



Indiana Crop & Weather Report

INDIANA AGRICULTURAL STATISTICS
U.S. DEPARTMENT OF AGRICULTURE

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CROP REPORT FOR WEEK ENDING OCTOBER 25

Harvest is advancing rapidly, according to the Indiana Agricultural Statistics Service. Excellent conditions have soybean harvest running about a week ahead of average, and corn harvest nearly 10 days ahead of normal. Many areas of the state experienced a hard frost late in the week, which should further improve harvest activities. Fall tillage operations are also underway, as some farmers have already completed harvest.

CORN

Sixty-eight percent of the **corn** acreage has been **harvested**, well ahead of 46 percent for both last year and the 5-year average. By region, 67 percent has been harvested in the north, 69 percent in the central, and 69 percent in the south. **Moisture** content of harvested corn is averaging around 17 percent.

SOYBEANS

Eighty-nine percent of the **soybean** acreage has been **harvested**, behind 92 percent last year but ahead of the 84 percent average. By region, 92 percent has been harvested in the north, 92 percent in the central, and 75 percent in the south. **Moisture** content of harvested soybeans is currently averaging around 12 percent.

WINTER WHEAT

Eighty-two percent of the **winter wheat** acreage has been **seeded**, equal to the average for this date. Fifty-four percent of the crop is **emerged**, behind 60 percent last year and equal to average. **Condition** of the crop is rated 67 percent good to excellent, compared to 53 percent at this time last year.

OTHER CROPS

Pasture condition is rated 2 percent excellent, 31 percent good, 41 percent fair, 21 percent poor and 5 percent very poor. **Tobacco harvest** is 98 percent complete, compared with 97 percent last year and the 99 percent average.

DAYS SUITABLE and SOIL MOISTURE

For the week ending Friday, 5.6 days were rated **suitable for fieldwork**. **Topsoil moisture** was rated 5 percent very short, 22 percent short, 71 percent adequate, and 2 percent surplus. **Subsoil moisture** was rated 8 percent very short, 31 percent short, 59 percent adequate, and 2 percent surplus.

CROP PROGRESS

Crop	This Week	Last Week	Last Year	5-Year Avg
				Percent
Corn Harvested	68	45	46	46
Soybeans Harvested	89	74	92	84
Wheat Planted	82	62	90	82
Wheat Emerged	54	31	60	54

CROP CONDITION

Crop	Very Poor	Poor	Fair	Good	Excel- lent
					Percent
Winter Wheat	0	2	31	57	10
Pasture	5	21	41	31	2

SOIL MOISTURE

	This Week	Last Week	Last Year
			Percent
Topsoil			
Very Short	5	7	15
Short	22	29	45
Adequate	71	62	39
Surplus	2	2	1
Subsoil			
Very Short	8	12	17
Short	31	33	42
Adequate	59	54	40
Surplus	2	1	1

--Ralph W. Gann, State Statistician

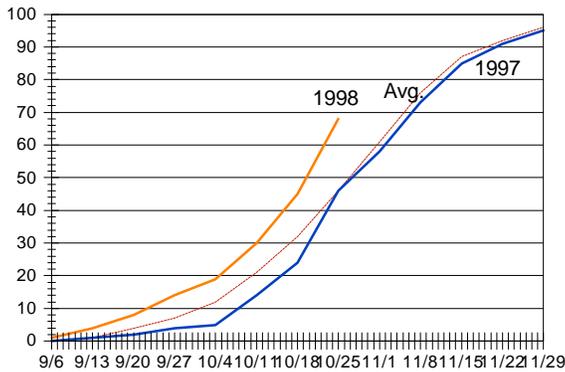
--Lance Honig, Agricultural Statistician

