



Indiana Crop & Weather Report

INDIANA AGRICULTURAL STATISTICS
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CROP REPORT FOR WEEK ENDING APRIL 25

Rain and wet soil conditions hindered field activities in most areas of the state last week, according to the Indiana Agricultural Statistics Service. Farmers in the southern regions were able to accomplish some fieldwork. Spraying took place on soils dry enough to support heavy equipment. Emergence has been slow in early planted corn and soybean fields. Soils are saturated in many central and northern area fields. Ponding is a problem.

CORN AND SOYBEANS

Five percent of the intended **corn** acreage has been planted compared with 3 percent last year and the 5-year average of 9 percent. By area, corn planting is 3 percent complete in the north, 8 percent complete in the central and 6 percent complete in the south.

Soybean planting is 2 percent complete, compared with 1 percent last year.

WINTER WHEAT

Seventy-eight percent of the **winter wheat** acreage is **jointed**, compared with 84 percent last year and 48 percent for the 5-year average. One percent of the wheat crop is **headed**, primarily in the southwestern portion of the state. Winter wheat **condition** is rated 81 percent good to excellent, compared with 85 percent at this time a year ago.

OTHER CROPS

Pasture condition was rated 14 percent excellent, 62 percent good, 21 percent fair, and 3 percent poor. Livestock are in mostly good condition. Cool wet weather has placed some stress on livestock and calving activities.

DAYS SUITABLE and SOIL MOISTURE

For the week ending Friday, 1.2 days were rated **suitable for fieldwork**. **Topsoil moisture** was rated 2 percent short, 45 percent adequate and 53 percent surplus. **Subsoil moisture** was rated 5 percent short, 62 percent adequate and 33 percent surplus.

CROP PROGRESS

Crop	This Week	Last Week	Last Year	5-Year Avg
				Percent
Corn Planted	5	4	3	9
Soybeans Planted	2	1	1	NA
Wheat Jointed	78	52	84	48

CROP CONDITION

Crop	Very Poor	Poor	Fair	Good	Excel-
					lent
Percent					
Winter Wheat	0	3	16	59	22
Winter Wheat	0	2	14	59	25
Winter Wheat	0	2	13	58	27
Pasture	0	3	21	62	14

SOIL MOISTURE

	This Week	Last Week	Last Year
			Percent
Topsoil			
Very Short	0	0	0
Short	2	4	1
Adequate	45	50	52
Surplus	53	46	47
Subsoil			
Very Short	0	1	0
Short	5	10	1
Adequate	62	61	58
Surplus	33	28	41

--Ralph W. Gann, State Statistician

--Bud Bever, Agricultural Statistician

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

Agronomy News

Alfalfa Weevil Damage Continues Northward

- ☞ Alfalfa weevil found in central Indiana
- ☞ Alfalfa in southern Indiana needs to be scouted NOW
- ☞ Larvae continues to hatch, don't treat too soon
- ☞ Recommended insecticides for alfalfa weevil

Surveys of southwest and west central Indiana alfalfa fields this past week reveal that alfalfa weevil feeding has reached significant levels in several fields. The number of plants with tip feeding has reached as high as 56% (range 12 to 56%) with up to 0.68 weevil larvae per stem (range 0.00 to 0.68).

Pest managers in all parts of southern Indiana should be scouting alfalfa for this pest and its damage. In this issue, we have included the recommended insecticides for alfalfa weevil larval control. Refer to last week's Pest&Crop for scouting techniques and guidelines for making management decisions. If possible, insecticides should not be applied until 400 heat units (base 48°F) have accumulated (see "Weather Update"). This will assure that most weevil eggs have hatched and the majority of larvae are controlled. Carefully consider the harvest restrictions when choosing an insecticide.

