



Indiana Crop & Weather Report

United States Dept of Agriculture

Indiana Agricultural
Statistics Service

1435 Win Hentschel Blvd.
Suite B105

West Lafayette, IN 47906-4145
(765) 494-8371

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CROP REPORT FOR WEEK ENDING SEPTEMBER 8

AGRICULTURAL SUMMARY

Another week of hot, dry weather pushed major crops toward maturity. There have been many days with afternoon temperatures in the mid-eighty to ninety degree range this summer, causing stress to crops and livestock. Corn harvest continued in a few early maturing fields, according to the Indiana Agricultural Statistics Service. There was very little precipitation during the week, except for some pop up showers in a few isolated areas. Chopping corn for silage continued and some soybean fields are being cut for hay. Soil conditions are very dry in most areas of the state. The most critical areas for soil moisture deficiency are in the northeast, east central, southwest, south central and southeast regions of the state.

FIELD CROPS REPORT

There were 7.0 **days suitable for fieldwork**. Corn **condition** is rated 28 percent good to excellent compared with 30 percent last week and 73 percent last year at this time. Ninety-four percent of the corn acreage has reached the **dough** stage compared with 100 percent last year and 98 percent for the average. Sixty-four percent of the corn acreage has reached the **dent** stage compared with 96 percent last year and 83 percent for the average. By area, 57 percent of the corn acreage is in the dent stage in the north, 68 percent in the central regions and 70 percent in the south. Twenty percent of the corn crop is **mature** compared with 42 percent last year and 33 percent for the 5-year average.

Soybean **condition** is rated 32 percent good to excellent compared with 38 percent last week and 72 percent a year earlier. Virtually all of the soybean acreage is **setting pods**. Eighteen percent of the soybean acreage is **shedding leaves** compared with 35 percent last year and 34 percent for the average.

Other activities during the week included baling hay, moving grain to market, harvesting seed corn, preparing equipment, cleaning up grain bins, FSA paperwork and taking care of livestock.

LIVESTOCK, PASTURE AND RANGE REPORT

Pasture condition is rated 6 percent good, 24 percent fair, 30 percent poor and 40 percent very poor. Pastures continue to dry up in most regions of the state. Third cutting of **alfalfa** hay is 77 percent complete compared with 100 percent last year and 88 percent for the average. **Tobacco** harvest is 44 percent complete compared with 60 percent last year and 50 percent for the average. Feeding of hay continued on many livestock farms.

CROP PROGRESS TABLE

Crop	This Week	Last Week	Last Year	5-Year Avg
Corn in Dough	94	86	100	98
Corn in Dent	64	43	96	83
Corn Mature	20	6	42	33
Soybeans Shedding Lvs	18	11	35	34
Alfalfa Third Cutting	77	70	100	88
Tobacco Harvested	44	25	60	50

CROP CONDITION TABLE

Crop	Very Poor	Poor	Fair	Good	Excellent
Corn	18	24	30	26	2
Soybean	13	20	35	29	3
Pasture	40	30	24	6	0

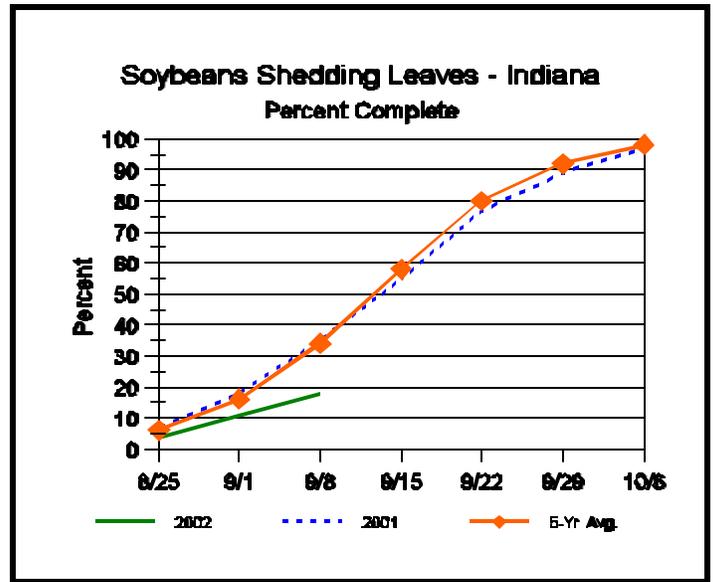
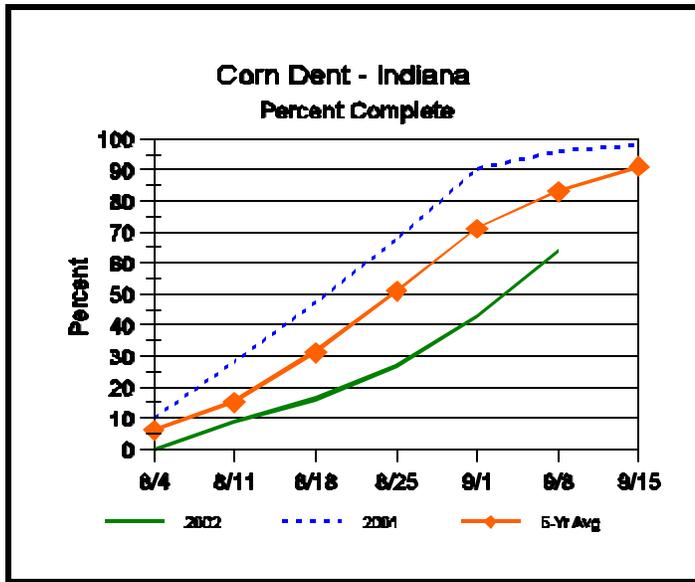
SOIL MOISTURE & DAYS SUITABLE FOR FIELDWORK TABLE

