2,870	2,171	592	103
October		2,941	1,601	2,712	1,765	613	115
November		2,517	1,562	2,638	1,677	509	95
December		2,836	1,508	2,545	1,490	317	93
Total		35,331	19,501	32,644	27,666	7,227	1,628
Number of Plants		5	9	9	21	15	18
1988	1/						
January		3,160	1,485	2,475	1,757	486	130
February		3,041	1,542	2,524	1,971	541	129
March		2,789	1,690	2,878	2,203	797	170
April		3,178	1,728	2,488	2,589	951	132
May		3,035	1,622	2,716	2,129	1,071	187
June		2,988	1,681	2,806	2,619	1,286	163
July		2,795	1,691	2,846	2,599	1,280	163
August		2,208	1,772	2,569	2,634	1,143	155
September		2,260	1,663	2,763	1,930	860	115
October		2,433	1,527	2,509	1,580	893	151
November		2,041	1,575	2,586	1,447	772	90
December		2,260	1,407	1,978	1,254	531	134
Total		32,188	19,383	31,138	24,712	10,611	1,719
Number of Plants		5	9	9	20	15	15

1/ Not published to avoid disclosing individual operations.

SHEEP



The number of sheep and lambs marketed in 1988 decreased 18 percent to 60,000 head. The total pounds of sheep and lambs marketed was 21 percent less than the 1987 level. Cash receipts totaled $3.3 million, down 24 percent from 4.3 million in 1987. Gross income (cash receipts plus value of home consumption) totaled $3.4 million in 1988 compared with $4.6 million a year earlier. Sheep averaged $24.20 per cwt. and lambs averaged $60.60 per cwt. during 1988.

Lambs saved in 1988 remained unchanged from the previous year at 75,000 head. The number of ewes one year old and older on hand January 1, 1988 increased 19 percent from 1987. Lamb crop per 100 ewes one year old and older was 132 during 1988 compared with 119 a year earlier.

Wool production declined 2 percent in 1988 to a new record low of 558,000 pounds. Sheep and lambs shorn totaled 82,000 head. The average fleece weight was 6.8 pounds. Total value of shorn wool was $346,000--up 27 percent from a year earlier. Wool averaged 62 cents perpound in 1988.

Wool Production and Value
Indiana 1985-1988

Year	Number of Sheep Shorn	Average Weight Per Fleece	Total Production	Price Per Pound	Total Value of Production
	-Thousands-	-Pounds-	-Thousand Pounds-	-Cents-	-Thousand Dollars-
1985	101	6.5	660	41	271
1986	91	6.8	617	41	253
1987	81	7.0	569	48	273
1988	82	6.8	558	62	346

Sheep and Lamb Production and Disposition
Indiana 1985-1988

Year	On Hand Jan. 1 All Sheep and Lambs	Lambs Saved		Inshipments	Marketings 1/		Farm Slaughter	Deaths	
		No.	Crop Per 100 Ewes 1 Year +	Sheep & Lambs	Sheep	Lambs	Sheep & Lambs	Sheep	Lambs
	-Thousand Head-		-Number-	-Thousand Head-					
1985	110	98	126	2	18	68	3	6	15
1986	100	85	116	1	20	55	3	5	12
1987	91	75	119	1	17	56	2	4	8
1988	80	75	132	10	7	53	1	2	7
1989	95								

1/ Excludes interfarm sales.

Sheep and Lamb Production and Income
Indiana 1985-1988

Year	Production 1/	Marketings 2/	Price per 100 Pounds		Cash Receipts 3/	Value Home Consumption	Gross Income
			Sheep	Lambs			
	-Thousand Pounds-		-Dollars-		-Thousand Dollars-		
1985	7,775	8,488	22.30	63.10	4,430	354	4,784
1986	7,035	7,713	26.80	65.20	3,981	413	4,394
1987	6,785	7,668	27.50	70.40	4,339	249	4,588
1988	7,210	6,045	24.20	60.60	3,287	100	3,387

1/ Adjustments made for inshipments and changes in inventory.
2/ Excludes interfarm sales.
3/ Includes receipts from marketings of farm slaughtered meat.

POULTRY

Total value of production from eggs was $204.1 million in 1988, down 15 percent from a year earlier. The average number of layers at 21,435,000 was 3 percent less than in 1987, and the average rate of lay was up 2 percent to 263 eggs per layer, resulting in a 2 percent decrease in total egg production during 1988. The average price received by producers for eggs was 43.4 cents per dozen compared with 50.0 cents a year earlier.

Number of Layers and Egg Production by Months 1/
Indiana 1985-1988

Year	Dec. 2/	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.
						Number of Layers on Hand During Month (Thousands) 3/						
1985	21,780	21,715	21,641	21,560	21,205	20,756	20,716	20,761	20,885	21,216	21,596	21,835
1986	22,131	22,360	22,161	22,981	21,965	21,830	21,451	21,145	21,175	21,361	21,681	21,746
1987	21,840	22,266	22,496	22,506	22,291	22,116	21,880	21,670	21,851	22,225	22,491	22,536
1988	22,410	22,401	22,176	21,806	21,606	21,060	20,396	20,206	20,541	21,161	21,640	21,840
						Eggs Per 100 Layers (Number)						
1985	2,208	2,187	1,978	2,226	2,174	2,226	2,124	2,192	2,231	2,140	2,172	2,139
1986	2,178	2,160	1,985	2,206	2,131	2,194	2,116	2,152	2,106	2,060	2,163	2,155
1987	2,216	2,201	1,987	2,239	2,176	2,211	2,125	2,187	2,174	2,092	2,165	2,152
1988	2,280	2,263	2,088	2,252	2,148	2,198	2,133	2,217	2,239	2,084	2,200	2,221
						Eggs Produced (Millions)						
1985	481	475	428	480	461	462	440	455	466	454	469	467
1986	482	483	440	485	468	479	454	455	446	440	469	460
1987	484	490	447	504	485	489	465	474	475	465	487	485
1988	511	507	463	491	464	463	435	448	460	441	476	485

1/ Data cover both farm and commercial operations.
2/ December of previous year.
3/ Average number of layers during month.

Egg Production and Income
Indiana 1985 - 1988

Year 1/	Avg. Number of Layers During Year	Rate of Lay Per Layer	Eggs Produced	Price Per Dozen	Value of Production
	-Thousand-	-Number-	-Millions-	-Cents-	Thousand -Dollars-
1985	21,304	260	5,538	53.0	244,595
1986	21,746	256	5,561	60.4	279,904
1987	22,178	259	5,750	50.0	239,583
1988	21.435	263	5,644	43.4	204,125

1/ Annual estimates cover the period December 1 previous year through November 30.

All Chickens: Production, Disposition and Value 1/
Indiana 1985 - 1988

Year	On-Hand Dec. 1 Previous Year	Number Sold	Number Lost	Sold Weight	Price Per Pound	Cash Receipts
	- Thousand Head -			Thousand -Pounds-	-Cents-	Thousand -Dollars-
1985	27,730	16,260	2,600	60,162	14.0	8,423
1986	28,620	16,610	2,850	61,457	12.0	7,375
1987	27,915	15,800	2,750	56,880	10.0	5,688
1988	28,980	16,500	3,100	59,400	6.8	4,039
1989	27,800					

1/ Excludes Commercial Broilers.

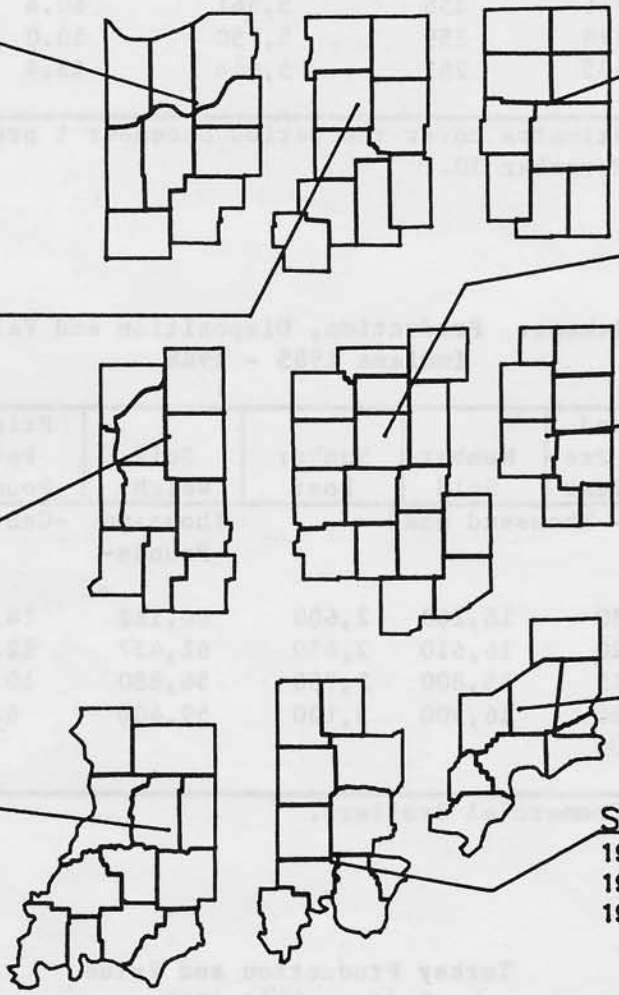
Turkey Production and Value
Indiana 1985-1988

Year	Raised (Head)	Pounds Produced	Value of Production	Price Per Pound
	-Thousands-		-Thousand Dollars-	-Cents-
1985	6,941	129,797	81,772	63.0
1986	9,370	183,652	88,153	48.0
1987	13,000	256,100	94,757	37.0
1988	12,900	255,420	104,722	41.0

HENS AND PULLETS OF LAYING AGE

INDIANA AGRICULTURAL STATISTICS DISTRICTS

DECEMBER 1, 1986–1988



County estimates not published due to possible disclosure of individual operations.

