

Decision Dashboard

Our Decision Dashboard is your source for weather, climate, drought and cropping data in the North Central Region. Featuring our **U2U**DST **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

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| Decision Das | hboard | | | |
| U2U _{DST} SUITE | | | | |
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| And a second sec | and precipitation, plot corn and suppose precipitation, and congare chinas and yields own the pair 30 years. | | selection. This innovative tool integrates can development steges with wetther and cimate data for location specific devision support takined specifically to agricultural | |
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AVAILABLE NOW

AgClimate View_{DST}

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



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

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Corn GDDdst

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



Projections and historical data can help you make decisions about:

- Climate Risks Identify the likelihood of early and late frosts/freezes
- Activity Planning Consider corn hybrid physiological maturity estimates, along with GDD projections when making seed purchases and other growing season decisions
- Marketing Look at historical and projected GDD for forward pricing and crop insurance decisions

GDD.AgClimate4U.org



AVAILABLE NOW

Climate Patterns Viewerdst

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

CPV.AgClimate4U.org

Corn Split NDST

Determine the feasibility and profitability of using post-planting nitrogen application for corn production.

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| Order print Dirac Print <thdir print<="" th=""> <thdir< th=""> Dirac</thdir<></thdir> | Yield loss due to unfertilized acres | 627 | Aures Con | apartore and a | | 10 and Line | Con These D | | Probability of Completing Acres Opti |
| Numper control data in locator formation 0.21 Numper control data in locator formation 0.123 2.15 4.27 4.11 Box Gas Managing Trees, ENG of location 100 100 120 2.27 4.21 Trees and trees and tree and | Yield gain due to in-season fertilization | 873 | Comp | etion | Jun 16 | Jun 23 | Jun 30 | 34:07 | 100% |
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| Bact Ges Sound: 3) trave, 14:10 at 1001 -0 648 2:544 3:200 4:345 Attravel and off means travelent and travelen | Net Benefit of In-season N application on 1500 acres | | | 50 | 1.033 | 2.150 | 3.275 | 4,374 | Probability for Desired A |
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| Violation activation former 0 70 423 144 200 364 374 <td>Additional cost of in-season fertilizer application</td> <td>1500</td> <td></td> <td>60</td> <td>885</td> <td>2,014</td> <td>3,120</td> <td>4,234</td> <td>75%</td> | Additional cost of in-season fertilizer application | 1500 | | 60 | 885 | 2,014 | 3,120 | 4,234 | 75% |
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| Wanges canding as its source for sources 1000 000 708 13/8 24/4 23/3 23/4 23/3 23/4 | Yield gain due to in-season fertilization | 1500 | | | | | | | |
| Nor-Therefore 14 7.79 L000 2.705 2.704 1.70 | Nitrogen seved (it) due to in-season fertilization | 1500 | | 80 | 785 | 1,598 | 2.544 | 3,313 | |
| None Trace/Datase encoded to owners thouse 65 744 4.63 2.275 2273 90 691 1.374 2.144 5.541 2.14 91 0.097 1.697 7.94 7.94 | Net Benefit of In-season N application on 1500 acres | | | 64 | 775 | 1,500 | 2,395 | 3,294 | 0 m |
| 90 691 1374 2314 3361 238 | Note: Total Dollars are roun | led to nearest thousa | | 85 | 764 | 1,458 | 2.579 | 3,273 | · · · · |
| 95 599 1097 1854 2354 | | | | 90 | 691 | 1.374 | 2.114 | 3.161 | 258 |
| 12 201 L011 L024 L124 | | | | 95 | 589 | 1.097 | 1.834 | 2.704 | 2 |

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

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

SplitN.AgClimate4U.org

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For more information, please visit AgClimate4U.org @AgClimate4U

| USDA | |
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