E-Mail Address: nass-in@nass.usda.gov

<http://info.aes.purdue.edu/agstat/nass.html>

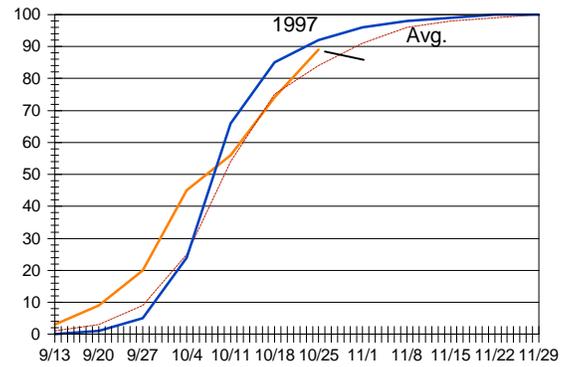
Crop Progress

% Corn Harvested - Indiana



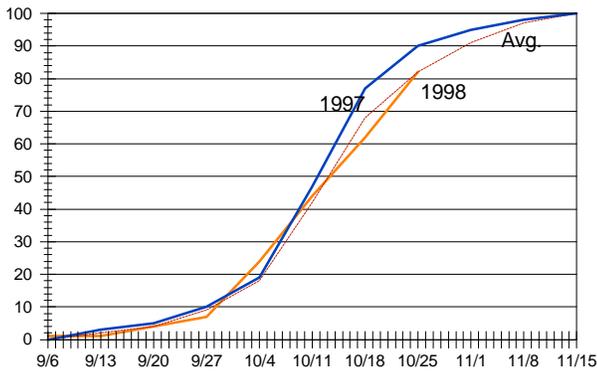
Source: Indiana Agricultural Statistics Service

% Soybean Harvested - Indiana



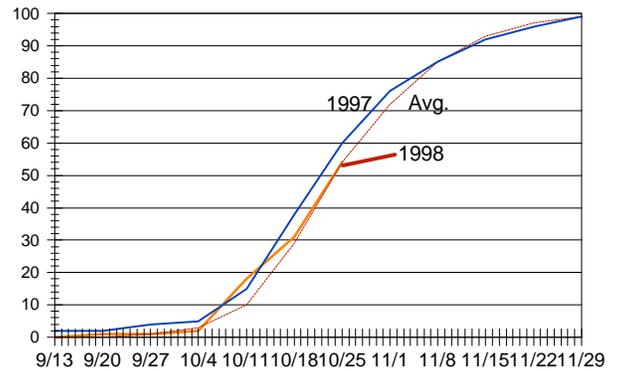
Source: Indiana Agricultural Statistics Service

% Wheat Seeded - Indiana



Source: Indiana Agricultural Statistics Service

% Wheat Emerged - Indiana



Source: Indiana Agricultural Statistics Service

Wheat-Double Crop Soybeans Worth Consideration

Many Indiana producers have been successful over the years in producing wheat followed by double crop soybeans. With the current tight financial position in agriculture, this may be a good year to consider wheat and double crop soybeans in the southern half of the state. The sale of wheat early next summer will give some much needed cash flow and in most years, the combination of winter wheat and double crop soybeans will give a higher net income per acre than either crop grown separately.

There is still adequate time to plant winter wheat this fall in southern Indiana and with the recent rains, germination and growth should be rapid. Success with double crop soybeans begins with winter wheat.

Some key points to remember with respect to successful winter wheat production are:

- 1) use a seeding rate of 35 seeds per square foot (1.5 - 1.6 million seeds per acre),
- 2) place the seed at a uniform depth of 1 to 1 1/2 inches,
- 3) limit fall nitrogen rate to no more than 30 pounds per acre, and
- 4) apply 40 to 50 pounds of P²O⁵ per acre at time of seeding (if soil test level is adequate).

Nitrogen and phosphate fertilizer is easily applied using around 100-120 pounds per acre of diammonium phosphate (18-46-0). Wheat should be planted as soon as possible since yield loss from late planting can be 25 percent or more.

(Continued on Page 4.)