Egg Production by Type, by Month
Indiana 1985-1988

Year	Dec.1/	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Total
						-Million Eggs-							
						Table Eggs							
1985	472	466	419	471	452	453	432	446	457	446	461	459	5,434
1986	473	473	431	475	458	468	443	445	435	428	457	449	5,435
1987	473	479	437	492	474	478	454	462	463	454	476	475	5,617
1988	501	497	453	480	452	451	423	437	449	431	465	473	5,512
						Hatching Eggs							
1985	9	9	9	9	9	9	8	9	9	8	8	8	104
1986	9	10	9	10	10	11	11	10	11	12	12	11	126
1987	11	11	10	12	11	11	11	12	12	11	11	10	133
1988	10	10	10	11	12	12	12	11	11	10	11	12	132
						Total							
1985	481	475	428	480	461	462	440	455	466	454	469	467	5,538
1986	482	483	440	485	468	479	454	455	446	440	469	460	5,561
1987	484	490	447	504	485	489	465	474	475	465	487	485	5,750
1988	511	507	463	491	464	463	435	448	460	441	476	485	5,644

1/December preceding year.

Egg-Type Chicks Hatched by Commercial Hatcheries by Months
Indiana 1985-1988

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
						-Thousands-							
1985	3,513	3,558	4,583	4,590	4,927	4,306	4,384	4,797	4,543	3,869	4,214	3,920	51,204
1986	4,139	4,650	4,872	4,854	5,467	4,847	4,614	5,034	4,800	4,456	3,418	4,847	55,998
1987	5,093	4,331	4,779	5,078	5,712	5,020	3,875	4,866	4,142	5,090	4,442	4,132	56,560
1988	3,691	4,263	5,113	4,494	5,741	4,585	4,487	4,796	4,586	5,639	5,032	5,073	57,500

MINK

Mink Production
Indiana 1985-1988

Year	Mink Pelts Produced by Color Class						
	Standard	Pastel	Demi-Buff 1/	Violet-Type	White	Other 2/	Total Pelts
	-1,000 Pelts-						
1985	10.5	3.2	3/	3/	3/	5.7	19.4
1986	11.6	0.9	3/	3/	3/	4.6	17.1
1987	10.2	3/	3/	3/	3/	4.6	14.8
1988	10.5	3/	3/	3/	3/	5.7	16.2

Mink Females Bred to Produce Kits by Color Class
Indiana 1985-1989

Year	Standard	Pastel	Sapphire	Pearl	Violet-Type	White	Other 2/	Total Females
	-1,000 Females-							
1985	3.5	0.6	3/	3/	3/	3/	1.7	5.8
1986	3.2	0.4	3/	3/	3/	3/	1.2	4.8
1987	3.3	3/	3/	3/	3/	3/	1.1	4.4
1988	3.9	3/	3/	3/	3/	3/	1.6	5.5
1989	3.8	3/	3/	3/	3/	3/	1.7	5.5

1/ This color class includes Demi-Buff, Dark Brown, Violet, Pastel, Standard, and Pearl crosses and others.
2/ Includes color classes combined to avoid disclosing individual operations.
3/ Included in "Other" to avoid disclosing individual operations.

Honey Production, Stocks and Income
Indiana 1986-1988 1/ 2/

Year	Number of Colonies	Yield Per Colony	Production	Stocks Dec. 15	Average Price Per Pound	Value of Production
	-Thousand-	-Pounds-	-Thousand Pounds-		-Cents-	-Thousand Dollars-
1986	27	23	621	180	75	466
1987	25	58	1,450	363	58	841
1988 3/	29	65	1,885	622	57	1,074

1/ Honey production estimates resumed in 1986.
2/ Includes producers with 5 or more colonies.
3/ Preliminary

Commercial Livestock Slaughter by Months
Indiana 1987-1988 1/

Month	Number of Head		Average Liveweight		Total Liveweight	
	1987	1988	1987	1988	1987	1988
			-(Pounds)-		-(Thousand Pounds)-	
Cattle						
January	16,200	14,100	1,060	1,076	17,184	15,221
February	14,100	12,600	1,078	1,085	15,229	13,686
March	14,500	13,200	1,078	1,095	15,659	14,506
April	14,000	11,500	1,065	1,070	14,859	12,276
May	13,000	11,200	1,061	1,072	13,804	12,063
June	12,300	13,400	1,087	1,067	13,387	14,353
July	14,400	15,300	1,076	1,059	15,492	16,241
August	13,500	14,700	1,047	1,063	14,104	15,648
September	15,200	13,300	1,050	1,085	15,927	14,389
October	17,000	14,100	1,055	1,066	17,969	15,030
November	15,700	14,600	1,065	1,077	16,671	15,696
December	15,300	10,900	1,079	1,053	16,494	11,468
Annual Total 2/	175,200	159,100	1,066	1,072	186,869	170,575
Calves						
January	21,000	19,500	374	387	7,846	7,544
February	20,400	20,900	381	388	7,773	8,099
March	21,700	19,900	377	390	8,183	7,750
April	22,300	17,100	379	390	8,445	6,676
May	18,500	19,000	375	384	6,940	7,303
June	21,400	19,600	379	387	8,099	7,598
July	18,400	16,400	384	394	7,087	6,451
August	15,800	18,200	365	393	5,783	7,143
September	21,000	18,000	368	393	7,730	7,062
October	19,600	19,700	388	397	7,597	7,812
November	17,700	17,900	391	400	6,918	7,164
December	19,800	17,600	381	402	7,554	7,062
Annual Total 2/	237,600	223,600	379	392	89,956	87,663

1/ Includes custom slaughter, but excludes on-farm slaughter.
2/ Totals may not add due to rounding.

Commercial Livestock Slaughter by Months
Indiana 1987-1988--Continued 1/

Month	Number of Head		Average Liveweight (Pounds)		Total Liveweight (Thousand Pounds)	
	1987	1988	1987	1988	1987	1988
Hogs						
January	331,900	342,100	245	242	81,308	82,915
February	296,300	331,500	243	240	71,853	79,492
March	333,000	378,200	240	241	80,232	91,000
April	330,400	356,300	240	242	79,211	86,282
May	301,100	348,400	240	243	72,392	84,577
June	313,700	342,300	240	241	75,420	82,390
July	332,700	321,200	237	240	78,720	77,155
August	326,500	375,600	236	237	76,903	89,160
September	367,200	376,400	239	237	87,635	89,053
October	402,300	379,900	242	240	97,401	91,343
November	361,200	382,300	245	243	88,352	93,078
December	402,600	374,200	244	242	98,049	90,508
Annual Total 2/	4,099,800	4,308,400	241	241	987,474	1,036,954
Sheep and Lambs						
January	800	600	111	95	86	58
February	400	400	105	116	47	47
March	600	700	108	113	60	81
April	1,300	1,200	104	113	131	130
May	800	900	109	113	88	98
June	900	1,200	112	112	105	132
July	1,500	1,500	120	106	180	164
August	1,500	1,800	118	101	175	177
September	900	1,400	106	104	95	141
October	900	1,100	113	107	101	116
November	700	1,100	112	105	81	113
December	700	900	103	109	75	93
Annual Total 2/	11,000	12,600	111	107	1,223	1,350

1/ Includes custom slaughter, but excludes on-farm slaughter.
2/ Total months may not add due to rounding.

Red Meat Production from Slaughter
Indiana 1985-1988

Year	Beef	Veal	Pork	Mutton and Lamb	Total
	-Thousand Pounds-				
1985	114,518	47,272	610,322	625	772,737
1986	102,310	57,111	583,585	626	743,632
1987	97,846	57,419	696,292	612	852,169
1988	89,486	56,063	732,590	677	878,817

Inshipments of Livestock Reported by State Veterinarian
Indiana 1987-1988 1/

Month	Cattle and Calves		Sheep and Lambs		Hogs and Pigs	
	1987	1988	1987	1988	1987	1988
	Number of Head					
January	24,221	9,148	6	0	25,137	24,534
February	18,050	13,807	3	13	17,851	17,865
March	24,045	19,448	4	33	17,394	7,573
April	22,352	15,519	81	110	26,877	21,118
May	18,162	14,573	12	16	23,512	21,645
June	26,376	16,893	76	345	28,826	14,392
July	18,975	10,236	167	332	29,020	22,537
August	20,353	16,947	0	895	25,569	16,111
September	23,109	19,473	0	79	18,685	7,883
October	33,000	31,755	0	22	13,729	21,833
November	15,142	18,787	0	37	22,283	18,043
December	13,372	14,777	0	135	21,575	12,833
Total	257,157	201,327	349	2017	270,458	206,367

1/ Includes both feeders and breeding stock.

Number of Federally Inspected Plants and
Head Slaughtered by Species
Indiana 1985-1988

