



USDA, National Agricultural Statistics Service

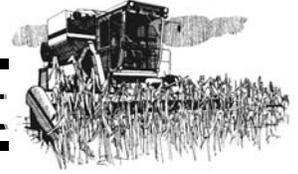
# Indiana Crop & Weather Report

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## Final 2006 Report

### CROP REPORT FOR WEEK ENDING NOVEMBER 26

#### AGRICULTURAL SUMMARY

Favorable weather conditions this past week allowed farmers to resume field activities on soils that were dry enough to support heavy equipment, according to the Indiana Field Office of USDA's National Agricultural Statistics Service. Farmers that are done with harvest were applying Anhydrous Ammonia, spreading fertilizer, moving grain to market, doing fall tillage and cleaning and storing equipment. Winter wheat condition improved slightly with the warm, sunny days. However, poor plant populations are a concern due to the excess moisture and cool temperatures during germination and emergence.

#### FIELD CROPS REPORT

There were 5.0 **days suitable for field work**. Ninety-three percent of the corn acreage is now **harvested** compared with 100 percent for last year and 98 percent for the 5-year average. By area, 94 percent of the corn acreage has been harvested in the north, 93 percent in central region, and 90 percent in the south. **Moisture** content of harvested corn continues to average about 17 percent.

Ninety-six percent of the soybean acreage has been **harvested** compared with 100 percent for both last year and the 5-year average. By area, 99 percent of the soybean acreage is harvested in the north, 98 percent in the central region, and 88 percent in the south. **Moisture** content of harvested soybeans is averaging about 13 percent.

Ninety-one percent of the winter wheat acreage has **emerged** compared with 100 percent for last year and 97 percent for the 5-year average.

#### LIVESTOCK, PASTURE AND RANGE REPORT

Pastures and feedlots across the state remain very muddy making it difficult to feed. Livestock are reported to be in mostly good condition.

#### CROP PROGRESS TABLE

| Crop                 | This Week | Last Week | Last Year | 5-Year Avg |
|----------------------|-----------|-----------|-----------|------------|
| Percent              |           |           |           |            |
| Corn Harvested       | 93        | 85        | 100       | 98         |
| Soybeans Harvested   | 96        | 94        | 100       | 100        |
| Winter Wheat Emerged | 91        | 86        | 100       | 97         |

#### CROP CONDITION TABLE

| Crop              | Very Poor | Poor | Fair | Good | Excellent |
|-------------------|-----------|------|------|------|-----------|
| Percent           |           |      |      |      |           |
| Winter Wheat 2007 | 3         | 11   | 41   | 42   | 3         |
| Winter Wheat 2006 | 0         | 2    | 16   | 67   | 15        |