-John Obermeyer, Rich Edwards, and Larry Bledsoe,
Purdue University

Insecticides for Alfalfa Weevil Larval Control ^{1,2}			
Insecticide and Formulation	Amount of Formulation per Acre	Harvest or Pasture Restriction	Remarks
carbofuran (Furadan) ^{3,5,7}	½ pt. 4 F 1 pt. 4 F 1-1½ pt. 4 F	7 days 14 days 28 days	Use only on pure stands of alfalfa. Use higher rate where residual control is needed.
chlorpyrifos (Lorsban) ⁶	1 pt. 4 E	14 days	Some yellowing may be observed on young, rapidly growing alfalfa. Alfalfa will outgrow the yellowing and no loss should occur.
cyfluthrin (Baythroid 2) ^{2,3,4,7,8}	1.6 - 2.8 fl. oz.	7 days	Use higher rates for heavy populations. Do not use on alfalfa grown for seed.
cyhalothrin (Warrior) ^{4,7,8}	2.56 - 3.84 fl. oz. 1EC	1 day - forage 7 days - hay	
methyl parathion (PennCap-M) ^{3,7}	1 qt. 2 FM	15 days	
permethrin (Ambush) ⁷ (Pounce) ⁷	12.8 oz. 2EC 8 oz. 3.2EC	14 days 14 days	For aerial application do not use within 100 yards of aquatic habitats. For ground application do not use within 20 yards of aquatic habitat. Do not apply more than 12.8 ounces (2EC) or 8 ounces (3.2EC) per acre per cutting. DO NOT USE IN FIELDS WITH MORE THAN 2 LARVAE PER STEM AND BEFORE 600HU (base 48°) HAVE ACCUMULATED.
phosmet (Imidan) ^{3,4}	1-1 a lb. 70-WSB	7 days	

1. Apply in 20 gal. water per acre to insure complete coverage; 10 gal. are sufficient for new growth 4 -7 days after cutting.
 2. Avoid application during bloom (pollination); if not possible, apply material very late in day.
 3. Highly toxic to bees exposed to direct treatment or residue on crop or on blooming weeds.
 4. Registered for not more than one application per cutting.
 5. Registered for not more than two applications per season. Don't apply more than once per cutting.
 6. Do not make more than four applications per year. Don't apply more than once per cutting.
 7. Restricted use pesticide.
 8. Toxic to fish and aquatic invertebrates. Do not apply directly to water or where the product may drift or run off into bodies of water.

Alfalfa Weevil Larval Survey, 4/20/99 - Ron Blackwell				
County (Field)	Stem Ht.	Predominant Larval	Total No.	% Tip Feeding
Clay	12.0	3rd	22	32%
Montgomery	11.2	2nd	26	28%
Montgomery	14.2	2nd	11	12%
Montgomery	9.9	2nd	12	24%
Parke	9.8	2nd	35	48%
Parke	9.4	2nd	58	56%
Parke	12.4	2nd	17	28%
Putnam	11.8	3rd	20	36%

* Number per 25 stems, extracted by Berlese funnel.