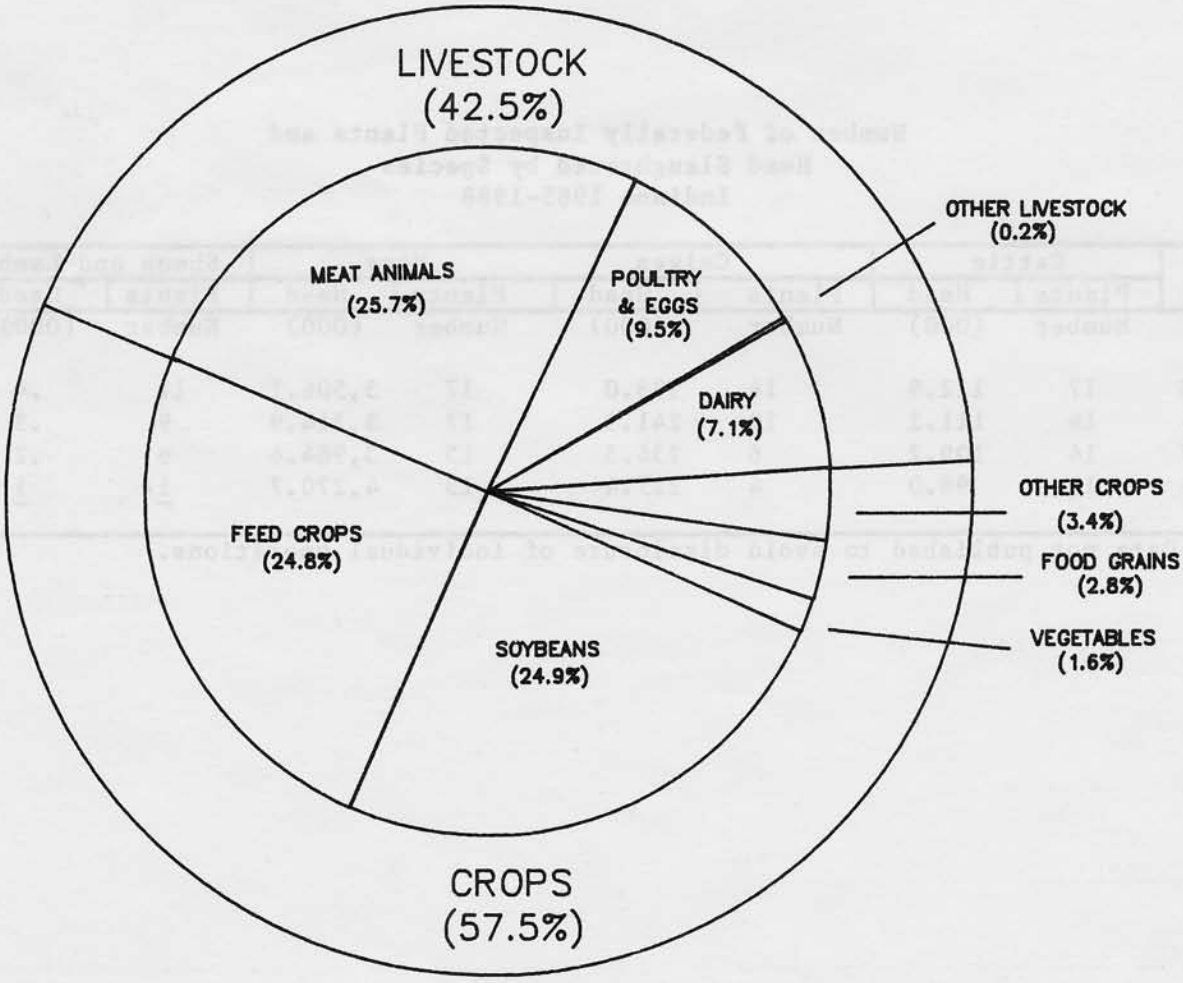
Year	Cattle		Calves		Hogs		Sheep and Lambs	
	Plants	Head	Plants	Head	Plants	Head	Plants	Head
	Number	(000)	Number	(000)	Number	(000)	Number	(000)
1985	17	112.9	14	198.0	17	3,506.1	11	.4
1986	16	111.2	10	241.3	17	3,314.9	9	.3
1987	14	109.2	6	236.3	15	3,984.6	8	.2
1988	12	98.0	4	227.4	13	4,270.7	1/	1

1/ Data not published to avoid disclosure of individual operations.

FARM INCOME AND PRICES

Indiana farmers received $4.1 billion in cash receipts from farm marketings in 1988, an 11 percent increase from 1987. Cash receipts from crops were up 29 percent from the previous year while receipts from livestock and livestock products were down 7 percent. Marketing of crops at $2.4 billion, accounted for 58 percent of the total cash receipts in 1988 while livestock receipts, at $1.7 billion, accounted for the remaining 42 percent. In the previous year crop receipts accounted for 49 percent and livestock 51 percent of total cash receipts.

Meat animals were the leading source of income for Indiana farmers in 1988 and amounted to $1.06 billion. Soybeans were second at $1.02 billion and corn was third at $974 million. Poultry and eggs were the fourth leading contribution to farm income with $391 million and dairy products fifth with $291 million. These five commodity groups accounted for 91 percent of the 1988 cash receipts.



Cash Receipts by Commodities and Commodity Groups
Indiana 1986-1988

Commodities	1986 Value	1986 Pct. of Total	1987 Value	1987 Pct. of Total	1988 Value	1988 Pct. of Total
	- Thousand Dollars -					
ALL COMMODITIES	4,048,028	100.0	3,705,706	100.0	4,116,753	100.0
CROPS	2,188,259	54.1	1,831,922	49.4	2,367,421	57.5
Food Grains	70,110	1.7	79,024	2.1	116,666	2.8
Wheat	69,791	1.7	78,684	2.1	116,099	2.8
Rye	319	*	340	*	567	*
Feed Crops	1,117,480	27.6	783,440	21.1	1,022,015	24.8
Corn	1,095,623	27.1	756,752	20.4	974,369	23.7
Hay	19,395	.5	24,288	.7	44,474	1.1
Oats	2,462	.1	2,400	.1	3,172	.1
Tobacco	15,788	.4	16,166	.4	14,200	.3
Soybeans	811,825	20.1	758,827	20.5	1,023,799	24.9
Vegetables	64,215	1.6	74,779	2.0	65,887	1.6
Tomatoes	14,996	.4	16,323	.4	17,583	.4
Potatoes	6,575	.2	7,234	.2	5,297	.1
Snap Beans	725	*	3,019	.1	3,587	.1
Cucumbers	1,411	*	1,958	.1	1,687	*
Other Misc.	40,508	1.0	46,245	1.2	37,733	.9
Fruits & Nuts	13,783	.3	16,877	.5	15,245	.4
Apples	7,715	.2	10,086	.3	8,776	.2
Peaches	1,320	*	2,168	.1	1,391	*
Berries	4,360	.1	4,273	.1	4,595	.1
Other Fruits & Nuts	388	*	350	*	483	*
All Other Crops	95,058	2.3	102,809	2.8	109,609	2.7
Greenhouse/Nursery	62,374	1.5	67,524	1.8	67,264	1.6
Mint	4,572	.1	4,926	.1	6,629	.2
Misc. Seeds	587	*	499	*	475	*
Other Crops	27,525	.7	29,860	.8	35,241	.9
LIVESTOCK & PRODUCTS	1,859,769	45.9	1,873,784	50.6	1,749,332	42.5
Meat Animals	1,105,161	27.3	1,162,532	31.4	1,059,379	25.7
Hogs	778,932	19.2	792,490	21.4	716,587	17.4
Cattle & Calves	322,248	8.0	365,703	9.9	339,505	8.2
Sheep & Lambs	3,981	.1	4,339	.1	3,287	.1
Dairy - Milk Wholesale	301,625	7.5	299,847	8.1	291,141	7.1
Poultry & Eggs	446,664	11.0	404,296	10.9	390,522	9.5
Eggs	279,904	6.9	239,583	6.5	204,125	5.0
Turkeys	88,153	2.2	94,757	2.6	104,722	2.5
Chickens, Farm	7,375	.2	5,688	.2	4,039	.1
Other Poultry	71,232	1.8	64,268	1.7	77,636	1.9
Other Livestock	6,319	.2	7,109	.2	8,290	.2
Honey	466	*	841	*	1,074	*
Wool	253	*	273	*	346	*
Misc. Livestock	5,600	.1	5,995	.2	6,870	.2

* Less than .05 percent. Percents may not be accurate to 0.1 due to rounding.

Farm Income, Indiana, 1984-88

Item	1984	1985	1986	1987	1988
	-- Million dollars --				
Gross farm income 1/	5,610.0	5,093.2	4,659.0	4,845.0	4,633.6
Cash income	4,569.0	5,016.5	4,492.5	4,416.4	4,772.6
Farm marketings	4,227.2	4,758.3	4,048.0	3,705.7	4,116.8
Crops	2,425.9	3,030.7	2,188.3	1,831.8	2,367.4
Livestock and products	1,801.3	1,727.6	1,859.8	1,873.8	1,749.3
Government payment	308.8	218.3	411.3	670.2	616.3
Other farm income	32.9	39.9	33.2	40.5	39.6
Machine hire/customwork	16.5	22.8	14.7	22.7	20.2
Other farm-related income 2/	16.4	17.1	18.5	17.8	19.4
Noncash income	428.0	330.6	284.4	249.9	261.8
Value of home consumption	34.9	23.1	27.6	21.7	20.3
Rental value of dwellings	393.1	307.4	256.8	228.2	241.5
Operators dwellings	390.1	304.8	254.3	225.8	239.3
Hired laborers dwellings	3.0	2.7	2.4	2.4	2.3
Value of inventory adjustment	613.1	-253.9	-117.9	178.8	-400.9
Total production expenses 1/	4,829.0	4,448.7	3,916.6	3,942.1	4,012.0
Intermediate product expenses	2,358.3	2,299.9	2,040.5	2,080.3	2,140.2
Farm origin	813.2	770.8	744.1	770.0	806.9
Feed purchased	533.1	482.4	451.9	464.4	514.4
Livestock & poultry purchased	112.3	125.4	147.0	159.2	139.8
Seed purchased	167.8	163.0	145.2	146.4	152.7
Manufactured inputs	923.6	916.2	737.0	744.6	753.5
Fertilizer and lime	424.4	427.7	337.2	341.0	336.5
Pesticides	193.7	202.9	182.2	186.4	191.6
Fuel and oil	249.2	229.7	167.1	155.0	158.5
Electricity	56.3	55.9	50.5	62.2	66.9
Other	621.6	612.9	559.3	565.8	579.8
Repair and maintenance	234.7	223.8	221.7	222.6	235.3
Other miscellaneous 3/	386.6	389.1	337.7	343.1	344.5
Interest	765.1	623.6	562.6	517.2	505.8
Real estate	463.0	382.5	353.6	318.8	310.2
Nonreal estate	302.1	241.1	209.1	198.4	195.6
Contract and hired labor expenses	162.8	164.5	165.5	180.9	187.2
Cash labor expenses 4/	153.1	155.7	158.0	171.8	178.4
Perquisites	9.8	8.8	7.5	9.1	8.8
Net rent to nonoperator landlords	467.9	413.3	292.6	320.1	327.6
Capital consumption	889.6	752.3	659.3	639.4	642.3
Property taxes	185.2	195.2	196.1	204.2	208.8
NET FARM INCOME	781.0	644.4	742.4	902.9	621.6
OFF-FARM INCOME 5/	1,596.1	1,746.7	1,830.3	1,917.6	2,119.2
		-Number-			
Number of Farms	82,000	81,000	78,000	74,000	74,000

1/ Includes operator dwellings
2/ Includes forest product sales, recreational income, and other farm business-related income. Estimates for 1982 and later include income from custom feeding services.
3/ Includes machine hire and customwork expenses; marketing, storage, and transportation expenses; and miscellaneous expenses.
4/ Includes contract labor expenses, hired labor wages, and Social Security payments.
5/ Includes off-farm income for members of farm operator's family.