Weather Data

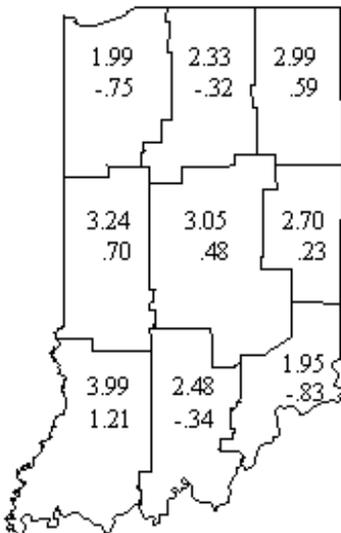
Average Daily Values for week ending Monday morning October 26, 1998

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	63	35	+0	.06	22.30	-3.20	48	3292	+415
	Kentland	63	37	-1	.00	26.79	+1.75	48	3653	+442
	Winamac	62	36	+0	.03	26.02	+1.45	46	3531	+506
NC	South Bend	59	38	-1	.00	22.23	-2.52	35	3470	+515
	Waterford Mills	61	35	-2	.00	26.30	+2.99	41	3490	+496
NE	Prairie Heights	61	36	+1	.00	22.90	-.95	42	3515	+840
	Columbia City	60	35	-1	.10	24.34	+.44	40	3397	+510
	Fort Wayne	61	37	-1	.07	27.98	+6.07	42	3525	+416
	Bluffton	61	37	-2	.03	27.58	+4.25	43	3592	+403
WC	West Lafayette	63	37	+0	.00	27.93	+3.65	50	3669	+560
	Perrysville	63	36	-3	.00	33.28	+6.47	49	3793	+221
	Crawfordsville	62	35	-2	.00	31.28	+7.67	47	3612	+475
	Terre Haute 8s	63	38	-2	.05	31.52	+5.50	50	4141	+649
C	Tipton	61	36	-1	.00	34.58	+9.57	42	3436	+394
	Indianapolis	63	39	-1	.10	34.25	+9.90	48	3928	+479
	Indian Creek	63	37	-1	.04	30.50	+5.40	50	3928	+648
EC	Farmland	62	36	-1	.00	27.67	+3.91	44	3539	+579
	Liberty	62	33	-3	.08	26.83	+1.06	45	3670	+384
SW	Vincennes	64	36	-3	.02	33.53	+7.89	53	4086	+514
	Dubois	64	35	-4	.04	31.43	+3.28	52	3978	+462
	Evansville	67	39	-2	.00	27.69	+2.91	62	4363	+445
SC	Bedford	62	34	-3	.01	37.30	+10.58	47	3868	+483
	Louisville	65	41	-2	.03	30.65	+4.87	57	4534	+645
SE	Butlerville	63	31	-7	.01	36.06	+10.60	50	3812	+192

DN = departure from normal.

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

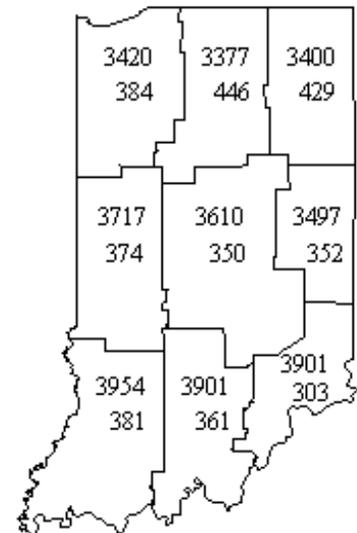
Rainfall for Past 4 Weeks and Departure from Normal



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



Growing Degree Days and Departure since April 1



Double Crop (continued)

Plan to harvest the wheat at about 20 percent moisture and dry with air to permit planting of the double crop soybeans a few days earlier. The double crop soybeans should be planted as soon as the wheat is harvested with a no-till drill to prevent loss of soil moisture. All green vegetation should be killed with a burndown herbicide either before planting or immediately thereafter. The seeding rate for double crop soybeans should be increased to 225,000 to 250,000 seeds per acre. If soybean cyst nematode is present, then plant a cyst resistant variety. Soil should be checked in the fall or early winter for the presence of cyst nematode. Analysis of samples is free to Indiana soybean producers through the Nematode Testing Program, SWPAP, RR 6 Box 139A, Vincennes, IN 47591.

--Charles Mansfield and Ellsworth Christmas, Purdue Extension Agronomists

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