



Indiana Crop Weather

IN-CW3524

September 3, 2024

Hot Weather, Insufficient Rain

Dry conditions intensified last week as the rainfall received was not enough to offset the high temperatures, according to Nathaniel Warenski, State Statistician, USDA NASS, Indiana Field Office. Topsoil moisture levels decreased from the previous week, with 46 percent rated adequate or surplus.

The average temperature for the week was 78.5 degrees Fahrenheit, 6.3 degrees above normal for the State. The statewide average precipitation was 0.70 inches, 0.22 inches below normal. There were 6.3 days suitable for fieldwork for the week ending September 1.

Dry conditions were most pronounced in the north and west portions of the State. Corn dough progress neared completion and was on-pace with previous years, while corn dent progress continued ahead of the five-year average pace. Corn silage harvest remained ahead of schedule. Soybeans setting pods and dropping leaves were both progressing ahead of their respective five-year average paces. Corn and soybean conditions both decreased slightly, and farmers were concerned that the lack of rainfall may impact yields. Pasture conditions decreased from the previous week, with less than half of pastures in good to excellent condition. Aided by the dry weather, third and fourth cuttings of hay continued slightly ahead of previous years. Other activities included mowing roadsides, hauling grain, and harvest preparations.

Soil Moisture: Week Ending 09/01/24

| Item | Very short | Short | Adequate | Surplus |
|------------------------|------------------|------------------|------------------|------------------|
| | <i>(percent)</i> | <i>(percent)</i> | <i>(percent)</i> | <i>(percent)</i> |
| Topsoil moisture | 16 | 38 | 45 | 1 |
| Subsoil moisture | 15 | 37 | 47 | 1 |

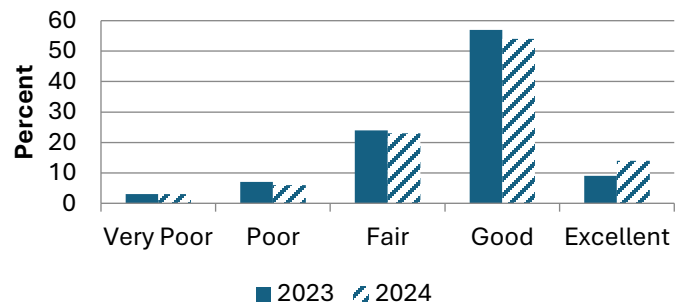
Crop Progress: Week Ending 09/01/24

| Crop/Activity | Percent Completed | | | |
|-----------------------------------|-------------------|-----------|-----------|----------------|
| | This week | Last week | Last year | 5 Year average |
| Days Suitable for Fieldwork | 6.3 | 6.7 | N/A | N/A |
| Corn Dough | 89 | 84 | 89 | 88 |
| Corn Dented..... | 61 | 43 | 46 | 48 |
| Corn Mature..... | 12 | 4 | 3 | 7 |
| Corn Harvested for Silage..... | 19 | 9 | 16 | 16 |
| Soybeans Setting Pods..... | 94 | 90 | 91 | 90 |
| Soybeans Dropping Leaves..... | 15 | 7 | 5 | 7 |
| Alfalfa Hay 3rd Cutting | 86 | 77 | 84 | 80 |
| Alfalfa Hay 4th Cutting..... | 23 | 12 | 22 | 19 |
| Other Hay 2nd Cutting..... | 95 | 93 | 98 | 97 |
| Other Hay 3rd Cutting | 56 | 45 | 57 | 52 |
| Other Hay 4th Cutting..... | 6 | 1 | 7 | 2 |