Farm Balance Sheet
Indiana, December 31, 1983-87 1/

Item	1983	1984	1985	1986	1987
			-- Number --		
Farms	84,000	82,000	81,000	78,000	74,000
			-- Million Dollars --		
Total farm assets	34,748.9	32,326.8	25,270.6	22,644.0	23,297.5
Real estate	26,460.4	26,467.6	17,351.2	15,268.4	15,924.6
Livestock and poultry	976.5	1,042.0	976.6	1,015.3	1,064.3
Machinery and motor vehicles	4,073.7	3,921.3	3,527.4	3,185.7	2,827.1
Crops 2/	987.9	4,470.1	1,118.1	731.3	894.4
Household equip. and furnishings	772.3	728.5	732.2	761.9	849.3
Deposits and currency	534.1	577.1	613.1	714.3	723.4
U.S. savings bonds	69.3	70.1	75.2	86.7	90.1
Investments in cooperatives	883.7	870.1	876.8	880.4	924.2
Total farm debt	7,420.4	7,280.0	6,522.7	5,694.6	5,111.9
Real estate debt 3/	4,788.1	4,656.1	4,262.8	3,813.6	3,429.7
Nonreal estate debt 4/	2,632.3	2,632.9	2,259.9	1,881.0	1,682.2
Equity	27,328.5	25,046.7	18,747.9	16,949.4	18,185.6
			-- Ratio --		
Equity/assets	78.6	77.5	74.2	74.9	78.1
Debt/equity	27.2	29.1	34.8	33.6	28.1
Debt/assets, total	21.4	22.5	25.8	25.1	21.9
Debt/assets, real estate	18.1	22.6	24.6	25.0	21.5
Debt/assets, nonreal estate	31.8	22.5	28.5	25.5	22.8
Net farm income/debt 5/	-5.9	10.6	9.3	12.2	17.2

1/ Data are for farms with sales of $1,000 or more annually and includes operator households.
2/ All crops held on farms including value above loan rates for crops held under CCC.
3/ Includes CCC storage and drying facilities loans.
4/ Includes debt owed to institutional lenders and to non-institutional miscellaneous lenders. These crops are included as assets.
5/ Total debt in this ratio is an average for the year.

Monthly Price Received by Farmers, Crops
Indiana 1985-1988

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Calendar Year Avg. 1/
						Corn (Dollars per Bushel)							
1985	2.67	2.64	2.69	2.73	2.69	2.65	2.62	2.48	2.24	2.06	2.24	2.38	2.44
1986	2.35	2.33	2.32	2.35	2.43	2.34	2.08	1.85	1.43	1.39	1.48	1.54	1.80
1987	1.51	1.49	1.52	1.57	1.77	1.79	1.62	1.53	1.52	1.59	1.71	1.82	1.62
1988	1.88	1.91	1.97	1.99	2.10	2.51	2.90	2.86	2.78	2.62	2.56	2.65	2.37
						Wheat (Dollars per Bushel)							
1985	3.48	3.35	3.40	3.32	3.27	3.05	2.90	2.64	2.63	2.80	3.02	3.14	2.90
1986	3.19	3.25	3.23	3.23	3.45	2.33	2.13	2.33	2.32	2.51	2.68	2.95	2.29
1987	2.80	2.72	2.92	2.88	2.75	2.36	2.32	2.37	2.53	2.66	2.93	3.07	2.42
1988	3.10	3.11	2.72	2/	3.10	3.30	3.43	3.53	3.63	3.88	4.06	4.09	3.43
						Oats (Dollars per Bushel)							
1985	1.83	2.03	2.21	1.99	2.08	1.93	1.45	1.68	1.35	1.29	1.50	1.51	1.74
1986	2/	2/	1.43	1.25	1.38	1.18	1.00	.95	.92	1.19	1.23	1.28	1.18
1987	1.23	1.51	1.72	1.64	1.47	1.29	1.27	1.25	1.13	2/	1.30	1.71	1.32
1988	2/	1.84	2.03	2.06	2.09	2.71	2.91	3.09	2.89	2.97	2.83	2.76	2.61
						Soybeans (Dollars per Bushel)							
1985	6.03	5.74	5.94	5.94	5.77	5.67	5.38	5.17	4.95	4.77	4.89	5.20	5.27
1986	5.22	5.28	5.32	5.34	5.32	5.31	5.26	5.08	4.73	4.59	4.70	4.70	4.92
1987	4.73	4.78	4.79	4.96	5.37	5.53	5.32	5.07	5.02	5.02	5.45	5.81	5.08
1988	5.89	5.93	6.29	6.81	7.24	8.71	8.95	8.60	8.09	7.64	7.46	7.71	7.43
						All Hay (Dollars per Ton)							
1985	61.00	59.00	56.00	55.00	54.00	54.00	54.00	50.00	49.00	59.00	58.00	58.00	55.43
1986	57.00	53.00	54.00	54.00	58.00	43.00	38.00	42.00	45.00	55.00	56.00	53.00	49.16
1987	51.00	49.00	48.00	54.00	54.00	45.00	44.00	47.00	52.00	56.00	63.00	59.00	50.55
1988	67.00	58.00	60.00	69.00	83.00	121.00	124.00	91.00	86.00	104.00	128.00	136.00	94.73
						Alfalfa Hay, Baled (Dollars per Ton)							
1985	65.00	63.00	60.00	58.00	56.00	57.00	57.00	53.00	55.00	64.00	63.00	60.00	58.93
1986	60.00	56.00	56.00	59.00	65.00	42.00	36.00	42.00	48.00	59.00	61.00	56.00	51.10
1987	54.00	53.00	51.00	58.00	60.00	48.00	48.00	52.00	57.00	63.00	69.00	62.00	54.60
1988	72.00	64.00	66.00	77.00	85.00	124.00	132.00	102.00	97.00	112.00	139.00	148.00	101.86
						Other Hay (Dollars per Ton)							
1985	55.00	53.00	51.00	50.00	50.00	49.00	49.00	44.00	40.00	49.00	49.00	54.00	49.68
1986	52.00	48.00	49.00	46.00	44.00	34.00	32.00	36.00	36.00	44.00	44.00	43.00	41.28
1987	44.00	42.00	42.00	47.00	42.00	38.00	36.00	38.00	44.00	43.00	53.00	53.00	42.79
1988	57.00	47.00	49.00	53.00	78.00	115.00	110.00	70.00	65.00	88.00	108.00	115.00	81.38
						Apples (Cents per Pound) 3/							
1985	15.6	15.5	17.1	---	---	---	---	16.5	15.9	15.6	16.2	15.6	16.2
1986	19.2	16.5	17.8	---	---	---	---	---	23.5	21.6	24.7	24.0	23.8
1987	24.4	24.2	25.1	24.6	---	---	---	---	20.1	19.6	18.0	17.5	18.9
1988	19.5	21.0	19.3	---	---	---	---	---	18.1	21.5	18.8	19.6	19.8

1/ Calendar year averages are monthly prices weighted by estimated monthly marketings.
2/ Insufficient sales
3/ Mid-month price

Monthly Average Prices Received by Farmers, Livestock and Livestock Products
Indiana 1986-1988

Item	Year	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Wtd. Annual Avg.
							-Dollars per 100 Pounds Liveweight-							
Hogs 1/	1986	44.20	42.40	40.10	39.50	45.50	52.90	58.90	62.10	57.00	52.20	51.60	49.80	49.50
	1987	46.30	46.80	46.80	49.50	54.20	58.80	58.50	58.20	53.50	48.00	39.80	39.40	50.50
	1988	42.60	45.00	41.70	41.40	46.10	46.00	43.30	44.30	39.90	38.00	35.70	39.20	41.80
Sows 1/	1986	35.30	36.10	35.70	36.30	38.30	43.50	47.30	52.60	52.60	47.60	45.40	40.80	43.80
	1987	40.20	40.00	40.00	43.30	44.50	43.80	44.10	46.10	46.60	42.20	33.10	29.70	42.00
	1988	31.70	33.90	33.30	33.60	35.10	31.50	28.60	31.60	30.60	29.10	25.70	26.30	30.80
Barrows & Gilts 1/	1986	45.00	42.90	40.40	39.80	46.10	53.80	60.20	63.30	57.70	52.60	52.10	50.80	50.10
	1987	46.80	47.40	47.20	49.90	55.10	60.20	59.70	59.20	54.10	48.40	40.30	40.20	51.20
	1988	43.30	45.60	42.20	41.70	46.90	47.60	44.90	45.70	40.60	38.90	36.60	40.30	42.70
Beef Cattle--Cows	1986	34.40	35.80	36.10	33.90	36.30	37.40	35.80	35.60	35.50	36.10	33.80	34.80	35.40
	1987	38.50	40.50	41.60	41.30	44.80	42.50	43.10	42.70	43.30	42.70	42.20	43.20	42.20
	1988	46.10	47.70	47.00	48.50	47.60	42.00	42.30	45.70	45.00	42.60	42.40	44.60	44.90
Steers and Heifers	1986	55.20	52.50	52.20	50.20	51.60	50.40	51.90	54.40	54.80	54.30	54.70	52.80	52.80
	1987	55.00	56.80	58.20	61.40	64.80	63.70	61.30	60.80	62.60	62.90	60.80	59.80	61.00
	1988	63.00	65.30	67.90	70.20	70.10	63.90	61.00	63.60	66.80	66.30	64.10	65.20	65.70
All Beef Cattle	1986	47.00	46.40	47.70	45.70	47.50	47.20	47.20	48.10	49.90	49.10	48.00	46.90	47.60
	1987	49.30	51.40	54.00	56.60	61.10	57.50	55.00	55.10	56.90	57.40	55.10	53.30	55.40
	1988	56.80	58.40	59.00	64.10	63.20	56.10	53.10	56.20	59.60	58.50	55.70	56.90	58.10
Calves	1986	52.10	53.80	57.00	54.40	56.20	55.10	52.90	53.30	57.40	54.40	55.30	51.60	54.80
	1987	55.10	62.30	65.50	68.80	75.10	68.90	64.60	68.20	73.40	72.80	68.50	68.80	68.90
	1988	74.10	77.50	78.40	80.70	83.00	75.00	75.30	79.50	82.00	78.60	77.20	75.50	78.40
Sheep	1986	---	---	---	---	---	---	---	---	---	---	---	---	26.80
	1987	---	---	---	---	---	---	---	---	---	---	---	---	27.50
	1988	---	---	---	---	---	---	---	---	---	---	---	---	24.20
Lambs	1985	---	---	---	---	---	---	---	---	---	---	---	---	65.20
	1986	---	---	---	---	---	---	---	---	---	---	---	---	70.40
	1987	---	---	---	---	---	---	---	---	---	---	---	---	60.60
							-Dollars per Head-							
All Milk Cows	1986	830	---	---	840	---	---	860	---	---	890	---	---	860
	1987	850	---	---	900	---	---	890	---	---	930	---	---	895
	1988	960	---	---	990	---	---	910	---	---	940	---	---	950

