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INDIANA CORN PRODUCTION UP AND SOYBEAN PRODUCTION DOWN FROM LAST MONTH

Based on conditions October 1, Indiana's 2003 corn production is forecast at 806.6 million bushels, up 1 percent from the September 2003 forecast. If realized, this would be up 28 percent from the 631.6 million bushels produced in 2002. The expected yield of 148 bushels per acre increased 27 bushels from last year's 121 bushels per acre. The 5.45 million acres for harvest is 4 percent above the acreage harvested last year, but down 2 percent from the June estimate. As of October 5, corn condition was rated 63 percent good to excellent.

Soybean production is forecast at 214.0 million bushels, down 6 percent from

the September 2003 forecast, and down 11 percent from the 239.5 million bushels produced in 2002. The expected yield of 40 bushels per acre is 1.5 bushels below last year's yield of 41.5 bushels per acre. The acreage expected to be harvested for beans, at 5.35 million acres, is 7 percent less than in 2002, but unchanged from the June estimate. As of October 5, soybean condition was rated 60 percent good to excellent.

Tobacco production is forecast at 8.20 million pounds, unchanged from the September estimate and up 3 percent from 2002. The expected yield of 2,050 pounds per acre is up 3 percent

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above last year's average. Acreage for harvest, at 4,000 acres, is unchanged from 2002.

ACRES FOR HARVEST, YIELD AND PRODUCTION INDIANA AND UNITED STATES: 2002 - 2003

Crop	Acres for Harvest			Yield Per Acre		Total Production			Unit
	2002	2003	03/02	2002	2003	2002	2003	03/02	
	Thousands	Percent		Thousands	Percent	Thousands	Percent		
Indiana									
Corn for Grain	5,220	5,450	104	121	148	631,620	806,600	128	Bu
Soybeans	5,770	5,350	93	41.5	40	239,455	214,000	89	Bu
Winter Wheat	330	430	130	53	69	17,490	29,670	170	Bu
Oats	14	15	107	62	70	868	1,050	121	Bu
All Hay	600	650	108	2.66	3.06	1,596	1,988	125	Tons
Alfalfa Hay	280	330	118	3.30	3.60	924	1,188	129	Tons
Other Hay	320	320	100	2.10	2.50	672	800	119	Tons
Tobacco	4.0	4.0	100	2,000	2,050	8,000	8,200	103	Lbs
Apples ^{1/}	---	---	---	---	---	40,000	51,000	127	Lbs
Peaches ^{2/}	---	---	---	---	---	3,100	3,400	110	Lbs
United States									
Corn for Grain	69,313	71,765	104	130.0	142.2	9,007,659	10,207,141	113	Bu
Soybeans	72,437	72,538	100	38.0	34.0	2,749,340	2,468,390	90	Bu
Winter Wheat	29,751	36,541	123	38.5	46.7	1,145,602	1,707,069	149	Bu
Oats	2,093	2,224	106	56.7	65.0	118,628	144,649	122	Bu
All Hay	64,497	64,379	100	2.34	2.50	150,962	160,706	106	Tons
Alfalfa Hay	23,135	23,541	102	3.19	3.34	73,824	78,523	106	Tons
Other Hay	41,362	40,838	99	1.86	2.01	77,138	82,183	107	Tons
Tobacco	428.7	413.0	96	2,055	2,044	880,734	844,298	96	Lbs
Apples ^{1/}	---	---	---	---	---	8,555,600	9,351,600	109	Lbs
Peaches ^{2/}	---	---	---	---	---	2,575,400	2,618,100	102	Lbs

^{1/} August 1 forecast carried forward.

^{2/} July 1 forecast carried forward.

