USDA, National Agricultural Statistics Service

Indiana Crop & Weather Report

USDA, NASS, Indiana Field Office
1435 Win Hentschel Blvd.
Suite B105
West Lafayette, IN 47906-4145
(765) 494-8371
nass-in@nass.usda.gov

Released: July 10, 2006
Vol. 56, No. 28

CROP REPORT FOR WEEK ENDING JULY 9

AGRICULTURAL SUMMARY

Winter wheat harvest made good progress in central and northern areas of the state, according to the Indiana Field Office of USDA's National Agricultural Statistics Service. The corn crop is reported to be very uneven in development, with some only knee high and some already tasseling. Soybean plant development also varies greatly with some fields blooming to some fields just emerging due to replanting. Irrigation systems were running in some northwest and north central areas as rain showers have been spotty.

FIELD CROPS REPORT

There were 5.9 **days suitable for field work**. **Corn condition** is rated 60 percent good to excellent compared with 34 percent last year at this time. Thirteen percent of the corn acreage has **silked** compared to 28 percent last year and 24 percent for the 5-year average. **Soybean condition** is rated 59 percent good to excellent compared with 37 percent last year at this time. Twelve percent of the soybean acreage is **blooming** compared to 43 percent last year and 27 percent for the 5-year average.

Harvest of **winter wheat** is 70 percent complete compared to 81 percent last year and 74 percent for the 5-year average. By area, wheat harvest is 45 percent complete in the north, 75 percent in the central, and 94 percent in the south. **Second cutting** of **alfalfa hay** is 53 percent complete.

Major activities during the week included: attending county fairs, spraying chemicals, baling hay and straw, and mowing roadsides and ditches.

LIVESTOCK, PASTURE AND RANGE REPORT

Pasture condition is rated 9 percent excellent, 66 percent good, 20 percent fair, 4 percent poor and 1 percent very poor. Livestock are under very little stress.

CROP PROGRESS TABLE

Crop	This Week	Last Week	Last Year	5-Year Avg
	Percent			
Corn Silked	13	NA	28	24
Soybeans Blooming	12	NA	43	27
Winter Wheat Harvested	70	37	81	74
Alfalfa Second Cutting	53	28	64	41

CROP CONDITION TABLE

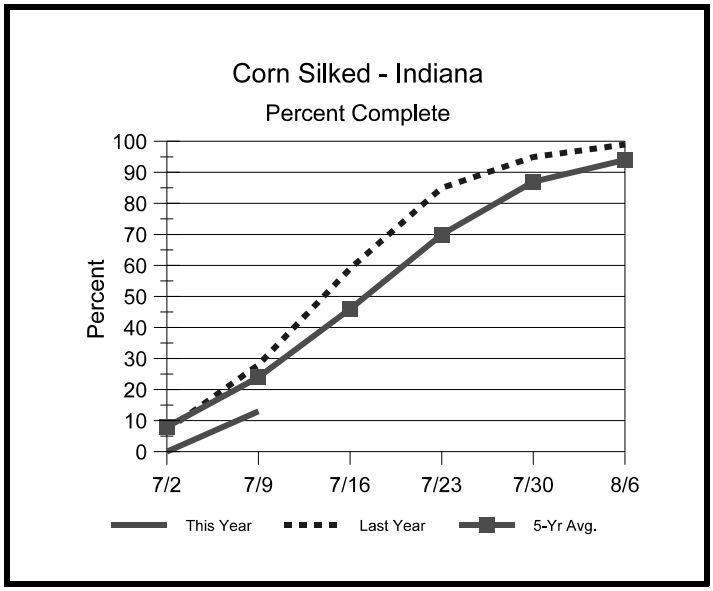
Crop	Very Poor	Poor	Fair	Good	Excel-lent
	Percent				
Corn	3	8	29	48	12
Soybeans	3	7	31	51	8
Pasture	1	4	20	66	9