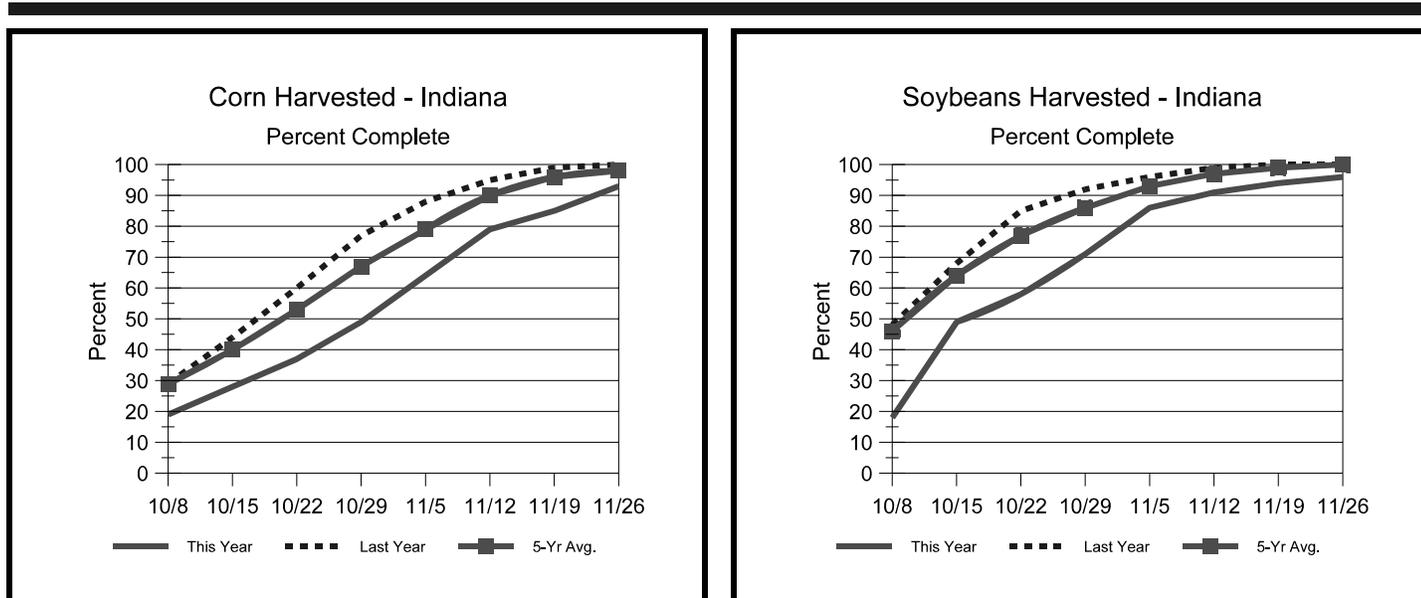
#### SOIL MOISTURE & DAYS SUITABLE FOR FIELDWORK TABLE

|                      | This Week | Last Week | Last Year |
|----------------------|-----------|-----------|-----------|
| Percent              |           |           |           |
| <b>Topsoil</b>       |           |           |           |
| Very Short           | 0         | 0         | 2         |
| Short                | 1         | 0         | 8         |
| Adequate             | 62        | 45        | 77        |
| Surplus              | 37        | 55        | 13        |
| <b>Subsoil</b>       |           |           |           |
| Very Short           | 0         | 0         | 8         |
| Short                | 1         | 1         | 24        |
| Adequate             | 70        | 60        | 64        |
| Surplus              | 29        | 39        | 4         |
| <b>Days Suitable</b> | 5.0       | 2.4       | 4.5       |

#### CONTACT INFORMATION

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# Crop Progress



## Other Agricultural Comments And News

### Mitigate the Downside Risks of Corn Following Corn

The advent of soybean rust (*Phakopsora pachyrhizi*) across the southern U.S. late in 2004 and its discovery in Indiana late in 2006 (Ag Answers, 2006) adds fuel to the fire for some Indiana growers who already perceive an economic advantage for switching intended soybean acres to second-year corn acres (Hurt, 2006; Schnitkey, 2006; Schnitkey and Lattz, 2005). The current corn-based ethanol euphoria promises to maintain the current favorable corn to soy grain price ratio for the near future (Hurt, 2006).

From an agronomic perspective, a continuous corn cropping system is fraught with a multitude of negative yield-influencing factors (Butzen, 2006; Lauer et al., 1997; Nafziger, 2004; Vyn, 2004). A recent review of crop rotation research literature (Erickson and Lowenberg-DeBoer, 2005) indicated an average yield loss of 9% for continuous corn, with yield losses ranging from 2 to 23%. Of 26 studies reviewed, only two cited yield advantages to continuous corn.

Most growers understand the potential for lower yields with continuous corn. However, some are equally concerned that soybean rust, soybean aphid (*Aphis glycines* Matsumura), or other

major soybean stresses in coming years may result in unacceptably low soybean yields and/or high production costs.

Consequently, some growers seem willing to accept the known risks associated with second-year corn in order to avoid the uncertain risks associated with soybean production. While most agronomists certainly do not encourage monoculture of any kind, they can at least offer suggestions for mitigating the downside risks of corn following corn for those growers who feel pressured to do so. More detailed information can be found in the references listed at the end of this article.