**PRELIMINARY DISTRICT ESTIMATES
OCTOBER 2003**

District	Planted Acres		Harvested Acres		Yield		Production	
	2002	2003	2002	2003	2002	2003	2002	2003
	Thousands		Thousands		Bushels		Thousands	
	Corn							
NW	920	950	882	920	139	143	122,436	131,957
NC	732	760	700	735	128	144	89,598	106,159
NE	522	550	494	530	101	145	50,015	77,082
WC	675	720	664	670	144	157	95,549	105,507
C	1,116	1,160	1,102	1,150	129	156	142,203	179,941
EC	430	470	416	460	95	152	39,341	70,130
SW	685	700	668	665	102	141	68,212	94,048
SC	170	180	159	170	79	125	12,551	21,314
SE	150	160	135	150	87	136	11,715	20,462
State	5,400	5,650	5,220	5,450	121	148	631,620	806,600
	Soybeans							
NW	755	740	752	735	44	34	32,871	24,887
NC	680	685	678	680	43	40	29,831	27,088
NE	680	570	676	560	39	42	26,775	23,423
WC	697	680	695	640	48	42	32,498	26,770
C	1,229	1,120	1,225	1,100	47	42	57,350	46,011
EC	562	510	559	505	38	44	21,017	22,129
SW	715	685	710	675	34	39	24,093	26,217
SC	215	180	211	178	29	41	6,210	7,268
SE	267	280	264	277	33	37	8,810	10,207
State	5,800	5,450	5,770	5,350	41.5	40	239,455	214,000
	Wheat							
NW	15	36	14	35	61	79	860	2,766
NC	29	48	28	46	60	73	1,676	3,355
NE	56	86	53	80	62	75	3,307	5,997
WC	27	34	26	33	57	72	1,485	2,373
C	45	54	44	51	55	74	2,400	3,771
EC	25	34	24	33	49	70	1,175	2,307
SW	115	130	108	120	49	62	5,237	7,416
SC	22	20	18	17	41	53	745	895
SE	16	18	15	15	40	53	605	790
State	350	460	330	430	53	69	17,490	29,670

CROP PROGRESS

Farmers had the best week (October 6-12) thus far this fall for field activities. Soybean harvest was in full swing around the state and corn harvest also made good progress. Tillage of soils, seeding winter wheat, chopping stalks and spreading fertilizer were major activities taking place. Yields from early harvested corn fields were better than farmers expected, but soybean yields were averaging lower than farmers had hoped. Corn harvest was 5 days behind last year's pace and 10 days behind average. Soybean harvest was 3 days behind last year and 6 days behind the average pace.

As of October 12, ninety-one percent of the corn acreage was mature (safe from frost) compared with 91 percent a year ago and 97 percent for the average. Twenty-four percent of the corn acreage was harvested compared with 30 percent last year and 40 percent for the average. By area, 19 percent of the corn acreage was harvested in the north, 22 percent in the central region and 36 percent in the south. Moisture content of harvested corn was averaging about 22 percent. Corn condition was rated 61 percent good to excellent compared with 27 percent last year at this time.

Ninety-seven percent of the soybean acreage was shedding leaves compared with 96 percent last year and 99 percent for the average. Eighty-seven percent of the soybean acreage is rated as mature compared with 88 percent last year and 94 percent for the average. Forty-four percent of the soybean acreage is harvested compared with 54 percent last year and 59 percent for the average. By area, 45 percent of the soybean acreage was harvested in the north, 51 percent in the central region and 26 percent in the south. Moisture content of harvested soybeans was averaging about 13 percent.

Pasture condition was rated 6 percent excellent, 58 percent good, 26 percent fair, 8 percent poor and 2 percent very poor. Thirty-eight percent of the winter wheat acreage was seeded compared with 46 percent last year and 44 percent for the average. Eight percent of the winter wheat acreage had emerged compared with 15 percent for the average. Tobacco harvest was virtually complete in the southern regions of the state. Livestock were in mostly good condition.

INDIANA APPLE PRODUCTION UNCHANGED FROM AUGUST

Nationally, the final production forecast for the 2003 crop year is 9.35 billion pounds, up 1 percent from the August 1 forecast and 9 percent above 2002. Of the 7 States making October 1 production forecasts, Michigan and New York increased from the August 1 forecast, Pennsylvania and Virginia remained unchanged, while North Carolina, Washington, and West Virginia decreased from August. The Eastern and Central apple producing regions are forecasting increases in production from the August 1 forecast, while the Western region is forecasting a decrease. Compared to 2002, production increases in the Eastern and Central States more than offset decreases in the Western States.

Production in the Central States (AR, IL, IN, IA, KS, KY, MI, MN, MO, OH, TN, WI) is forecast at 1.33 billion pounds, up 2 percent from the August 1 forecast and 66 percent above 2002. Michigan's production increased by 2 percent from the August forecast and 98 percent from 2002.

Size and quality are excellent on the Michigan apple crop, where a record high yield is forecast. All other Central States are carried forward from the August 1 forecast.

