



# Indiana Crop & Weather Report

INDIANA AGRICULTURAL STATISTICS  
 U.S. DEPARTMENT OF AGRICULTURE  
 PURDUE UNIVERSITY  
 1148 AGAD BLDG, ROOM 223  
 WEST LAFAYETTE, IN 47907-1148  
 Phone (765)494-8371  
 Phone (800)363-0469  
 FAX (765)494-4315  
 FAX (800)363-0475

Released: Monday, 3PM

June 12, 2000

Vol. 50, #10

West Lafayette, IN 47907

## CROP REPORT FOR WEEK ENDING JUNE 11

Farmers took advantage of the favorable conditions last week to continue planting operations and other field activities, according to the Indiana Agricultural Statistics Service. Major activities were spraying and cultivating corn, cutting and baling hay, mowing roads, planting soybeans, along with post herbicide applications. Replanting was underway in some soybean fields. Farmers continued to monitor fields for insects.

### CORN AND SOYBEANS

Corn **condition** is rated 82 percent good to excellent compared with 82 percent last year at this time. Virtually all of the planted corn acreage has emerged. Ninety-eight percent of the **soybean** acreage is planted compared with 97 percent last year and far ahead of the 76 percent for the 5-year average. Soybean **condition** declined and is rated 64 percent good to excellent compared with 77 percent last year. By area, soybean planting is 98 percent complete in the north, 99 percent complete in the central and 95 percent complete in the south.

### WINTER WHEAT

Winter wheat **harvest** is underway in southwestern areas. One percent is harvested, on par with a year ago at this time. Winter wheat **condition** is rated 84 percent good to excellent compared with 81 percent at this time last year.

### OTHER CROPS

**Pasture condition** was rated 14 percent excellent, 52 percent good, 26 percent fair, 7 percent poor and 1 percent very poor. Transplanting of tobacco is 78 percent complete compared with 70 percent last year and 48 percent for the average. First cutting of alfalfa hay is 88 percent complete, on par with a year earlier, but ahead of the 57 percent for the average.

### DAYS SUITABLE and SOIL MOISTURE

For the week ending Friday, 5.4 days were rated **suitable for fieldwork**. **Topsoil moisture** was rated 3 very short, 22 percent short, 69 percent adequate and 6 percent surplus. **Subsoil moisture** was rated 9 percent very short, 39 percent short, 49 percent adequate and 3 percent surplus.

#### CROP PROGRESS

Crop	This Week	Last Week	Last Year	5-Year Avg
	Percent			
Wheat Harvested	1	0	1	0
Soybeans Planted	98	94	97	76
Soybeans Emerged	91	86	90	NA
Alfalfa, First Cutting	88	55	88	57
Tobacco Plants Set	78	63	70	48

#### CROP CONDITION

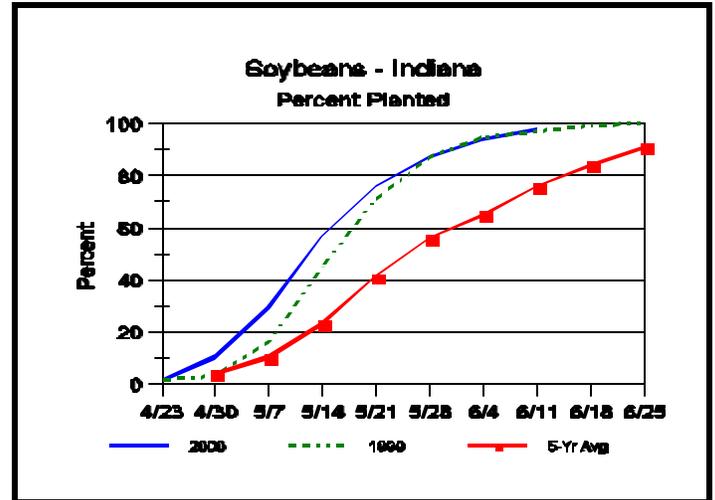
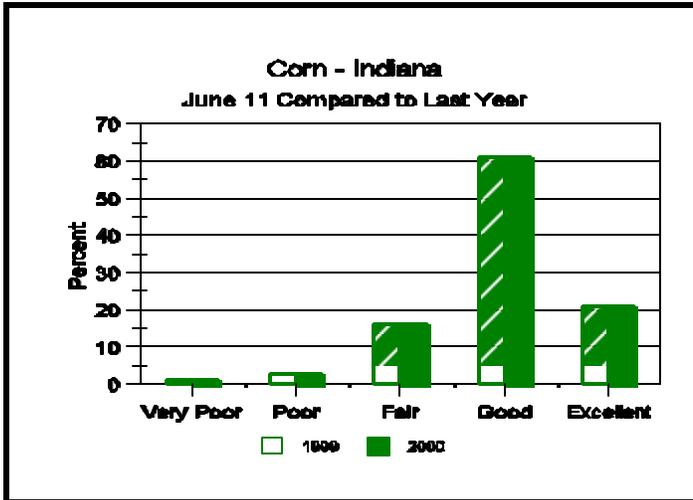
Crop	Very Poor	Poor	Fair	Good	Excellent
	Percent				
Corn	0	2	16	61	21
Soybeans	1	6	29	53	11
Winter Wheat 2000	0	2	14	59	25
Pasture	1	7	26	52	14