	This Week	Last Week	Last Year
Topsoil			
Very Short	46	34	4
Short	41	37	18
Adequate	13	29	72
Surplus	0	0	6
Subsoil			
Very Short	42	36	9
Short	40	38	26
Adequate	18	26	62
Surplus	0	0	3
Days Suitable	7.0	6.7	6.1

CONTACT INFORMATION

--Ralph W. Gann, State Statistician
 --Bud Bever, Agricultural Statistician
 E-Mail Address: nass-in@nass.usda.gov
<http://www.nass.usda.gov/in/index.htm>

Crop Progress



Other Agricultural Comments And News

Grain Bin Clean-Up

- Stored grain insect infestations usually begin from poor sanitation
- Procedures are given to prevent infestations
- Now is the time to carry out bin clean-up procedures

Many grain bins have recently been emptied with higher market prices and preparation for this year's harvest. Storage facilities should be readied for corn that will likely carryover to next spring or summer. Preparing bins for storage now goes a long way toward preventing insect infestations. Several species of insects may infest grain in storage. The principal insects that cause damage are the adult and larval stages of beetles, and the larval stage of moths. Damage by these insects includes reducing grain weight and nutritional value, and by causing contamination (as live or dead insects), odor, mold, and heat damage that reduce the quality of grain.

Newly harvested corn may become infested with insects when it comes in contact with previously infested grain in combines, truck beds, wagons, other grain-handling equipment, augers, bucket lifts, grain dumps, or grain already in the bin. Insects may also crawl or fly into grain bins from nearby accumulations of old contaminated grain, livestock feeds, bags, litter, any other cereal products, or rodent burrows.

Insect infestations can be prevented by employing good management practices. Now that many grain bins are empty, the following guidelines should be used before the 2002-grain is placed in bins:

- Brush, sweep out, and/or vacuum the combine, truck beds, transport wagons, grain dumps, augers, and elevator buckets to remove insect-infested grain and debris.
- In empty bins, thoroughly sweep or brush down walls, ceilings, ledges, rafters, braces, and handling equipment and remove debris from bins.
- Inside cleaned bins, spray wall surfaces, ledges, braces, rafters, and floors with an approved insecticide (Chlorpyrifos-methyl, cyfluthrin, or diatomaceous earth) to create a perimeter barrier. Outside, complete this barrier by treating the bases and walls up to 15 feet high, plus the soil around the bins.
- Remove all debris from fans, exhausts, and aeration ducts (also from beneath slotted floors, when possible). Fumigate the false floor area if the bin has a history of insect infestation or you have not cleaned the false floor area recently. Only certified fumigation applicators may purchase and apply these.