Monthly Average Prices Received by Farmers, Livestock and Livestock Products
Indiana 1986-1988--Continued

Item	Year	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Wtd. Annual Avg.
							-Dollars per 100 Pounds-							
Milk Wholesale:	1986	12.80	12.70	12.50	12.20	12.30	12.20	12.20	12.40	12.80	13.20	13.70	13.80	12.70
Eligible for	1987	13.80	13.60	13.10	12.80	12.30	12.20	12.20	12.40	12.80	13.20	13.30	13.20	12.90
Fluid Market	1988	13.10	12.90	12.50	12.10	11.70	11.50	11.50	11.80	12.30	13.00	13.60	13.90	12.50
Manufacturing	1986	11.20	11.20	10.90	10.70	10.50	10.40	10.50	10.60	10.80	10.90	11.10	11.20	10.80
Grade	1987	11.10	10.90	10.80	10.80	10.70	10.60	10.60	10.70	10.90	11.20	11.00	11.00	10.80
	1988	11.00	10.90	10.80	10.70	10.50	10.30	10.40	10.50	11.00	11.50	11.60	11.60	10.90
All Milk	1986	12.70	12.60	12.40	12.10	12.10	12.00	12.00	12.20	12.60	13.00	13.50	13.60	12.50
	1987	13.60	13.40	12.90	12.60	12.20	12.00	12.10	12.20	12.60	13.00	13.10	13.00	12.70
	1988	12.90	12.70	12.40	12.00	11.60	11.40	11.40	11.70	12.20	12.90	13.40	13.70	12.30
							-Cents Per Pound Liveweight-							
Chickens	1986	---	---	---	---	---	---	---	---	---	---	---	---	12.0
Excluding	1987	---	---	---	---	---	---	---	---	---	---	---	---	10.0
Broilers 1/	1988	---	---	---	---	---	---	---	---	---	---	---	---	6.8
Commercial	1986	---	---	---	---	---	---	---	---	---	---	---	---	33.3
Broilers 1/	1987	---	---	---	---	---	---	---	---	---	---	---	---	2/
	1988	---	---	---	---	---	---	---	---	---	---	---	---	2/
Turkeys 3/	1986	---	---	---	---	---	---	---	---	---	---	---	---	48.0
	1987	40.0	38.0	38.0	39.0	38.0	37.0	34.0	34.0	35.0	37.0	36.0	38.0	37.0
	1988	37.0	34.0	37.0	38.0	39.0	38.0	39.0	41.0	41.0	47.0	47.0	46.0	41.0
							-Cents per Dozen-							
Eggs 4/	1986	62.0	62.0	56.0	72.0	50.0	54.0	48.0	62.0	62.0	62.0	56.0	66.0	59.0
	1987	56.0	52.0	50.0	44.0	44.0	42.0	44.0	50.0	54.0	45.0	42.0	40.0	49.0
	1988	40.0	39.0	36.0	38.0	31.0	30.0	35.0	55.0	49.0	57.0	47.0	48.0	42.0
							-Cents per Pound-							
Wool	1986	---	---	---	---	---	---	---	---	---	---	---	---	41
	1987	---	---	---	---	---	---	---	---	---	---	---	---	48
	1988	---	---	---	---	---	---	---	---	---	---	---	---	62

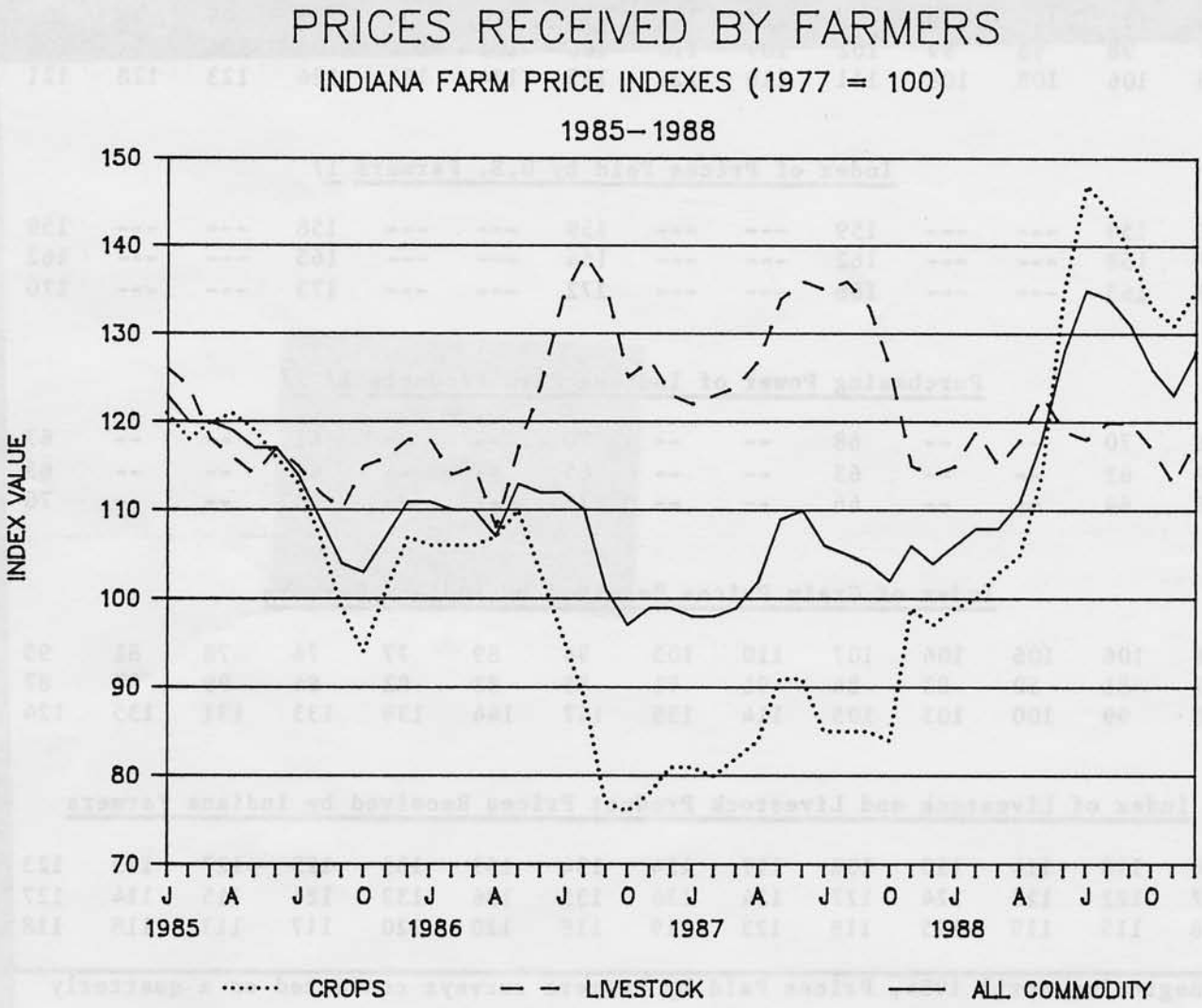
1/ Marketing year average (December-November).
2/ Not published.
3/ 1986 yearly estimates only.
4/ Marketing year average (December-November). Average price for market eggs only (includes eggs sold retail by producers).

Indiana Farm Price Indexes
1986-1988 (12 months in 1977=100)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year Average
						Index of Indiana Prices Received by Farmers							
1986	111	110	110	107	113	112	112	110	101	97	99	99	107
1987	98	98	99	102	109	110	106	105	104	102	106	104	104
1988	106	108	108	111	118	128	135	134	131	126	123	128	121
						Index of Prices Paid by U.S. Farmers 1/							
1986	159	---	---	159	---	---	159	---	---	158	---	---	159
1987	158	---	---	162	---	---	164	---	---	165	---	---	162
1988	165	---	---	168	---	---	172	---	---	173	---	---	170
						Purchasing Power of Indiana Farm Products 1/ 2/							
1986	70	--	--	68	--	--	70	--	--	61	--	--	67
1987	62	--	--	63	--	--	65	--	--	62	--	--	63
1988	64	--	--	66	--	--	78	--	--	73	--	--	70
						Index of Grain Prices Received by Indiana Farmers							
1986	106	106	106	107	110	103	96	89	77	76	78	81	95
1987	81	80	82	84	91	91	85	82	82	84	99	97	87
1988	99	100	103	105	114	135	147	144	139	133	131	135	124
						Index of Livestock and Livestock Product Prices Received by Indiana Farmers							
1986	118	114	115	108	117	124	134	139	135	125	127	123	123
1987	122	123	124	127	134	136	135	136	133	126	115	114	127
1988	115	119	115	118	123	119	118	120	120	117	113	118	118

1/ Beginning April 1986, Prices Paid by Farmers surveys conducted on a quarterly basis.

2/ Index of Indiana Prices Received by Farmers divided by the U.S. Index of Prices Paid by Farmers including interest, taxes, and wage rates.


PRICES RECEIVED BY FARMERS
INDIANA FARM PRICE INDEXES (1977 = 100)
1985–1988
INDEX VALUE
150
140
130
120
110
100
90
80
70
J A J O J A J O J A J O J A J O
1985
1986
1987
1988
CROPS
LIVESTOCK
ALL COMMODITY

Indiana Livestock and Poultry-Feed Price Ratios, by Months
1986-1988

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Average
						Hog-Corn Price Ratio 1/							
1986	18.8	18.2	17.3	16.8	18.7	22.6	28.3	33.6	39.9	37.6	34.9	32.3	26.6
1987	30.7	31.4	30.8	31.5	30.6	32.8	36.1	38.0	35.2	30.0	23.3	21.6	31.0
1988	21.0	22.3	20.0	19.8	22.0	18.3	14.9	15.5	14.4	14.5	13.9	14.8	17.6
						Whole Milk-Feed Price Ratio 2/ 3/							
1986	143	---	---	142	---	---	149	---	---	168	---	---	151
1987	173	---	---	167	---	---	157	---	---	155	---	---	163
1988	143	---	---	136	---	---	130	---	---	154	---	---	141
						Egg-Feed Price Ratio 4/							
1986	6.7	---	---	5.4	---	---	6.6	---	---	6.1	---	---	6.2
1987	6.4	---	---	5.3	---	---	5.0	---	---	5.0	---	---	5.4
1988	3 8	---	---	3 8	---	---	5 5	---	---	5 2	---	---	4 6

1/ Bushels of corn equal in value to 100 pounds of hog, liveweight.
2/ Pounds of dairy ration equal in value to 100 pounds of milk.
3/ Preliminary.
4/ Pounds of poultry feed equal in value to one dozen eggs.