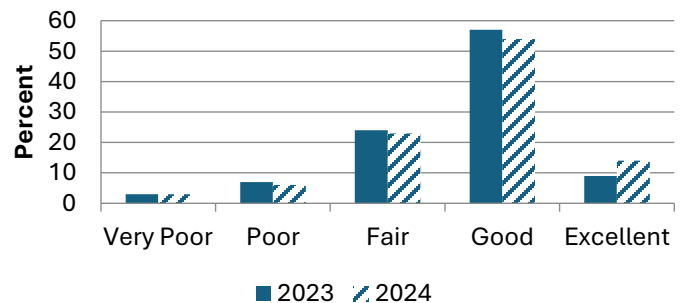
Crop Condition: Week Ending 09/01/24

| Crop | Very poor | Poor | Fair | Good | Excellent |
|-----------------------|------------------|------------------|------------------|------------------|------------------|
| | <i>(percent)</i> | <i>(percent)</i> | <i>(percent)</i> | <i>(percent)</i> | <i>(percent)</i> |
| Corn | 3 | 6 | 23 | 54 | 14 |
| Soybeans..... | 3 | 6 | 23 | 54 | 14 |
| Range and Pasture.... | 4 | 11 | 38 | 43 | 4 |

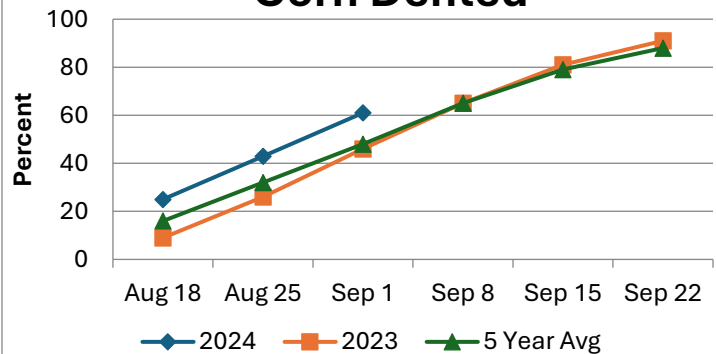
Corn Condition



Soybean Condition



Corn Dented



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Weather Summary for Indiana

Week Ending 2024-09-01

Since April 1

Temperature Precipitation Precipitation GDD Base
 High Low Avg DFN Total Days Total DFN Days Total DFN
 50

Northwest

| | | | | | | | | | | | |
|--------------|----|----|----|---|------|---|-------|------|----|------|-----|
| CHALMERS 5 W | 95 | 59 | 78 | 8 | 0.92 | 3 | 22.30 | 1.23 | 60 | 2714 | 293 |
| KNOX WWTP | 93 | 60 | 78 | 7 | 1.54 | 2 | 27.62 | 6.89 | 63 | 2544 | 84 |
| LAPORTE | 95 | 60 | 76 | 6 | 1.16 | 2 | 22.92 | 2.49 | 61 | 2648 | 209 |

North Central

| | | | | | | | | | | | |
|------------|----|----|----|---|------|---|-------|------|----|------|-----|
| GOSHEN 3SW | 95 | 62 | 77 | 8 | 1.38 | 3 | 23.74 | 3.73 | 67 | 2719 | 318 |
| ROCHESTER | 91 | 60 | 77 | 7 | 1.34 | 3 | 24.03 | 3.08 | 58 | 2653 | 254 |

Northeast

| | | | | | | | | | | | |
|---------------|----|----|----|---|------|---|-------|-------|----|------|-----|
| ANGOLA | 94 | 59 | 76 | 8 | 0.57 | 2 | 18.30 | -1.59 | 51 | 2332 | 170 |
| COLUMBIA CITY | 93 | 66 | 78 | 9 | 0.08 | 1 | 18.58 | -1.89 | 55 | 2271 | -10 |
| HUNTINGTON | 95 | 66 | 79 | 9 | 0.12 | 1 | 23.12 | 2.71 | 50 | 2633 | 167 |

West Central

| | | | | | | | | | | | |
|--------------------------------|----|----|----|---|------|---|-------|-------|----|------|-----|
| CRAWFORDSVILLE 6 SE | 94 | 53 | 76 | 7 | 1.26 | 3 | 20.86 | -0.72 | 50 | 2575 | 186 |
| LAFAYETTE PURDUE UNIVERSITY AP | 96 | 56 | 78 | 6 | 0.61 | 3 | 19.60 | 0.25 | 58 | 2827 | 154 |
| PERRYSVILLE 4 WNW | 96 | 52 | 78 | 6 | 1.40 | 3 | 20.52 | -0.08 | 61 | 2715 | 2 |
| ROCKVILLE | 98 | 56 | 81 | 8 | 0.64 | 2 | 20.61 | -3.30 | 60 | 3028 | 217 |