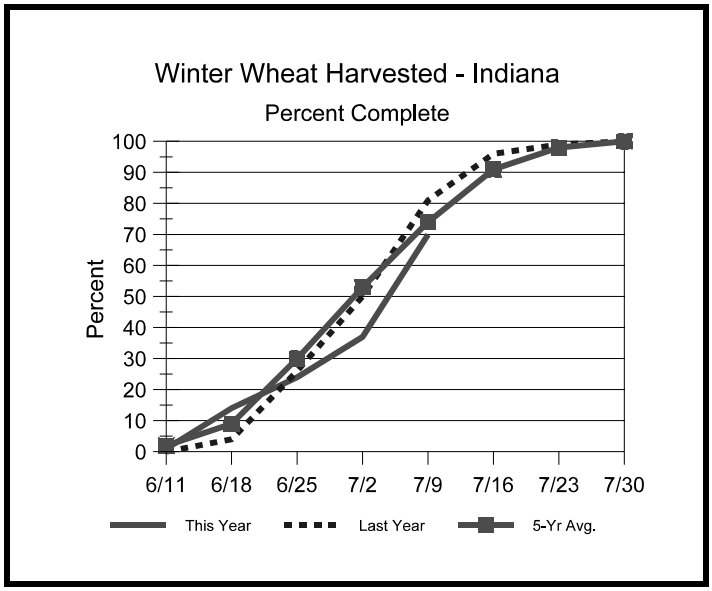
SOIL MOISTURE & DAYS SUITABLE FOR FIELDWORK TABLE

	This Week	Last Week	Last Year
	Percent		
Topsoil			
Very Short	4	3	37
Short	19	13	45
Adequate	70	68	18
Surplus	7	16	0
Subsoil			
Very Short	3	2	24
Short	15	10	47
Adequate	74	71	29
Surplus	8	17	0
Days Suitable	5.9	5.0	6.8

CONTACT INFORMATION

--Greg Preston, Director
--Andy Higgins, Agricultural Statistician
E-Mail Address: nass-in@nass.usda.gov
http://www.nass.usda.gov/Statistics_by_State/Indiana





Other Agricultural Comments And News

Herbicide Resistance Screening Available at Michigan State University Diagnostic Services

Herbicide resistance in weeds is a growing concern for growers, due largely to the recent occurrence and spread of glyphosate-resistant horseweed and occasional failures to control giant ragweed and common lambsquarters in Roundup Ready crops. Currently, there are more than 180 weed species resistant to one or more herbicides in the world. These weeds have developed resistance to very effective herbicides in field, vegetable and fruit crops, as well as tree plantations and nurseries.

Confirming herbicide-resistant weed populations is the first step of any resistance management program. Verification will provide producers with the knowledge to implement the best possible management strategies, with the ultimate goal of preventing or limiting the spread of herbicide-resistant weeds.

For 2006, Purdue University weed scientists will continue screening weed samples for tolerance to glyphosate, but not other herbicides. Samples can be sent to:

Bill Johnson or Glenn Nice
Department of Botany and Plant Pathology
Lilly Hall of Life Sciences
915 West State Street
West Lafayette, IN 47907

There is no charge for this service and the cost is covered by a grant from the Indiana Soybean Board for this year. In 2007, it is unlikely that we will be able to do this for free.

Sampling Procedures:

1. Send either mature seeds or seedheads.
2. Collect seed or seedheads from 20 to 40 widely plants through the field.
3. Air dry seed/seedheads prior to packaging to prevent mold.
4. Label the package containing the seed or seedheads with the sample reference, name, and location.
5. Mail the samples and the survey form together to the address listed above.

This address will take you to a Herbicide Resistant Weed Screen form: <http://www.btny.purdue.edu/weedscience/2003/Articles/sform9-2-03.pdf>.

If herbicide resistance to herbicides other than glyphosate is suspected in any weed species,

(Continued on Page 4)