Mid-Month Prices Paid by Farmers for Feed Ingredients Mixed Feeds and Fuel, by Months
Cornbelt 1986-1988 1/

Item	Year	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
						-Dollars per 100 Pounds-							
Cottonseed Meal	1986	13.30	---	---	12.50	---	---	12.70	---	---	12.60	---	---
(41%)	1987	13.30	---	---	13.30	---	---	13.70	---	---	13.60	---	---
	1988	14.20	---	---	14.20	---	---	16.90	---	---	16.30	---	---
Soybean Meal	1986	10.00	---	---	10.30	---	---	10.60	---	---	10.60	---	---
(44%)	1987	10.40	---	---	10.50	---	---	11.70	---	---	11.90	---	---
	1988	12.90	---	---	12.90	---	---	17.00	---	---	16.10	---	---
Bran	1986	9.20	---	---	8.36	---	---	8.20	---	---	8.00	---	---
	1987	8.00	---	---	9.90	---	---	7.70	---	---	7.90	---	---
	1988	8.40	---	---	8.80	---	---	9.50	---	---	10.20	---	---
Middlings	1986	8.40	---	---	8.14	---	---	7.60	---	---	7.00	---	---
	1987	7.20	---	---	7.30	---	---	7.20	---	---	7.40	---	---
	1988	8.00	---	---	8.00	---	---	8.90	---	---	9.50	---	---
Corn Meal	1986	4.65	---	---	5.26	---	---	5.40	---	---	4.60	---	---
	1987	4.65	---	---	4.95	---	---	5.10	---	---	4.60	---	---
	1988	4.70	---	---	5.00	---	---	6.80	---	---	6.70	---	---
						-Dollars per Ton-							
Beef Cattle Conc.	1986	262	---	---	236	---	---	236	---	---	244	---	---
32-36% 2/	1987	242	---	---	232	---	---	246	---	---	255	---	---
	1988	276	---	---	266	---	---	328	---	---	310	---	---
Hog Conc.	1986	270	---	---	260	---	---	264	---	---	264	---	---
38-42% 2/	1987	266	---	---	262	---	---	290	---	---	289	---	---
	1988	312	---	---	308	---	---	389	---	---	368	---	---
Dairy Feed													
(16% Protein)	1986	184	---	---	170	---	---	161	---	---	155	---	---
	1987	157	---	---	151	---	---	154	---	---	168	---	---
	1988	180	---	---	176	---	---	213	---	---	208	---	---
Laying Feed	1986	194	---	---	186	---	---	187	---	---	183	---	---
	1987	176	---	---	166	---	---	176	---	---	180	---	---
	1988	208	---	---	200	---	---	259	---	---	229	---	---
						-Dollars per Gallon-							
Gasoline	1986	1.25	---	---	.84	---	---	.85	---	---	.80	---	---
(Service Station)	1987	.85	---	---	.91	---	---	.95	---	---	.96	---	---
(Unleaded)	1988	.88	---	---	.89	---	---	.93	---	---	.91	---	---
(Bulk Delivery)	1986	1.14	---	---	.84	---	---	.84	---	---	.81	---	---
(Leaded, Regular)	1987	.87	---	---	.92	---	---	.97	---	---	.96	---	---
	1988	.89	---	---	.92	---	---	.95	---	---	.92	---	---
Diesel,	1986	1.06	---	---	.73	---	---	.60	---	---	.64	---	---
(Bulk Delivery)	1987	.69	---	---	.72	---	---	.75	---	---	.77	---	---
	1988	.75	---	---	.76	---	---	.74	---	---	.68	---	---

1/ Cornbelt Region includes Indiana, Illinois, Iowa, Missouri, and Ohio.
2/ Mid-month prices converted to Dollars per Ton from Dollars per 100 Pounds.

Average Annual Prices Paid by Farmers for Selected Items
United States 1986-1988

Item	Unit	1986	1987	1988
			-Dollars-	
Lumber and Building Materials				
Fiberglass Shingles	100 sq. ft.	25.30	23.60	23.40
Dressed Boards	1000 bd. ft.	653.00	682.00	707.00
Pine 2" x 4"	1000 bd. ft.	350.00	372.00	365.00
Portland Cement	94 lbs.	6.25	6.30	6.35
House Paint, Exterior	gallon	16.10	15.70	16.05
Motor Supplies				
Gasoline, Unleaded Service Station	gallon	.974	.940	.941
Gasoline, Regular Bulk Deliver	gallon	.936	.919	.927
Diesel Fuel	gallon	.757	.712	.729
Spark Plugs	each	1.730	1.775	1.82
Tractor Tires 15.5 x 38 6 Ply	each	284.00	281.00	291.00
Machinery & Hardware				
Farm Tractors, Pto or Belt	50-59 HP	16,550.00	16,650.00	17,150.00
Farm Tractors, Pto or Belt	110-129 HP	38,600.00	38,950.00	40,800.00
Combine, self propelled with grain head	Med. Cap.	62,900.00	65,300.00	72,000.00
Corn Planter 4-row	--	7,050.00	7,500.00	8,110.00
Cultivator 4-row	--	2,520.00	2,510.00	2,830.00
Plow, 3 Bottom	--	2,600.00	2,630.00	2,820.00
Barbed Wire, 2 Point	80 rod	35.20	33.70	33.80
Posts, Steel	each	2.59	2.48	2.48
Pitchforks, 4 tine	each	20.10	20.50	21.00
Nail Hammer	each	12.60	12.30	12.90
Nails	pound	.644	.653	.659
Iron Pipe 1-1/4"	feet	1.90	2.01	2.04
Fertilizer, Lime and Pesticide Materials				
5-20-20	ton	155.00	160.00	180.00
6-24-24	ton	176.00	180.00	208.00
8-32-16	ton	196.00	198.00	223.00
12-12-12	ton	173.00	171.00	181.00
10-34-0	ton	224.00	218.00	237.00
18-46-0	ton	215.00	226.00	249.00
Ammonium Nitrate	ton	168.00	156.00	168.00
Anhydrous Ammonia	ton	200.00	184.00	200.00
Superphosphate 44-46% P_2O_5	ton	186.00	200.00	222.00
Muriate of Potash 60% K_2O	ton	109.00	125.00	157.00
Urea	ton	167.00	160.00	186.00
Limestone, Ground	ton	16.00	16.70	16.10
Atrazine, 80% W.P.	5 lbs.	8.58	8.78	9.11
Carbaryl, 80% W.P.	10 lbs.	31.30	31.20	32.50
Trifluralin 4 lbs/gal E.C.	5 gal.	125.00	126.00	129.00
Field Seeds				
Corn, hybrid	80,000 kernels	65.60	64.90	64.20
Soybeans	bu.	10.80	11.30	11.90
Feeder Pigs 1/	cwt.	92.00	103.50	52.00

1/ For quarterly feeder pig prices for Indiana see page 65.

Estimated Sales of Commercial Feeds in Indiana*
1985-1988

Item	1985	1986	1987	1988
		- Tons -		
Ingredient Feeds				
Alfalfa products	3,582	7,816	6,555	2,239
Animal products	25,132	23,325	35,822	38,432
Barley products	318	399	349	764
Brewery products	15,700	11,747	11,663	8,830
Corn products	36,458	79,204	29,852	14,169
Cottonseed products	1,420	1,365	1,091	1,610
Distiller products	5,658	6,674	8,349	11,346
Fats and oils	9,817	12,010	3,816	10,646
Grain sorghum prod.	271	412	218	193
Linseed and Flax prod.	605	355	328	341
Marine products	1,784	686	154	384
Milk products	3,826	337	635	829
Minerals	28,041	15,765	43,438	17,901
Molasses	9,264	8,411	7,819	12,110
Oat products	4,063	2,729	4,980	2,991
Peanut products	0	4	55	21
Rice products	2,397	754	315	1,524
Vitamins	1,570	1,555	0	697
Soybean products	691,223	570,580	584,476	564,955
Wheat products	17,349	30,486	22,502	22,464
Miscellaneous	87,986	98,043	109,524	116,056
Total Ingredients	946,464	872,657	871,941	828,502
Mixed Feeds				
Broiler feeds				
Complete	10,434	9,680	11,138	11,037
Supplement	2,235	2,119	2,666	2,222
Turkey feeds				
Complete	37,225	36,443	63,051	55,925
Supplement	19,191	32,698	34,260	24,915
Starter-Grower (Egg Type)				
Complete	18,105	17,280	13,790	20,833
Supplement	2,677	1,214	7,137	660
Layer-Breeder (Egg Type)				
Complete	93,329	83,089	73,825	23,442
Supplement	55,552	56,086	22,111	14,953
Beef feeds				
Complete	31,753	38,756	36,236	38,175
Supplement	53,172	51,140	60,128	57,191
Dairy feeds				
Complete	69,809	65,384	67,051	79,047
Supplement	63,606	62,196	69,132	66,907
Sheep feeds				
Complete	2,504	2,091	2,833	2,787
Supplement	640	374	835	1,820
Swine feeds				
Complete	121,071	126,763	134,903	143,645
Supplement	283,344	268,751	310,674	314,534
Mineral feeds				
Supplement	26,472	23,458	37,794	27,224
Vitamins feeds				
Supplement	662	529	693	422
Horse Feeds	28,515	27,981	22,844	28,490
Premixes	34,954	24,706	28,425	29,079
Small animal and pet	90,613	94,899	102,216	98,899
Unclassified	57,222	62,370	59,354	63,263
Total Mixed Feeds	1,103,085	1,088,007	1,161,096	1,105,470
Total All Feeds	2,049,549	1,960,664	2,033,037	1,933,972