To view this entire eleven page article, go to the Chat 'n Chew Café, 21 Nov 2006 URL: <http://www.kingcorn.org/news/articles.06/CornAfterCorn-1121.pdf>

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# Weather Information Table

**Week ending Sunday November 26, 2006**

| Station                 | Past Week Weather Summary Data |    |     |     |         |      |                             | Accumulation                            |        |       |               |      |
|-------------------------|--------------------------------|----|-----|-----|---------|------|-----------------------------|---|--------|-------|---------------|------|
|                         | Air Temperature                |    |     |     | Precip. |      | Avg<br>4 in<br>Soil<br>Temp | April 1, 2006 thru<br>November 26, 2006 |        |       |               |      |
|                         | Hi                             | Lo | Avg | DFN | Total   | Days |                             | Precipitation                           |        |       | GDD Base 50°F |      |
|                         |                                |    |     |     |         |      | Total                       | DFN                                     | Days   | Total | DFN           |      |
| <b>Northwest (1)</b>    |                                |    |     |     |         |      |                             |   |        |       |               |      |
| Chalmers_5W             | 62                             | 24 | 40  | +0  | 0.04    | 1    |                             | 32.01                                   | +4.82  | 83    | 3080          | -147 |
| Francesville            | 60                             | 25 | 40  | +4  | 0.15    | 1    |                             | 39.17                                   | +11.44 | 99    | 2948          | +8   |
| Valparaiso_AP_I         | 59                             | 23 | 41  | +3  | 0.09    | 1    |                             | 19.29                                   | -10.91 | 65    | 3034          | +83  |
| Wanatah                 | 61                             | 23 | 40  | +4  | 0.20    | 2    | 42                          | 28.83                                   | +0.04  | 89    | 2716          | -78  |
| Winamac                 | 61                             | 25 | 41  | +4  | 0.04    | 1    | 38                          | 32.74                                   | +5.01  | 84    | 2981          | +41  |
| <b>North Central(2)</b> |                                |    |     |     |         |      |                             |   |        |       |               |      |
| Plymouth                | 60                             | 25 | 40  | +2  | 0.01    | 1    |                             | 30.24                                   | +1.71  | 93    | 2854          | -247 |
| South_Bend              | 60                             | 24 | 41  | +4  | 0.00    | 0    |                             | 32.75                                   | +4.59  | 94    | 3007          | +102 |
| Young_America           | 62                             | 25 | 41  | +4  | 0.00    | 0    |                             | 32.74                                   | +5.47  | 89    | 3105          | +67  |
| <b>Northeast (3)</b>    |                                |    |     |     |         |      |                             |   |        |       |               |      |
| Columbia_City           | 61                             | 22 | 37  | +0  | 0.00    | 0    | 39                          | 30.57                                   | +3.30  | 95    | 2788          | +19  |
| Fort_Wayne              | 62                             | 23 | 39  | +0  | 0.01    | 1    |                             | 30.49                                   | +5.71  | 90    | 3047          | -7   |
| <b>West Central(4)</b>  |                                |    |     |     |         |      |                             |   |        |       |               |      |
| Greencastle             | 65                             | 23 | 40  | +0  | 0.05    | 1    |                             | 40.73                                   | +9.50  | 88    | 3078          | -395 |
| Perrysville             | 66                             | 23 | 42  | +3  | 0.00    | 0    | 41                          | 30.02                                   | +1.12  | 86    | 3421          | +208 |
| Spencer_Ag              | 67                             | 23 | 41  | +2  | 0.06    | 1    |                             | 39.93                                   | +8.65  | 95    | 3286          | +49  |
| Terre_Haute_AFB         | 65                             | 22 | 41  | +0  | 0.02    | 1    |                             | 29.50                                   | -0.06  | 96    | 3507          | +60  |
| W_Lafayette_6NW         | 63                             | 25 | 42  | +4  | 0.05    | 1    | 42                          | 31.81                                   | +4.46  | 97    | 3183          | +144 |