Weather Information Table

Week ending Sunday July 9, 2006

Station	Past Week Weather Summary Data: Air Temperature Hi	Lo	Avg	DFN	Precip. Total	Days	Avg 4 in Soil Temp	Accumulation April 1, 2006 thru July 9, 2006: Precipitation Total	DFN	Days	GDD Base 50°F Total	DFN
Northwest (1)												
Chalmers_5W	93	51	72	-3	1.88	3		14.89	+2.54	34	1261	-87
Francesville	88	52	70	-4	1.63	2		15.77	+3.20	38	1211	-12
Valparaiso_AP_I	87	52	70	-3	0.19	2		7.41	-5.86	28	1252	+65
Wanatah	88	49	69	-4	0.41	2	77	9.47	-3.19	33	1114	-14
Winamac	89	51	70	-4	0.62	2	75	11.20	-1.37	31	1221	-2
North Central(2)												
Plymouth	89	51	69	-5	0.47	2		10.19	-2.93	37	1136	-139
South_Bend	83	53	70	-3	0.23	3		9.92	-2.40	38	1217	+47
Young_America	89	53	71	-4	2.01	4		15.80	+3.74	40	1290	+49
Northeast (3)												
Columbia_City	87	53	70	-2	0.65	2	69	12.43	+0.02	40	1131	+21
Fort_Wayne	88	54	71	-4	1.81	3		15.03	+3.59	40	1249	+18
West Central(4)												
Greencastle	91	50	71	-5	0.32	3		15.43	+1.77	38	1268	-164
Perrysville	94	52	73	-3	1.51	3	76	12.18	-1.26	38	1442	+111
Spencer_Ag	92	51	71	-4	0.37	2		16.05	+1.84	45	1361	+33
Terre_Haute_AFB	93	49	73	-3	0.14	3		11.69	-1.62	38	1489	+63
W_Lafayette_6NW	92	50	71	-3	2.48	3	76	13.46	+1.06	40	1336	+89
Central (5)												
Eagle_Creek_AP	90	58	73	-2	0.18	2		15.64	+3.21	43	1462	+49
Greenfield	90	55	70	-5	0.13	2		17.70	+4.40	45	1283	-54
Indianapolis_AP	90	56	73	-2	0.13	3		14.95	+2.52	44	1476	+63
Indianapolis_SE	90	51	71	-4	0.21	2		16.24	+3.52	42	1265	-123
Tipton_Ag	90	52	70	-4	0.51	3	77	16.39	+4.01	48	1178	-24
East Central(6)												
Farmland	90	51	69	-4	0.87	2	75	15.90	+3.28	45	1138	-23
New_Castle	90	52	71	-3	0.10	3		15.74	+2.05	42	1210	+19
Southwest (7)												
Evansville	95	57	75	-3	0.53	1		13.86	+0.45	36	1780	+89
Freelandville	93	58	75	-2	0.04	1		11.52	-2.31	35	1601	+115
Shoals	94	51	73	-3	0.00	0		17.72	+2.92	38	1520	+98
Stendal	95	56	76	-1	0.40	1		16.91	+1.90	37	1771	+198
Vincennes_5NE	94	55	74	-2	0.00	0		17.96	+4.13	44	1623	+137
South Central(8)												
Leavenworth	94	56	74	-2	1.73	2		19.99	+5.02	47	1550	+127
Oolitic	92	54	73	-3	0.42	1	78	14.10	+0.06	38	1356	+10
Tell_City	94	57	76	-2	0.49	1		18.68	+3.63	39	1781	+192
Southeast (9)												
Brookville	94	53	73	+0	0.06	1		14.35	+1.01	38	1388	+135
Greensburg	94	55	74	+1	0.05	1		16.49	+2.85	41	1469	+148
Scottsburg	92	52	74	-2	0.54	2		19.50	+5.77	43	1540	+66

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.

Copyright 2006: Agricultural Weather Information Service, 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

Herbicide Resistance Screening Available at Michigan State University Diagnostic Services (Continued)

samples may be submitted to MSU Diagnostic Services for a resistance screen. In most circumstances, a whole plant pot assay established from seed will be the standard test for herbicide resistance confirmation. Mature, high quality seed or seedheads should be collected from suspicious plants in late summer or fall and submitted in a paper bag or envelope. Do not seal plants or seed in plastic!

Fees associated with herbicide-resistant weed testing for fields in Indiana are $75 per sample per herbicide site of action (i.e., ACCase inhibitors, ALS inhibitors, Photosynthesis inhibitors). Each additional site of action is $30 per sample. Samples submitted from Michigan producers are $50 per site of action and $20 for each additional site of action.

Please contact Steven Gower (517-432-9693, sgower@msu.edu) with any questions regarding resistance confirmation or sample collection. Samples can be mailed to:

Michigan State University
Diagnostic Services
101 Center for Integrated Plant Systems
East Lansing, MI 48824-1311
Attn: Steven Gower

Steven Gower, Michigan State University and Bill Johnson, Purdue University

The INDIANA CROP & WEATHER REPORT (USPS 675-770), (ISSN 0442-817X) is issued weekly April through November by the USDA, NASS, Indiana Field Office, 1435 Win Hentschel Blvd, Suite B105, West Lafayette IN 47906-4145. Second Class postage paid at Lafayette IN. For information on subscribing, send request to above address. POSTMASTER: Send address change to the USDA, NASS, Indiana Field Office, 1435 Win Hentschel Blvd, Suite B105, West Lafayette IN 47906-4145.