



Indiana Crop & Weather Report

INDIANA AGRICULTURAL STATISTICS
U.S. DEPARTMENT OF AGRICULTURE

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CROP REPORT FOR WEEK ENDING SEPTEMBER 21

Corn and soybean harvest gained momentum as warm sunny conditions helped crops advance toward maturity last week, according to the Indiana Agricultural Statistics Service. Seed corn harvest, seeding of winter wheat and cutting of silage also made good progress. Farmers were busy making final preparations of machinery and grain bins for the fall harvest.

CORN

Corn condition is rated 56 percent good to excellent, unchanged from a week earlier. Eighty-six percent of the corn acreage has reached the **dent** stage, ahead of 80 percent last year, but behind the 93 percent average for this date. One-third of the corn crop is **mature** compared with 35 percent mature last year, but behind the 5-year average of 47 percent. Two percent of the **corn** acreage has been harvested compared with 5 percent for average.

SOYBEANS

Condition of the **soybean** crop is rated 60 percent good to excellent, unchanged from a week ago. Sixty-two percent of the acreage is **shedding leaves**, far ahead of 28 percent last year, and ahead of the 54 percent for the 5-year average. Twenty-two percent of the soybean crop is reported to be **mature** compared with 24 percent for average. One percent of the **soybean** acreage has been harvested compared with 4 percent for the 5-year average.

OTHER CROPS

Pasture condition is rated 41 percent good to excellent, down slightly from 42 percent last week. Third cutting of **alfalfa** is 90 percent complete. **Tobacco** harvest is 50 percent complete, behind the 73 percent last year and the 5-year average of 76 percent.

DAYS SUITABLE and SOIL MOISTURE

For the week ending Friday, 6.0 days were rated **suitable for fieldwork**. **Topsoil moisture** was rated 7 percent very short, 28 percent short, 58 percent adequate and 7 percent surplus. **Subsoil moisture** was rated 10 percent very short, 29 percent short, 57 percent adequate and 4 percent surplus.

CROP PROGRESS

Crop	This Week	Last Week	Last Year	5-Year Avg
Percent				
Corn Harvested	2	1	3	5
Corn Mature	33	18	35	47
Corn Dent	86	67	80	93
Soybeans Harvested	1	N/A	1	4
Soybeans Shedding Lvs	62	27	28	54
Winter Wheat Seeded	5	3	4	4

CROP CONDITION

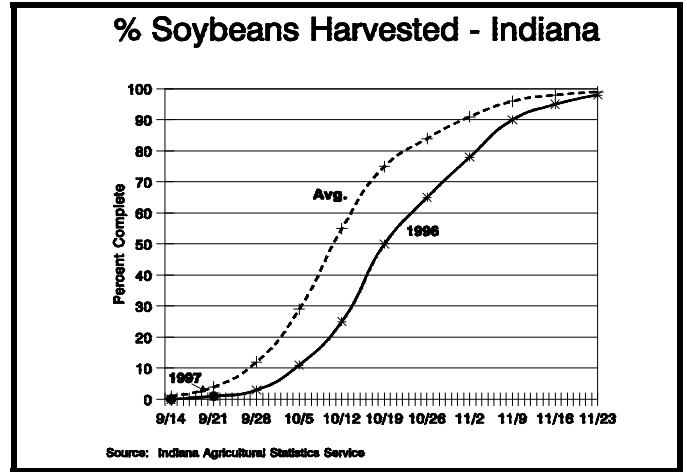
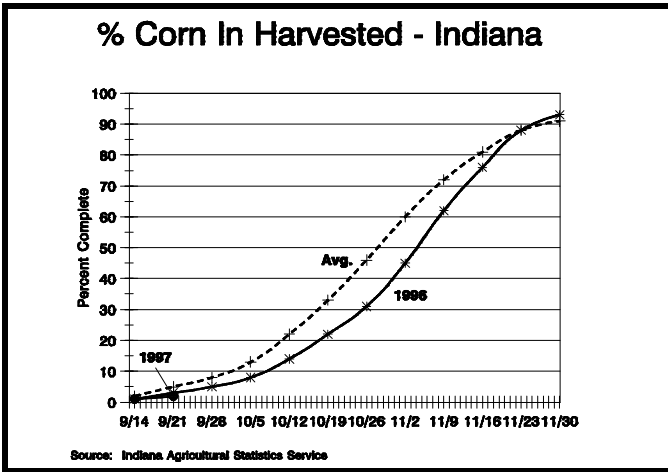
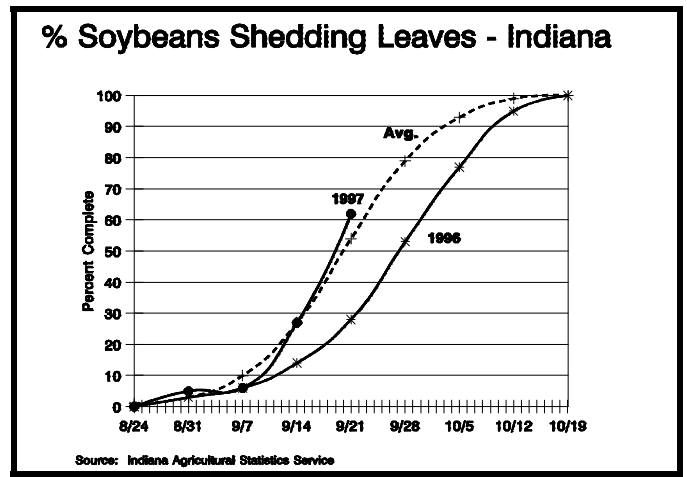
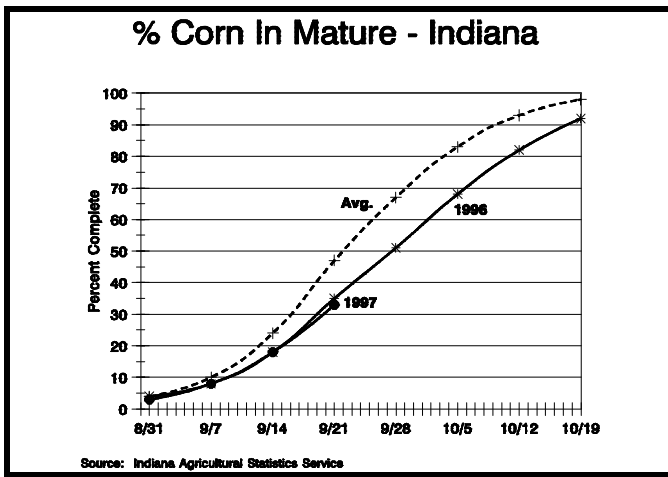
Crop	Very Poor	Poor	Fair	Good	Excellent
Percent					
Corn	3	9	32	49	7
Soybeans	2	6	32	51	9
Pasture	5	19	35	37	4