#### SOIL MOISTURE

	This Week	Last Week	Last Year
	Percent		
<b>Topsoil</b>			
Very Short	3	1	5
Short	22	9	28
Adequate	69	77	63
Surplus	6	13	4
<b>Subsoil</b>			
Very Short	9	7	4
Short	39	32	18
Adequate	49	58	74
Surplus	3	3	4

--Ralph W. Gann, State Statistician  
 --Bud Bever, Agricultural Statistician  
 E-Mail Address: [nass-in@nass.usda.gov](mailto:nass-in@nass.usda.gov)  
<http://info.aes.purdue.edu/agstat/nass.html>

# Crop Progress



## Double Crop Soybean Following Wheat

- The 2000 wheat harvest will be a little earlier than last year and about a week earlier than normal!
- Double crop soybean production **MAY** be possible North of the traditional double crop line in 2000

The 2000 wheat crop is developing at a rate slightly ahead of last year that will result in wheat harvest occurring about a week earlier than normal. The possibility of an early wheat harvest has raised a number of questions related to the geographic area of Indiana where double crop soybeans might be successful this year.

Before you jump into the double crop arena, you need to be able to answer several questions regarding the production of double crop soybeans.

1. Do you have the capability of harvesting wheat at 20-22 percent moisture and drying it to a moisture of 12.5 to 13 percent for market? If you have that capability, then it will be possible to plant double crop soybeans in 2000 from 10 to 12 days earlier than normal.

2. In addition to harvesting wheat at higher moisture levels, the combine should be equipped with a good chopper and chaff spreader to distribute the residue evenly over the soil. If the straw is to be removed, harvest the wheat so that at least 8 inches of stubble

is left after removal of the straw. This is very important to get the lower pods higher above the soil to prevent harvest loss.

3. Where is your farm located within the state? Using historical weather data and the assumption of an earlier wheat harvest this year of one week, the area of Indiana where double cropping of soybeans following wheat could be attempted would be South and West of a line from Brookville northwest to Warsaw and then West to Wheatfield. This is based on a 25 percent probability or one in four years of a 32 degree or lower temperature. A commonly used rule of thumb for a cutoff date to stop planting soybeans is 90 days prior to the first 32 degree frost for a given area within the state. The magical date for the Bluffton area in northeastern Indiana is June 30. While in the Lafayette area, the cutoff date is July 5. Soybean planting should cease in most of the southern half of Indiana by July 10, except for the southwest corner where planting can occur up to July 15.

4. Do you have the proper equipment for planting double crop soybeans? To be successful with double cropping, it is essential to use a good no-till drill capable of cutting through the residue, placing the seed at the proper depth and closing the opening to give good seed to soil contact. Under no condition should tillage be used, since this would result in the loss of precious soil moisture. A seeding rate of 225,000-250,000 seeds per acre is essential.

(Continued on Page 4.)