*Data from Indiana State Chemist, Department of Biochemistry, Purdue University

Selected Statistics on Farm Real Estate
Indiana 1986-1989

Year	Index Number of Average Value Per Acre, 1977=100 February 1	Value of Land and Buildings 1/ Per Acre	Per Farm	Total Value	Building Value
		- Dollars -		- Million Dollars -	
1986	81	1,058	225,247	17,344	2,221
1987	71	931	209,397	15,077	1,911
1988	75	983	221,081	16,114	1,998
1989 2/	81	1,061	241,715	17,404	2,162

1/ February 1.
2/ Preliminary

Farms Rented for Cash -
Gross Cash Rent Per Acre
Indiana 1986-1989

	Cash Rent Per Acre 1986	1987	1988	1989 1/
Total Farm Per Acre	83.10	74.30	73.90	78.00
Cropland Per Acre	85.60	77.00	77.00	83.10
Pasture Per Acre	35.60	35.70	31.30	33.90

1/ Preliminary

Workers on Farms by Quarters
Eastern Cornbelt 1986-1989 1/ 2/

Year	January 3/	April	July	October	Annual Average
			-Thousands-		
			Family Workers		
1986		201	216	245	221
1987		185	232	221	213
1988		215	209	239	221
1989	176	193	287		
			Hired Workers		
1986		78	95	92	88
1987		66	106	76	83
1988		77	64	55	65
1988	51	56	72		
			Total Workers		
1986		279	311	337	309
1987		251	338	297	295
1988		292	273	294	286
1989	227	249	359		

1/ Eastern Cornbelt region consists of Indiana, Illinois, and Ohio. January survey not conducted in the Cornbelt region.
2/ Persons employed during the full calendar week including the 12th of the month.
3/ January survey initiated in the Cornbelt region in January 1989.

Farm Wage Rates 1/
Eastern Cornbelt, 1986-1989 2/

Year and Month	All Hired Workers	Type of Work					Method of Pay		
		Field	Live-stock	Field & Live-stock	Super-visory	Other	Hourly	Piece-rate	Other
				-Dollars per Hour-					
1986 April	4.76	4.45	4.63	4.56	6.48	4.70	4.66	3/	5.11
1986 July	4.61	4.22	4.25	4.23	7.23	4.76	4.45	3/	5.09
1986 October	4.75	4.67	4.10	4.41	9.90	4.57	4.58	3/	5.32
1987 April	5.00	5.04	4.17	4.64	8.59	5.62	5.07	3/	4.79
1987 July	5.02	4.77	4.68	4.74	7.46	3/	4.75	3/	5.80
1987 October	4.70	4.38	4.54	4.42	7.96	3/	4.56	3/	5.10
1988 April	5.39	5.01	4.67	4.92	7.58	5.65	5.31	3/	5.53
1988 July	4.82	4.63	4.73	4.67	6.03	3/	4.70	3/	5.17
1988 October	4.96	4.74	4.82	4.76	6.60	4.64	4.82	3/	5.21
4/1989 January	5.43	5.12	4.79	4.92	8.49	5.38	4.90	3/	6.30
1989 April	5.40	5.05	5.06	5.05	7.99	3/	5.03	3/	5.98
1989 July	4.84	4.53	5.17	4.68	6.80	3/	4.58	3/	5.52

1/ Excludes Ag Service Workers.
2/ Eastern Cornbelt region consists of Indiana, Illinois, and Ohio.
3/ Insufficient Data.
4/ January survey initiated in the Corbelt region in January 1989.

Value of Agricultural Commodities Exported
Indiana 1985-1988 1/

Fiscal Year	Wheat and Flour	Total Feed Grains 2/	Soybeans and Products	Tobacco Unmanufactured	Fruit and Preparations	Vegetables and Preparations	Dairy Products
				-Million Dollars-			
1985	77.9	665.2	424.8	9.6	1.7	8.1	6.7
1986	64.7	393.1	492.0	8.2	1.6	7.6	7.0
1987	43.4	361.4	466.3	8.8	.9	8.4	7.7
1988	39.5	517.0	617.2	8.8	2.2	11.6	7.5

Fiscal Year	Meats and Products	Hides and Skins	Poultry Products	Fats, Oils and Greases	Feeds and Fodders	Seeds	Other	Total
				-Million Dollars-				
1985	11.3	7.5	25.2	3.9	21.8	6.0	27.7	1,297.4
1986	12.0	7.0	33.0	2.5	21.5	6.2	28.6	1,085.0
1987	12.9	7.2	37.1	2.0	24.5	6.3	28.6	1,015.5
1988	24.2	8.3	42.8	2.6	34.9	7.0	38.6	1,362.2

1/ The export shares are derived from contribution of Indiana to national output and sales. They do not show actual exports, but instead reflect the common stake of Indiana in the national export total.
2/ Includes barley, corn, oats, and sorghum grain.

Number and Value of Livestock and Poultry on Farms
United States, January 1, 1985-1989

January 1	All Cattle	Milk Cows 1/	Hogs 2/	All Sheep and Lambs	Chickens 2/
			Thousand Head		
1985	109,749	10,805	54,073	10,443	374,008
1986	105,468	11,177	52,313	9,983	368,548
1987	102,000	10,502	50,920	10,334	369,131
1988	99,524	10,298	54,620	10,784	377,727
1989 3/	99,484	10,217	55,299	10,802	355,489
			Average Value Per Head (Dollars)		
1985	402.00	---	75.00	61.10	2.02
1986	391.00	---	69.60	67.40	1.90
1987	407.00	---	91.90	75.70	1.87
1988	523.00	---	76.10	90.00	1.87
1989 3/	607.00	---	66.30	82.40	2.04
			Total Value (Million Dollars)		
1985	44,139	---	4,056	638	754
1986	41,280	---	3,640	670	700
1987	41,483	---	4,679	782	691
1988	52,046	---	4,158	970	706
1989 3/	60,395	---	3,665	890	725

1/ Milk cows and heifers that have calved.
2/ December 1 previous year.
3/ Preliminary.

Acres Planted and Harvested, Yield, Production and Season Average Prices
United States 1987-1988

Name of Crop	Acreage Planted All Purposes 1987	Acreage Planted All Purposes 1988	Acreage Harvested 1987	Acreage Harvested 1988	Yield Per Acre 1987	Yield Per Acre 1988	Production 1987	Production 1988	Prod. Unit	Price Per Unit _1/ 1987	Price Per Unit _1/ 1988
	-Thousands-						-Thousands-			-Dollars-	
All Corn	65,704	67,619	--	--	--	--	--	--		--	--
Corn for Grain	--	--	59,208	58,164	119.4	84.6	7,072,073	4,921,191	Bu.	1.94	2.55
Corn for Silage	--	--	5,829	8,295	14.5	9.5	84,468	78,925	Ton	--	--
All Soybeans	57,955	58,870	--	--	--	--	--	--		--	--
Soybeans for Beans	--	--	56,977	57,383	33.7	26.8	1,922,762	1,538,666	Bu.	5.88	7.55
All Wheat	65,834	65,529	55,960	53,174	37.7	34.1	2,107,480	1,811,261	Bu.	2.57	3.72
Winter Wheat	48,811	48,800	39,347	39,785	39.8	39.2	1,565,176	1,560,970	Bu.	2.49	3.65
Durum Wheat	3,341	3,336	3,279	2,847	28.2	15.7	92,617	44,831	Bu.	3.18	4.70
Other Spring Wheat	13,682	13,393	13,334	10,542	33.7	19.5	449,687	205,460	Bu.	2.62	3.77
Oats	17,959	13,927	6,925	5,590	54.0	39.1	374,000	218,773	Bu.	1.56	2.61
Barley	11,046	9,676	10,057	7,535	52.7	38.6	529,530	290,505	Bu.	1.81	2.79
Rye	2,498	2,444	683	607	29.0	24.8	19,818	15,047	Bu.	1.63	2.49
All Sorghum	11,804	10,358	--	--	--	--	--	--		--	--
Sorghum for Grain	--	--	10,604	9,052	69.7	63.8	739,249	577,551	Bu.	3.04	4.07
Sorghum for Silage	--	--	424	548	12.2	9.9	5,157	5,447	Ton	--	--
Hay, All	--	--	60,748	65,559	2.5	1.9	149,302	126,817	Ton	65.10	87.10
Alfalfa Hay	--	--	25,535	26,695	3.3	2.6	84,794	69,282	Ton	--	--
All Other Hay	--	--	35,213	38,864	1.8	1.5	64,508	57,535	Ton	--	--
Tobacco	--	--	587.1	634.1	2,028	2,160	1,190,674	1,369,662	Lb.	1.571	1.646
Potatoes, All	1,302.0	1,268.8	1,279.3	1,242.9	301	282	385,462	349,973	Cwt.	4.35	5.49
Apples, Commercial	--	--	--	--	--	--	10,748.6	9,157.5	Lb.	0.087	0.138
Peaches	--	--	--	--	--	--	2,390.8	2,619.7	Lb.	0.142	0.161
Peppermint	--	--	65.8	80.5	68	67	4,446	5,360	Lb.	11.60	15.90
Spearmint	--	--	23.8	22.6	86	77	2,053	1,745	Lb.	12.10	12.70
Beans, Dry Edible	1,800.6	1,498.4	1,688.4	1,366	1,535	14.1	25,909	19,230	Cwt.	16.50	30.30
Pears	--	--	--	--	--	--	940.2	861.0	Ton	198.00	269.00
Grapes	--	--	--	--	--	--	5,264.0	5,986.0	Ton	259.00	238.00
Strawberries_2/	45.3	46.0	44.6	45.0	249.3	260.0	11,117	11,669	Cwt.	49.40	46.00
Carrots_2/	102.9	100.7	100.1	97.7	384.5	332.7	38,485	32,501	Cwt.	9.13	10.60
Celery	34.8	35.6	33.9	34.0	526.5	571.3	17,847	19,423	Cwt.	11.10	11.90
Onions_2/	129.8	137.5	123.7	132.2	370.8	365.1	45,867	48,264	Cwt.	12.50	9.72
Tomatoes, Fresh Mkt.	134.2	145.4	130.5	141.0	246.0	253.1	32,099	35,685	Cwt.	26.00	26.80
Snapbean, Proc.	230.7	233.2	221.2	217.7	3.07	2.70	679.0	588.3	Ton	160.00	168.00
Sweet Corn, Proc.	463.3	464.4	430.9	444.8	6.65	5.41	2,866.6	2,407.6	Ton	59.30	60.70
Cucumber, Proc.	111.6	122.5	109.6	118.9	5.80	5.48	635.5	651.6	Ton	180.00	200.00
Green Peas, Proc.	302.2	292.9	290.3	283.9	1.51	1.10	439.5	313.1	Ton	224.00	234.00
Tomatoes, Proc.	263.1	279.1	257.1	274.9	29.57	26.95	7,602.0	7,409.9	Ton	59.10	60.70

_1/ 1987 revised. 1988 Preliminary - includes allowance for remainder of marketing year in 1989.
_2/ Includes both fresh market and processing.
_3/ Includes substantial acreage of set aside and conservation reserve acres that were released for haying and harvested for hay due to drought.