SOIL MOISTURE

	This Week	Last Week	Last Year
Percent			
Topsoil			
Very Short	7	5	5
Short	28	25	29
Adequate	58	61	63
Surplus	7	9	3
Subsoil			
Very Short	10	8	8
Short	29	24	35
Adequate	57	64	54
Surplus	4	4	3

--Ralph W. Gann, State Statistician
--Bud Bever, Agricultural Statistician
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Crop Progress



PRELIMINARY DISTRICT ESTIMATES

District	Planted Acres		Harvested Acres		Yield		Production	
	1996	1997	1996	1997	1996	1997	1996	1997
	Thousands		Thousands		Bushels		Thousand Bushels	
Corn								
NW	1,000	870	975	850	127	130	124,215	110,405
NC	755	825	725	800	126	132	91,508	105,508
NE	390	590	365	565	114	131	41,610	73,951
WC	730	770	720	755	124	117	89,222	88,258
C	1,190	1,300	1,175	1,285	124	127	145,755	163,053
EC	380	420	370	410	110	121	40,750	49,567
SW	775	770	760	755	127	105	96,265	79,206
SC	200	205	190	195	117	92	22,239	17,924
SE	180	250	170	235	111	110	18,786	25,828
State	5,600	6,000	5,450	5,850	123	122	670,350	713,700
Soybeans								
NW	694	720	681	713	37	43	25,244	30,694
NC	608	670	599	664	37	46	22,165	30,579
NE	623	550	618	545	35	44	21,761	24,007
WC	661	645	659	632	39	41	25,581	25,942
C	1,218	1,375	1,215	1,362	40	44	48,714	59,997
EC	533	480	529	470	36	38	19,226	17,880
SW	672	600	670	572	40	38	26,620	21,761
SC	167	160	166	153	38	31	6,311	4,748
SE	224	250	223	239	36	38	8,058	9,092
State	5,400	5,450	5,360	5,350	38	42	203,680	224,700

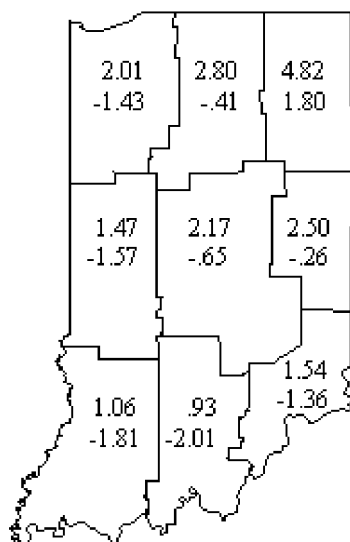
Average Daily Values for week ending Monday morning September 22, 1997