OCTOBER 1 COMMERCIAL APPLE PRODUCTION 1/ SELECTED STATES AND U.S., 2001-2003

State	Production		
	Total		Indicated
	2001	2002	2003
	<u>Million Pounds</u>		
Indiana 2/	53.0	40.0	51.0
California 2/	520.0	470.0	510.0
Illinois 2/	43.6	43.0	42.0
Michigan	930.0	500.0	990.0
New York	1,000.0	680.0	1,200.0
Ohio 2/	86.0	70.0	86.0
Pennsylvania	480.0	370.0	440.0
Washington	5,050.0	5,150.0	4,800.0
United States	9,428.7	8,555.6	9,351.6

1/ Orchards of 100 or more bearing age trees.

2/ Estimates for current year carried forward from an earlier forecast.

PRODUCTION OF DAIRY PRODUCTS

U.S. butter production during August 2003 was 70 million pounds, 21 percent below August 2002 and 12 percent below July 2003. American type cheese production totaled 302 million pounds for the month, 2 percent below last year and last month. Total cheese output (excluding cottage cheese) was 708 million pounds, 1 percent below both August 2002 and July 2003. Creamed cottage cheese production was 33.1 million pounds, and lowfat cottage cheese in the U.S. totaled 33.7 million pounds.

The Nation's dairy plants produced 75.6 million gallons of hard ice cream during August 2003, down 3 percent from the same period last year. Hard lowfat ice cream output totaled 8.3 million gallons, down 6 percent from the August 2002 level. Hard sherbet production was 4.7 million gallons for the month, up 2 percent from the previous year. Total frozen yogurt production was 5.6 million gallons, down 15 percent from August 2002.

PRODUCTION OF DAIRY PRODUCTS UNITED STATES, AUGUST 2003 WITH COMPARISONS 1/

Product	August 2002	July 2003	August 2003	Percent of	
				Aug 2002	July 2003
	<u>Million Pounds</u>			<u>Percent</u>	
Butter	88.9	79.5	70.2	79	88
American Cheese 2/	309.6	306.5	302.1	98	98
All Cheese	714.3	717.2	708.4	99	99
Cottage Cheese, Curd	40.1	40.1	40.0	100	100
Cottage Cheese, Cream	33.8	34.5	33.1	98	96
Cottage Cheese, Lowfat	34.8	33.0	33.7	97	102
	<u>Million Gallons</u>			<u>Percent</u>	
Frozen Products					
Ice Cream (Hard)	77.9	82.9	75.6	97	91
Lowfat Ice Cream (Hard)	8.8	8.9	8.3	94	94
Sherbet (Hard)	4.6	5.3	4.7	102	88
Frozen Yogurt	6.6	5.9	5.6	85	96



1/ Percents may not calculate due to rounding.

2/ Includes Cheddar, Colby, Monterey, and Jack.

INDIANA MILK PRODUCTION UP 1 PERCENT

Indiana's milk production totaled 205 million pounds during September 2003, up 1 percent from a year earlier. The number of milk cows on farms totaled 144,000 head, down 2 percent from a year earlier.

Production per cow in the 20 major States averaged 1,503 pounds for September 2003, 6 pounds more than the previous year. The number of milk cows on farms in the 20 major States was 7.74 million head, 7,000 head less than August 2003, and 38,000 head less than September 2002.

Milk production in the 20 major States during September totaled 11.6 billion pounds, down slightly from production in these same States in September 2002.

MILK COWS AND MILK PRODUCTION INDIANA, AND SELECTED STATES, SEPTEMBER 2002-2003

State	Milk Cows <u>1/</u>		Milk Per Cow <u>2/</u>		Milk Production <u>2/</u>		
	2002	2003	2002	2003	2002	2003	2003 as % of 2002
	Thousand Head		Pounds		Million Pounds		Percent
INDIANA	147	144	1,375	1,425	202	205	101
Illinois	115	108	1,365	1,400	157	151	96
Iowa	209	200	1,425	1,470	298	294	99
Kentucky	120	111	990	965	119	107	90
Michigan	300	298	1,605	1,640	482	489	101
Minnesota	480	470	1,340	1,360	643	639	99
Ohio	262	259	1,360	1,380	356	357	100
Wisconsin	1,268	1,253	1,405	1,440	1,782	1,804	101
20 State Total	7,781	7,743	1,497	1,503	11,648	11,641	100



1/ Includes dry cows, excludes heifers not yet fresh.

2/ Excludes milk sucked by calves.

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