| <b>Central (5)</b>      |                                |    |     |     |         |      |                             |   |        |       |               |      |
| Eagle_Creek_AP          | 64                             | 26 | 42  | +3  | 0.06    | 1    |                             | 34.34                                   | +6.78  | 98    | 3519          | +110 |
| Greenfield              | 63                             | 24 | 40  | +2  | 0.08    | 1    |                             | 42.23                                   | +11.99 | 103   | 3148          | -124 |
| Indianapolis_AP         | 65                             | 28 | 43  | +4  | 0.06    | 1    |                             | 34.20                                   | +6.64  | 98    | 3558          | +149 |
| Indianapolis_SE         | 63                             | 23 | 40  | +0  | 0.06    | 1    |                             | 34.96                                   | +6.59  | 94    | 3117          | -287 |
| Tipton_Ag               | 62                             | 24 | 40  | +3  | 0.00    | 0    | 41                          | 36.73                                   | +8.24  | 98    | 2928          | -9   |
| <b>East Central(6)</b>  |                                |    |     |     |         |      |                             |   |        |       |               |      |
| Farmland                | 63                             | 21 | 39  | +2  | 0.00    | 0    | 39                          | 34.75                                   | +7.77  | 99    | 2881          | +18  |
| New_Castle              | 62                             | 23 | 39  | +1  | 0.06    | 1    |                             | 36.09                                   | +7.00  | 92    | 2948          | +11  |
| <b>Southwest (7)</b>    |                                |    |     |     |         |      |                             |   |        |       |               |      |
| Evansville              | 67                             | 25 | 43  | -1  | 0.00    | 0    |                             | 44.71                                   | +16.25 | 81    | 4089          | +96  |
| Freelandville           | 66                             | 27 | 43  | +2  | 0.05    | 1    |                             | 30.25                                   | +0.98  | 76    | 3702          | +134 |
| Shoals                  | 69                             | 21 | 40  | -3  | 0.00    | 0    |                             | 45.08                                   | +13.13 | 86    | 3504          | +42  |
| Stendal                 | 69                             | 25 | 44  | +3  | 0.00    | 0    |                             | 48.51                                   | +17.00 | 81    | 4131          | +390 |
| Vincennes_5NE           | 67                             | 25 | 43  | +2  | 0.05    | 1    |                             | 39.93                                   | +10.66 | 92    | 3831          | +263 |
| <b>South Central(8)</b> |                                |    |     |     |         |      |                             |   |        |       |               |      |
| Leavenworth             | 65                             | 26 | 42  | -1  | 0.11    | 1    |                             | 50.66                                   | +18.51 | 103   | 3650          | +211 |
| Oolitic                 | 68                             | 22 | 41  | +1  | 0.08    | 1    | 41                          | 37.03                                   | +6.44  | 90    | 3281          | -4   |
| Tell_City               | 69                             | 30 | 45  | +1  | 0.00    | 0    |                             | 51.94                                   | +19.78 | 80    | 4051          | +172 |
| <b>Southeast (9)</b>    |                                |    |     |     |         |      |                             |   |        |       |               |      |
| Brookville              | 67                             | 23 | 41  | +2  | 0.00    | 0    |                             | 35.49                                   | +6.29  | 75    | 3401          | +297 |
| Greensburg              | 65                             | 24 | 42  | +2  | 0.05    | 1    |                             | 38.18                                   | +8.59  | 84    | 3481          | +291 |
| Scottsburg              | 68                             | 22 | 40  | -2  | 0.10    | 1    |                             | 41.18                                   | +11.09 | 92    | 3574          | +24  |

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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# Thank You!

This will be the final Indiana Crop & Weather Report for 2006. Everyone in the Indiana Field Office of USDA's National Agricultural Statistics Service would like to thank all of you who reported the agricultural activities in your area on a weekly basis. It would not be possible to produce this report without your continued support.

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