Area	Station	Air Temperature			Precipitation			Growing Degree Days		
		Max	Min	DN	Past Week	Since April 1	DN Since April 1	Past Week	Since April 1	DN Since April 1
NW	Wanatah	78	49	+1	1.39	21.54	-.56	113	2455	-155
	Kentland	80	55	+3	.63	17.22	-4.81	132	2745	-180
	Winamac	78	55	+4	2.48	23.16	+1.72	124	2613	-145
NC	South Bend	76	57	+4	1.39	17.69	-3.51	125	2580	-121
	Waterford Mills	77	52	+1	1.65	24.51	+4.36	114	2568	-173
NE	Prairie Heights	76	54	+5	2.36	20.69	-.24	119	2527	+72
	Columbia City	78	55	+4	2.11	23.45	+2.66	123	2592	-25
	Fort Wayne	77	55	+3	2.89	26.53	+7.40	125	2595	-242
	Bluffton	78	56	+3	2.75	25.64	+5.10	129	2692	-218
WC	West Lafayette	81	56	+5	.62	18.15	-3.10	139	2767	-49
	Lafayette	81	58	+6	.26	16.90	-4.35	139	2877	+61
	Perrysville	81	56	+2	.29	15.92	-7.73	137	2834	-399
	Crawfordsville	80	52	+2	.25	16.80	-3.97	128	2661	-180
	Terre Haute 8s	82	57	+4	.13	19.07	-3.76	141	3099	-53
C	Tipton	78	54	+3	.39	18.83	-2.79	119	2579	-177
	Indianapolis	80	60	+4	.21	14.23	-7.17	143	2955	-176
	Indian Creek	81	56	+5	.07	17.75	-4.38	136	2978	+0
EC	Farmland	78	53	+3	1.29	18.80	-2.22	120	2668	-27
	Liberty	80	56	+4	.23	17.55	-5.06	133	2887	-67
SW	Vincennes	82	57	+4	.13	24.14	+1.66	141	3130	-104
	Dubois	82	57	+3	.00	23.18	-1.47	139	3040	-136
	Evansville	83	60	+4	.14	15.85	-5.73	151	3277	-253
SC	Bedford	81	54	+3	.02	26.17	+2.87	129	2961	-102
	Louisville	83	62	+5	.10	19.85	-2.82	160	3372	-129
SE	Butlerville	80	52	-1	.00	22.02	-.26	122	2889	-376

DN = departure from normal.

Growing Degree Days = daily mean - 50 (below 50 adjusted to 50, above 86 adjusted to 86.)

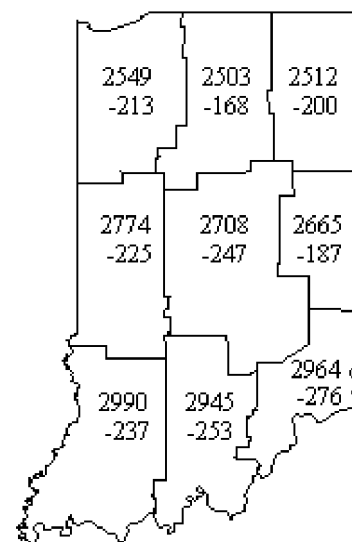
Rainfall for Past 4 Weeks
and Departure from Normal



Rainfall of 1 Inch or More
for Past 7 Days
as of Monday morning



Growing Degree Days
and Departure since April 1



Dessicant Use to Hasten Soybean Harvest

- Early Application Reduces Yield
- Application at Maturity Will Not Hasten Harvest

A number of inquiries have been received related to the use of dessicants or dry down agents to hasten soybean dry down and harvest. If a dessicant is applied prior to physiological maturity of the soybean plant, yield will be reduced. Furthermore, the plant will die prematurely, similar to freeze injury, resulting in green beans. Green soybeans could result in the heavy dockage or rejection of the soybeans at the elevator.

Once soybeans have reached physiological maturity, the application of a dessicant will not cause a yield reduction nor will it hasten dry down of the soybeans.

Once the plant dies, as a result of natural death caused by maturity or death caused by a freeze or the application of a dessicant, the amount of time required to dry down will be the same.

The ONLY time that a dessicant should be used is when a weed problem exists resulting in delayed harvest. In this case, the dessicant should not be applied until the soybeans have reached physiological maturity. If the dessicant is applied promptly at physiological maturity, the weeds and the soybeans should dry down at a similar rate resulting in harvest when the soybeans have dried to harvest moisture.

--Ellsworth Christmas, Agronomy Department, Purdue University

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