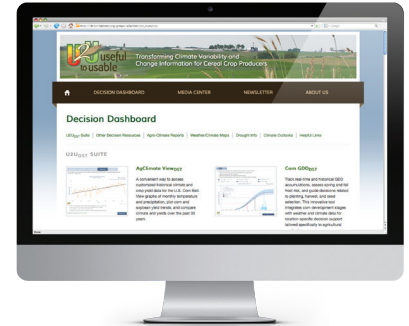




Decision Dashboard

Our Decision Dashboard is your source for weather, climate, drought and cropping data in the North Central Region. Featuring our **U2UDST Suite** and a variety of tools from our regional partners, our dashboard is a one-stop decision resource for ag advisors, producers and decision makers.

AgClimate4U.org



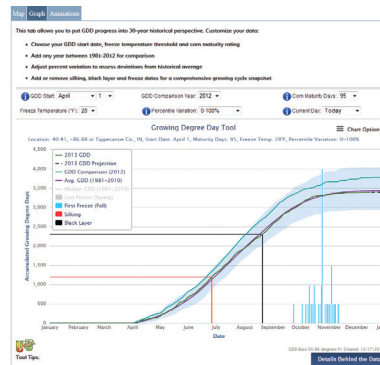
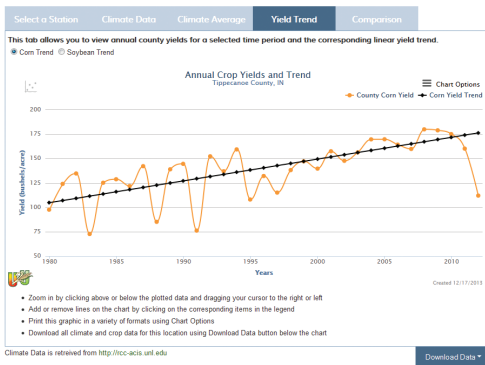
AVAILABLE NOW

AgClimate View_{DST}

This tool provides easy-to-use historical climate and crop yield data for the Corn Belt.

Corn GDD_{DST}

Track real-time GDD accumulations and learn about climate risks for corn development.



Put growing cycles into historical context:

- Plot local temperature and precipitation variation back to 1980
- Track county crop yields and trends
- Consider crop yields in the context of temperature, precipitation and growing degree day (GDD) data

ACV.AgClimate4U.org

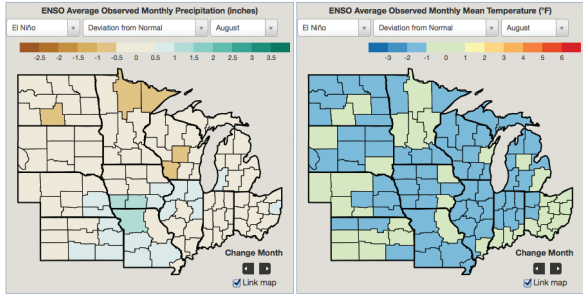
GDD.AgClimate4U.org



COMING SOON

Climate Patterns Viewer_{DST}

Connect global climate conditions to local climate impacts.

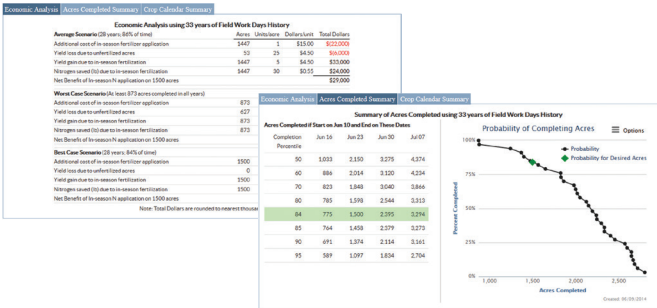


Learn how the El Niño Southern Oscillation (ENSO) and Arctic Oscillation (AO) can affect conditions in the U.S. Corn Belt:

- Maps help you visualize where temperature, precipitation and yield impacts occur
- Bar charts show impact of ENSO and AO phases by month for a specific location

Corn Split N_{DST}

Determine the feasibility and profitability of using in-season nitrogen application for corn production.



Combines historical data on crop growth, fieldwork conditions, and economics for location-specific estimates:

- Costs and savings (average/worst/best-case scenario) associated with in-season nitrogen application
- Probability of completing nitrogen applications during a user-specified time period
- Dates of crop growth stages (V2-V10)

PROJECT CONTACTS:

Linda Prokopy,
Associate Professor and Project Lead, U2U
Purdue University
765-496-2221
lprokopy@purdue.edu

Melissa Widhalm,
Project Manager, U2U
Purdue University
765-494-8191
mwidhalm@purdue.edu



For more information, please visit AgClimate4U.org
@AgClimate4U



United States Department of Agriculture
National Institute of Food and Agriculture

This project is supported by Agriculture and Food Research Initiative Competitive Grant no. 2011-68002-30220 from the USDA National Institute of Food and Agriculture.