Civilian Per Capita Consumption of Meat, Poultry and Eggs
United States 1985-1988 1/ 2/

Year	Meat (Retail Weight)					Poultry Products (Retail Weight) (Ready to Cook)		
	Beef	Veal	Lamb & Mutton	Pork	Total	Chicken	Turkey	Eggs
	-Pounds-							
1985	79.1	1.8	1.4	62.0	144.4	58.0	12.1	33.1
1986	78.4	1.9	1.4	58.6	140.2	58.7	13.3	32.6
1987	73.4	1.5	1.3	59.1	135.3	62.8	15.1	32.5
1988 3/	72.7	1.4	1.4	63.1	138.6	64.6	16.0	31.9

Total Per Capita Consumption of Dairy Products
United States 1985-1988 1/ 4/

Year	Fluid Milk & Cream (Product Weight)	Cheese Whole & Part Whole Milk		Ice Cream (Product Weight)	Ice Milk (Product Weight)	Cottage Cheese	Butter
		American	Other				
1985	239	12.1	10.3	18.1	6.9	4.1	4.9
1986	238	12.1	11.0	18.3	7.2	4.1	4.6
1987	239	12.3	11.6	18.3	7.5	3.9	4.6
1988 3/	238	11.6	12.0	17.8	7.8	3.8	4.4

1/ Sales and farm consumption combined.
2/ Revised per Livestock and Poultry Situation and Outlook Report.
3/ Preliminary.
4/ Revised per Dairy Situation and Outlook Report.

Persons Supplied Farm Products by One Farmworker, United States, 1945-88

Year	Persons supplied per farmworker 1/			Total farm employment 2/	Total United States population, July 1 3/
	Total	At Home	Abroad		
	-Number-			-Million-	
1945	14.6	12.9	1.7	10.0	139.9
1946	14.3	12.4	1.9	10.3	141.4
1947	14.1	12.6	1.5	10.4	144.1
1948	14.5	12.8	1.7	10.4	146.6
1949	14.9	13.4	1.5	10.0	149.2
1950	15.5	13.8	1.7	9.9	151.7
1951	15.8	14.0	1.8	9.5	154.3
1952	16.4	15.0	1.4	9.1	157.0
1953	17.2	15.8	1.4	8.9	159.6
1954	18.1	16.2	1.9	8.7	162.4
1955	19.5	17.3	2.2	8.4	165.3
1956	21.7	18.5	3.2	7.9	168.2
1957	22.7	19.8	2.9	7.6	171.3
1958	23.2	20.6	2.6	7.5	174.1
1959	24.5	21.4	3.1	7.3	177.9
1960	25.8	22.3	3.5	7.1	180.8
1961	27.6	23.6	4.0	6.9	183.7
1962	28.6	24.7	3.9	6.7	186.6
1963	30.7	25.8	4.9	6.5	189.3
1964	33.2	27.9	5.3	6.1	191.9
1965	37.0	30.8	6.2	5.6	194.4
1966	39.6	33.6	6.0	5.2	196.6
1967	42.1	36.0	6.1	4.9	198.8
1968	43.4	37.9	5.5	4.7	200.7
1969	45.1	39.0	6.1	4.6	202.7
1970	47.9	40.6	7.3	4.5	205.1
1971	49.5	42.0	7.5	4.4	207.7
1972	53.4	42.4	11.0	4.4	209.9
1973	58.6	44.3	14.3	4.3	211.9
1974	55.4	42.8	12.6	4.4	213.9
1975	58.3	44.2	14.1	4.3	216.0
1976	58.0	43.6	14.4	4.4	218.0
1977	61.3	44.0	17.3	4.2	220.2
1978	65.7	47.3	18.4	4.0	222.6
1979	72.3	50.4	21.9	3.8	225.1
1980	75.8	52.3	23.5	3.7	227.8
1981	75.4	54.8	20.6	3.6	230.0
1982	78.7	60.0	18.8	3.4	232.3
1983	86.7	63.1	23.6	3.2	234.5
1984	87.8	64.6	23.1	3.1	237.0
1985	88.0	70.4	17.6	2.9	239.3
1986	92.7	74.9	17.9	2.7	241.6
1987 4/	96.0	76.2	19.8	2.7	243.8

1/ Includes the farmworker. Thus in 1945, the average farmworker supplied himself and 13.6 other persons.
2/ Includes farm operators, unpaid family workers, and hired workers.
3/ Includes persons in our military forces in this country and abroad.
4/ Preliminary.

"WHY AGRICULTURAL STATISTICS?"

A persons's judgement is no better than his or her facts, and these statistics are basic facts of Agriculture.

They provide an accurate, unbiased picture of Indiana's agriculture. The facts on present and prospective supplies furnish a sound basis of judgement and action by farmers, ranchers, other individuals, the business community, transportation companies, crop and livestock interests, and governmental agencies.

They reduce the amount of speculation in farm products. Speculation thrives on uncertainty. Unbiased official agriculture reports reduce uncertainty which limits speculation.

They eliminate the ill effects of misleading reports that might be circulated for private gain, if there were no official reports.

They give producers the same foresight to future price trends that organized dealers possess.

They aid farmers and ranchers in planning their production and marketing.

They are essential in enacting wise legislation affecting Agriculture.

They are a check on fluctuation in price. Uncertainty of supply promotes undue fluctuation in price.

They are the basis of analysis of agriculture and other business conditions.

They are a guide to farm resources and for developing new resources such as irrigation, electric power, location of food processors, and other marketing outlets.

They are the best basis for adjusting supply to demand which is highly essential if maximum price is to prevail.

They give information on surplus and deficit areas of production making possible a more economical distribution of products.

They give information about supplies of agricultural products to anyone trying to develop new markets for these products.

They indicate potential buying power thereby enabling the manufacturer to meet the probable demand. With economical production and distribution, the manufacturer can sell at a lower price than with uncertain demand.

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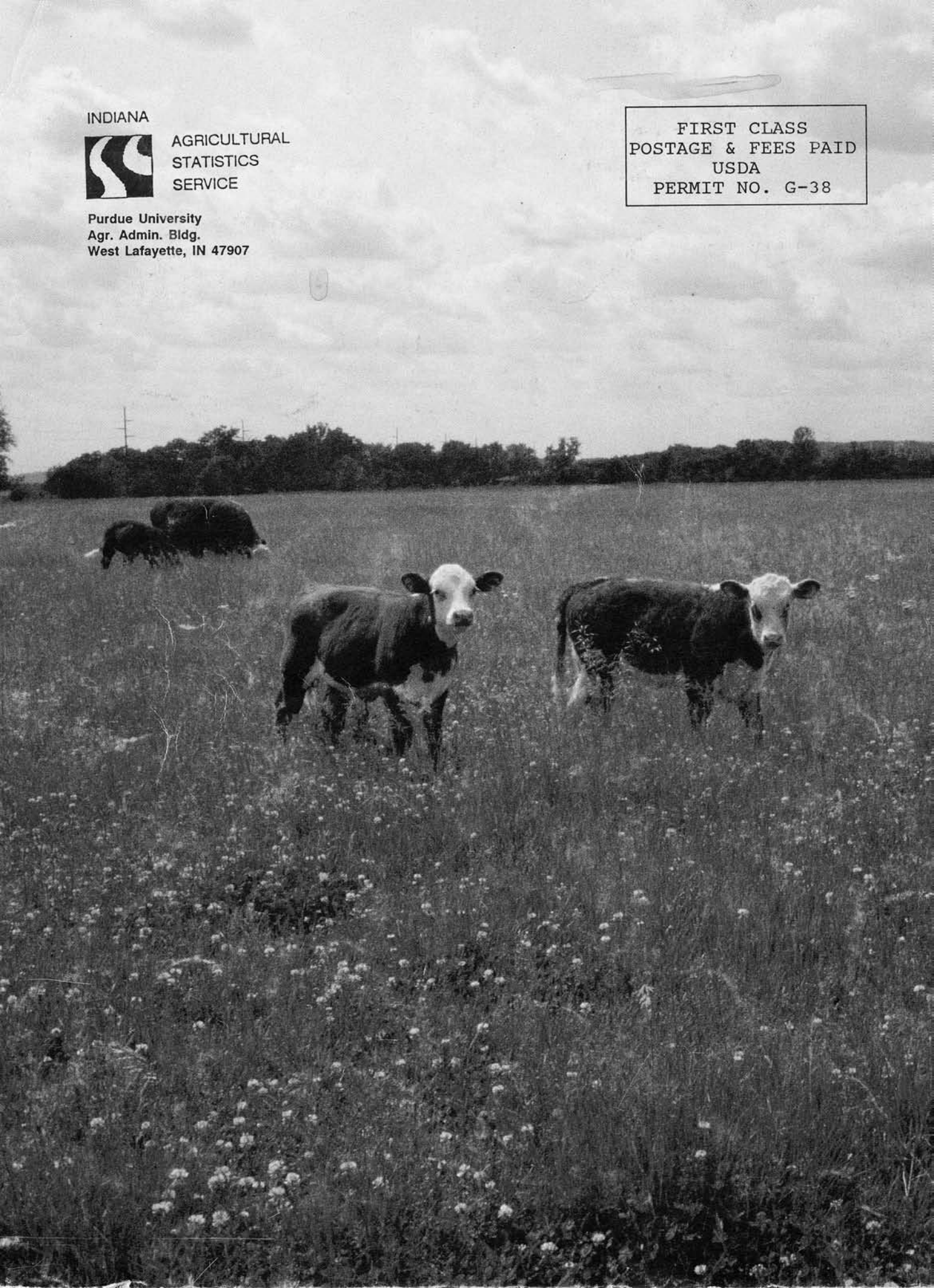
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