Weather Data

Week ending Sunday April 25, 1999

Station	Past Week Weather Summary Data							Accumulation				
	Air Temperature				Precip.		Avg 4 in. Soil Temp	April 1, 1999 thru April 25, 1999				
	Hi	Lo	Avg	DFN	Total	Days		Precipitation		GGD Base 50°F		
							Total	DFN	Days	Total	DFN	
Bloomington	80	38	56	+1	0.23	1		2.84	-0.36	11	154	+46
Bluffton	76	32	51	-2	0.16	3	47	2.11	-0.99	11	110	+47
Butler	78	36	56	-2	0.64	4	55	3.89	+0.54	17	147	+14
Castleton	78	37	56	+2	0.93	4		3.97	+0.91	17	153	+73
Crawfordsville	76	32	53	-2	0.76	4	53	2.69	-0.73	13	93	+4
Dubois_Ag	83	37	57	+2	0.29	4	59	2.92	-0.57	14	179	+60
Evansville	81	37	60	+3	0.04	1		2.90	-0.41	9	229	+71
Farmland	76	32	52	+2	1.50	5	48	4.40	+1.43	18	108	+65
Fort_Wayne	76	30	50	-2	2.71	5		5.80	+2.97	16	105	+52
Freelandville	77	39	56	+1	0.08	3		2.87	-0.28	12	149	+38
Greenfield	76	36	54	+2	0.91	4		3.56	+0.24	17	121	+52
Indianapolis_AP	76	39	57	+3	0.71	4		3.11	+0.06	17	170	+81
Indianapolis_SE	76	36	54	+0	0.69	5		3.70	+0.64	19	125	+45
Logansport	73	31	51	-2	0.71	4		4.09	+1.22	15	94	+36
New_Castle	74	33	52	+2	1.37	6		4.20	+0.83	18	92	+45
Perrysville	76	34	53	-1	0.59	4	54	3.80	+0.58	12	132	+56
Plymouth	73	32	49	-5	2.95	5		7.11	+3.89	14	98	+31
Scottsburg	81	37	58	+3	0.14	2		2.63	-0.85	10	170	+59
Shoals	80	36	57	+2	0.04	1		2.47	-0.89	10	158	+48
South_Bend	67	31	49	-3	3.03	5		6.65	+3.42	15	103	+54
Tell_City	81	40	59	+3	0.06	1		1.98	-2.03	5	209	+69
Terre_Haute_Ag	79	38	56	+2	0.47	2	56	3.15	-0.04	11	177	+80
Tipton_Ag	75	33	52	+1	1.02	4	52	3.25	+0.01	13	96	+49
Valparaiso_Ag	67	30	49	-3	2.28	3		5.10	+1.79	12	100	+44
Vincennes_5NE	81	38	57	+2	0.26	4	54	3.90	+0.75	15	171	+60
Wanatah	69	25	46	-6	3.10	5	53	5.94	+2.76	15	65	+23
W_Lafayette_6NW	75	33	51	-2	0.73	3	56	4.49	+1.43	12	114	+53
Wheatfield	72	29	49	-2	2.63	3		6.14	+2.96	13	99	+54
Winamac	72	31	49	-3	2.21	4		5.78	+2.70	14	107	+47
Young_America	73	34	51	-2	0.87	4		3.72	+0.85	14	94	+36

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

GGD = Growing Degree Days.

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

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

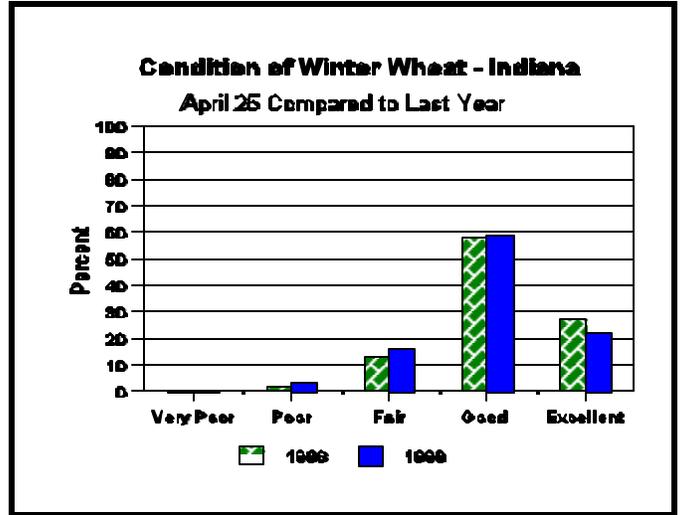
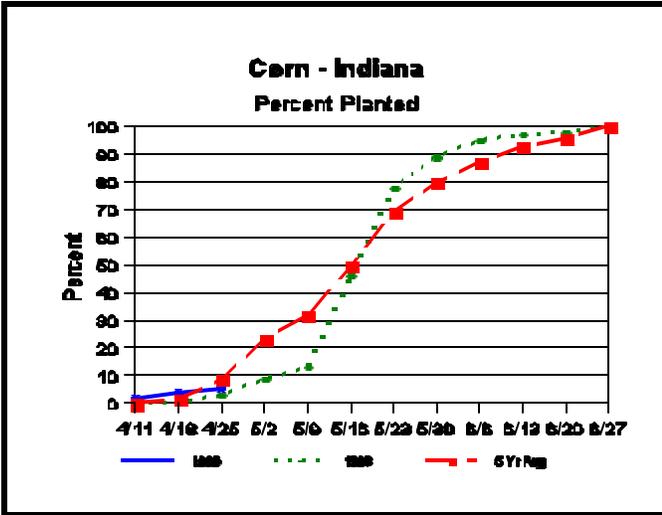
Air Temperatures in Degrees Fahrenheit.

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Crop Progress



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