Central

| | | | | | | | | | | | |
|----------------------|----|----|----|---|------|---|-------|-------|----|------|-----|
| COLUMBUS | 97 | 64 | 80 | 7 | 0.31 | 2 | 18.81 | -2.83 | 59 | 2966 | 146 |
| FRANKFORT DISPOSAL | 94 | 59 | 79 | 8 | 0.54 | 2 | 21.95 | 1.02 | 50 | 2791 | 263 |
| GREENFIELD | 96 | 60 | 79 | 8 | 0.20 | 3 | 23.28 | 0.00 | 60 | 2928 | 282 |
| INDIANAPOLIS INTL AP | 96 | 61 | 80 | 7 | 0.30 | 2 | 23.75 | 2.86 | 61 | 3162 | 377 |
| TIPTON 5 SW | 97 | 58 | 78 | 8 | 2.48 | 2 | 24.64 | 4.59 | 53 | 2827 | 437 |

East Central

| | | | | | | | | | | | |
|----------------------|----|----|----|---|------|---|-------|-------|----|------|-----|
| FARMLAND 5 NNW | 95 | 58 | 77 | 7 | 0.00 | 0 | 19.16 | -1.58 | 51 | 2429 | -27 |
| HARTFORD CITY 4 ESE | 95 | 57 | 79 | 8 | 2.35 | 3 | 19.13 | -1.03 | 53 | 2815 | 277 |
| NEW CASTLE 3 SW | 98 | 57 | 78 | 8 | 0.12 | 2 | 18.28 | -3.82 | 58 | 2668 | 262 |
| RICHMOND WATER WORKS | 93 | 58 | 77 | 6 | 0.00 | 0 | 23.92 | 3.53 | 58 | 2625 | 66 |

Southwest

| | | | | | | | | | | | |
|---------------------|-----|----|----|---|------|---|-------|-------|----|------|-----|
| BOONVILLE 1S | 99 | 65 | 82 | 7 | 0.00 | 0 | 20.15 | -1.40 | 42 | 3509 | 301 |
| SHAKAMAK STATE PARK | 96 | 60 | 80 | 7 | 0.24 | 1 | 22.81 | 0.58 | 48 | 3046 | 261 |
| SHOALS 8 S | 100 | 61 | 81 | 9 | 0.00 | 0 | 20.89 | -1.54 | 48 | 3457 | 750 |
| WASHINGTON 1 W | 98 | 65 | 82 | 8 | 0.00 | 0 | 17.86 | -4.83 | 37 | 3497 | 323 |

South Central

| | | | | | | | | | | | |
|--------------------------|----|----|----|---|------|---|-------|-------|----|------|------|
| BLOOMINGTON INDIANA UNIV | 91 | 67 | 79 | 6 | 0.00 | 0 | 21.59 | -1.61 | 58 | 2850 | 50 |
| OOLITIC PURDUE EX FRM | 95 | 63 | 79 | 6 | 0.00 | 0 | 27.76 | 5.12 | 56 | 2903 | 201 |
| TELL CITY | 96 | 65 | 81 | 5 | 0.61 | 1 | 23.80 | 1.65 | 52 | 3208 | -105 |

Southeast

| | | | | | | | | | | | |
|--------------------|----|----|----|---|------|---|-------|-------|----|------|-----|
| BROOKVILLE | 98 | 65 | 81 | 8 | 0.24 | 2 | 20.40 | -0.48 | 59 | 3129 | 384 |
| NORTH VERNON 2 ESE | 94 | 64 | 79 | 6 | 0.00 | 0 | 21.56 | -1.17 | 51 | 3098 | 229 |

Note:

Summary based on NOAA Regional Climate Centers (RCCs) data. Climate normals used are for the 1991-2020 period. Precipitation (rain or melted snow/ice) in inches. Air temperature in degrees Fahrenheit.