

DTN Ag Weather Station is part of the industry's largest, most accurate weather network.

Few factors in farming are as integral to your success, yet carry as much variability and unpredictability, as the weather. As a result, you need high-performance weather information to reinforce your decisions and confidently manage risk.

Over 5,500 weather stations are located on member farms across North America, reporting highly-local information to the network in real time. Sensors also measure soil moisture, soil temperature, solar radiation, and leaf wetness. This delivers tremendously detailed, field-level forecasts and insights for specific areas and geographic regions. You can also set up customized alerts for specific weather and agronomy conditions to further reduce risk and support strategic field operations.

This information, along with our industry-leading forecast methods and unbiased, actionable insights, empower you to make confident, accurate decisions.

- Know exactly what's happening at any time, and what will happen in the future, at any of your fields — even those located many miles away. This enables you to:
 - Develop custom field management strategies to optimize yields.
 - Improve decisions around the use and placement of resources like labor, equipment, chemicals, irrigation, and more.
- Create alerts for faster response to changing weather and field conditions, taking advantage of opportunities and managing risks as they come.

"I find DTN's weather forecasts to be more accurate than any other weather service I've ever subscribed to, especially with rainfall."

Mark Nowak, Wells, MN

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- Save significant resources, time, and money.
 - Smarter operations reduce the use of energy, water, and other key resources.
 - Automated rainfall measurements eliminate manual monitoring.
 - Attention to dangerous conditions ensures proper livestock care — limiting illness and loss.
- Keep an archive of historical yield and weather information for specific locations. Use it to optimize your planning and scheduling, rather than rely on radar-estimated measurements.
- Make better agronomic decisions and boost yields with alerts to weather conditions that increase crop disease risks. Monitor inversion layers for frost and freeze protection, and be notified when winds exceed your chemical application limits. You can also better determine correct seed bed temperatures for proper germination.
- Minimize drift and inversion issues common with today's chemicals by using your weather station with DTN Spray Outlook. It delivers hour-by-hour forecasts and clear, color-coded risk assessments for each of your locations.
- Get an immediate sense of your nitrogen opportunity with reports that identify areas of concern in your fields.
- Better target in-season nitrogen applications at the right rate, achieve higher yields, and minimize loss with the optional DTN Nitrogen, powered by Adapt-N. It works with your weather station to provide a true field-level view of your nitrogen needs, plus critical recommendations to improve performance.

Unmatched accuracy.

According to ForecastWatch.com, we've delivered the most accurate temperature and precipitation forecasts of any weather service provider in the United States for the last 10 years. Our team of degreed meteorologists takes this one step further, leveraging our extensive weather insights to deliver field-level daily and hourly forecasts. In addition, DTN Ag Weather Station is hands-free. Our certified, professional technicians will install it and perform annual maintenance.

"Being able to monitor wind speed and direction is very valuable to our operation, as we spray our own crops. Having a record of wind and rainfall is valuable for spray records."

Rod Pierce, Woodward, IA