# Weather Data

**Week ending Sunday June 11, 2000**

Station	Past Week Weather Summary Data							Accumulation				
	Air Temperature				Precip.		Avg	April 1, 2000 thru June 11, 2000				
							4 in	Precipitation		GDD Base 50°F		
	Hi	Lo	Avg	DFN	Total	Days	Soil Temp	Total	DFN	Days	Total	DFN
<b>Northwest (1)</b>												
Valparaiso_Ag	89	43	67	-2	1.35	3		10.05	+0.68	35	609	-8
Wanatah	90	44	67	+0	0.50	2	67	8.28	-0.56	30	605	+39
Wheatfield	90	42	67	+0	0.85	2		9.14	+0.47	27	651	+56
Winamac	88	43	67	-2	0.59	2	68	8.82	+0.08	24	650	+1
<b>North Central (2)</b>												
Logansport	89	45	66	-4	0.81	3		6.72	-1.84	31	658	+9
Plymouth	90	42	65	-4	1.14	3		9.39	+0.21	31	578	-102
South_Bend	90	38	67	-2	1.08	3		9.40	+0.89	34	622	+26
Young_America	89	43	66	-3	0.51	3		7.19	-1.37	26	736	+87
<b>Northeast (3)</b>												
Bluffton	87	46	66	-3	1.00	4	67	8.37	-0.48	28	679	+9
Fort_Wayne	90	45	66	-3	2.01	4		8.85	+0.71	28	661	+32
<b>West Central (4)</b>												
Crawfordsville	89	42	66	-5	0.99	3	67	7.39	-2.08	26	641	-105
Perrysville	89	46	68	-2	0.80	3	71	7.97	-1.50	26	727	+16
Terre_Haute_Ag	94	46	70	-1	0.61	3	70	8.74	-0.89	25	863	+83
W_Lafayette_6NW	91	44	67	-2	0.43	3	67	6.38	-2.55	27	722	+66
<b>Central (5)</b>												
Castleton	88	46	68	-3	0.36	3		9.84	+0.52	34	754	+8
Greenfield	89	46	67	-3	0.40	4		10.33	+0.81	33	765	+51
Greensburg	90	46	68	-2	0.38	3		10.33	+0.12	34	785	+67
Indianapolis_AP	89	46	68	-3	0.34	2		9.15	+0.22	28	819	+49
Indianapolis_SE	89	44	69	-2	0.19	3		8.34	-0.98	25	758	+12
Tipton_Ag	88	44	65	-5	0.65	3	67	7.57	-1.38	25	631	+16
<b>East Central (6)</b>												
Farmland	89	44	67	-1	0.50	2	63	10.73	+1.84	31	690	+98
New_Castle	89	44	65	-4	0.48	3		9.01	-0.94	29	573	-37
<b>Southwest (7)</b>												
Dubois_Ag	90	45	70	-2	0.50	3	72	7.74	-2.84	32	902	+98
Evansville	93	46	70	-4	0.00	0		4.98	-5.11	27	988	+24
Freelandville	90	48	69	-3	0.17	2		8.01	-2.31	23	864	+45
Shoals	91	43	68	-3	0.38	3		8.18	-2.70	31	808	+23
Vincennes_5NE	90	44	69	-3	0.32	3	70	7.32	-3.00	28	855	+36
<b>South Central (8)</b>												
Bloomington	90	44	67	-4	0.32	2		8.59	-1.39	25	783	-15
Tell_City	90	49	69	-4	0.14	1		7.99	-3.10	24	924	+25
<b>Southeast (9)</b>												
Scottsburg	92	44	69	-2	0.18	1		8.39	-1.59	22	883	+65

DFN = Departure From Normal (Using 1961-90 Normals Period).

GDD = Growing Degree Days.

Precipitation (rain or melted snow/ice) in inches.

Precipitation Days = Days with precipitation of 0.01 inch or more.

Air Temperatures in Degrees Fahrenheit.

Copyright 2000: AWIS, Inc. All Rights Reserved.

The above weather information is provided by AWIS, Inc.  
For detailed ag weather forecasts and data visit the AWIS home page at  
[www.awis.com](http://www.awis.com) or call toll free at 1-888-798-9955.

## Double Crop (continued)

---

5. What maturity group is best for double crop soybeans? I would recommend a variety with a maturity one-half group earlier than a full season variety in your area. For example, if a Group 3.5 is considered a full season soybean for your area, then use a variety with a maturity of 3.0.

6. Use a burn down herbicide to kill all green vegetation in the field at the time of planting along with a product to give control during the balance of the season.

7. If the soil moisture is not adequate to germinate the soybeans, do not plant.

8. Push your pencil real hard to determine the total costs that will be involved in the production of the double crop soybeans. I would suggest that you use your county loan rate as the target price, which would be in the vicinity of \$5.26 per bushel. If your cost figures require a yield that is not attainable, do not plant.

9. Remember, double crop soybean production at the northern edge of the double crop zone is very risky!!

--Ellsworth P. Christmas, Purdue University

The INDIANA CROP WEATHER REPORT (USPS 675-770), (ISSN 0442-817X) is issued weekly April through November by the Indiana Agricultural Statistics Service, Purdue University, 1148 AgAd Bldg, Rm 223, West Lafayette IN 47907-1148. Second Class postage paid at Lafayette IN. For information on subscribing, send request to above address. POSTMASTER: Send address change to the Indiana Agricultural Statistics Service, Purdue University, 1148 AgAd Bldg, Rm 223, West Lafayette IN 47907-1148.

---