(Continued on Page 4)

Weather Information Table

Week ending Sunday September 8, 2002

Station	Past Week Weather Summary Data							Accumulation				
	Air				Precip.	4 in	Avg	April 1, 2002 thru				
	Temperature							Soil	September 8, 2002			GDD Base 50°F
	Hi	Lo	Avg	DFN	Total	Days	Temp		Total	DFN	Days	
Northwest (1)												
Chalmers_5W	96	49	72	+4	0.08	1		17.29	-2.75	61	2825	+119
Valparaiso_AP_I	91	53	72	+5	0.55	1		17.08	-3.89	59	2823	+350
Wanatah	93	48	70	+4	0.43	1	80	17.63	-2.76	64	2686	+319
Wheatfield	92	50	71	+5	0.59	1		20.21	+0.33	49	2734	+312
Winamac	91	53	72	+6	0.17	1	77	18.95	-1.12	57	2757	+263
North Central(2)												
Plymouth	92	53	71	+3	0.01	1		17.81	-2.44	62	2640	+22
South_Bend	92	51	72	+6	0.11	1		15.15	-4.49	59	2791	+331
Young_America	91	51	72	+4	0.00	0		20.28	+1.02	54	2855	+286
Northeast (3)												
Columbia_City	92	49	71	+5	0.15	2	76	16.89	-2.46	58	2618	+272
Fort_Wayne	91	52	72	+4	0.00	0		18.37	+0.36	52	2835	+264
West Central (4)												
Greencastle	91	49	71	+2	0.00	0		25.31	+2.75	54	2786	-106
Perrysville	90	50	72	+4	0.00	0	77	27.19	+5.78	56	2931	+236
Spencer_Ag	94	53	74	+6	0.00	0		26.98	+3.97	57	2980	+255
Terre_Haute_AFB	92	49	74	+4	0.00	0		30.14	+8.84	56	3179	+306
W_Lafayette_6NW	91	47	72	+4	0.00	0	80	24.07	+4.09	63	2889	+333
Central (5)												
Eagle_Creek_AP	93	58	76	+7	0.00	0		21.04	+0.94	59	3169	+318
Greenfield	93	55	75	+6	0.00	0		27.96	+5.90	60	3000	+264
Indianapolis_AP	94	58	77	+8	0.00	0		19.29	-0.81	52	3289	+438
Indianapolis_SE	93	51	74	+5	0.00	0		22.85	+2.19	50	2993	+154
Tipton_Ag	92	52	72	+6	0.00	0	78	19.30	-0.99	54	2766	+283
East Central (6)												
Farmland	94	50	72	+6	0.00	0	75	17.72	-1.97	57	2857	+432
New_Castle	91	52	72	+5	0.03	1		20.84	-0.36	50	2577	+92
Southwest (7)												
Evansville	96	57	79	+8	0.22	1		19.58	-0.63	44	3685	+381
Freelandville	93	59	77	+7	0.00	0		22.28	+1.21	47	3363	+395
Shoals	95	55	77	+7	0.00	0		21.30	-1.57	44	3240	+365
Stendal	95	59	79	+8	0.00	0		23.46	+0.75	47	3498	+380
Vincennes_5NE	98	56	78	+8	0.00	0	79	23.85	+2.78	56	3438	+470
South Central(8)												
Leavenworth	94	58	77	+7	0.00	0		21.25	-2.13	48	3329	+470
Oolitic	96	56	77	+8	0.02	1	79	24.17	+2.13	55	3173	+423
Tell_City	96	59	80	+8	0.00	0		21.10	-2.14	38	3794	+618
Southeast (9)												
Brookville	98	56	77	+9	0.13	2		20.34	-1.05	50	3228	+615
Milan_5NE	94	56	76	+7	0.00	0		26.26	+4.87	59	2874	+261
Scottsburg	95	52	76	+6	0.15	1		23.45	+1.66	54	3176	+221

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

GDD = Growing Degree Days.

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

Precipitation Days = Days with precip of .01 inch or more.

Air Temperatures in Degrees Fahrenheit.

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Grain Bin Clean-Up (Continued)

- Remove all debris from the storage site and dispose of it properly according to area, state, and/or federal guidelines (the debris usually contains insect eggs, larvae, pupae, and/or adults, ready to infest the newly harvested grain).
- Remove all vegetation growing within ten feet of the bins (preferably the whole storage area). Then spray the cleaned area around bins with a residual herbicide to remove all undesirable weedy plants.
- Repair and seal all damaged areas to the grain storage structure. This is not only to prevent insect migration into the bin, but also to prevent water leakage, which leads to mold growth.
- Do not store newly harvested grain on old grain already in storage.
- Whenever fans are not operated, they should be covered and sealed. This reduces the opportunity for insects and vertebrates to enter the bin through the aeration system.

Linda Mason and John Obermeyer, Department of Entomology, Purdue University.

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