



DTN NORTHERN GRAINS®

Cultivate kernels of knowledge to help harvest greater profits

Available via satellite or the Internet, DTN Northern Grains is a reliable, real-time solution that's constantly updated, organized, and easy to use so you'll have quick access to the information you need. Online users can customize their content and layout in a personalized "control center" for a unique dashboard view of markets, weather, and top news.

With just a click of the mouse or push of a button, you get the production information, industry news, expert analysis and commentary, market information, and pinpointed weather data you need to make daily business decisions.

Understand your options

DTN Six Factors® Market Strategies gives marketers of all levels simple to follow recommendations and daily analysis for both cash and futures strategies. Market strategies are available for wheat, hard red spring wheat, soybeans, corn, canola, and other crops. The information helps minimize risk and maximize profits by helping you:

- Confidently use forward contracts
- Determine how speculators affect market volatility
- Improve margins per acre
- Track seasonal trends
- Find the best prices

Reduce weather-related risks

Interactive DTN Layered Weather lets you customize weather maps to see exactly how far a storm is from your operation.

- **New!** Improve resource allocation, irrigation, planting, and chemical applications with Precip Gauge's field-level forecasted and historical precipitation. It can also help identify significant water loss from drainage basins.

- View plotted and contoured agronomy and weather maps to help quickly and easily make key production management decisions with soil temperatures, accumulated growing degree days, growing degree day differential, accumulated corn heat units, precipitation impact layers, and long-range precipitation and temperature outlooks.
- See weather information over detailed satellite field imagery maps for pinpointed accuracy. Current conditions, forecasts and historical data show you what to expect and where. Plus see regional, local and national cash and basis prices for profitable decisions.
- PrecipTimer® tells you exactly where, when, and how long rainfall, snow, or ice will last so you can prioritize planting, harvesting, and other outdoor tasks.
- DTN WindMonitor® alerts you to wind speed and direction changes, with start and stop times, to optimize spraying.
- Site-specific historical monthly, daily, and hourly wind, precipitation, temperatures, and more, based on latitude and longitude, for up to six locations. This improves planting schedules, crop scouting, and spraying conditions documentation for insurance purposes.
- If you have cattle, anticipate heat and cold that can impact your defined locations. Our easy-to-read, color-coded cattle stress index forecasts up to 72 hours out. You can also receive text or email alerts for up to 36 hours out.



- For the seventh consecutive year, our precipitation forecasts have outperformed others in the industry in an independent study by ForecastWatch.com.

Buy lower, sell higher

We help you make better bottom-line decisions with accurate market information vital to buying/selling choices.

- Improve your hedging by aggregating futures and options with a current cash grain position to determine your net position with Position Tracker. Its red light/green light indicator also shows when you are outside of a hedgeable quantity.
- Measurement and currency preferences let you control how you view grain and fuel prices, and avoid costly conversion errors to help protect your bottom line.
- Chart Study and Indicator Alerts help you follow changing market signals to improve buying and selling decisions. Just set your criteria and receive instant mobile alerts.
- Ensure that you are getting competitive prices for multiple inputs with integrated Expense Benchmarking, which shows how your expenses stack up against national and state levels.
- Improve pesticide timing with field-specific corn growth projections. Our Growth Stage Timer helps you protect and maximize your yields and bottom line by optimizing the timing of chemical applications, irrigation, and more.
- Get text and email cash bid alerts on a per-agribusiness or commodity basis, based on your preferences. This helps you stay on top of fast-moving markets and act quickly to save time and money.
- Get custom recommendations for preparing tank-mixes — ensuring maximum compatibility and field performance. This helps you avoid costly mistakes and protect your bottom line. You can even save, modify, and print them.
- Determine your crops' maturity potential to improve pesticide application, cash grain sales, and input purchases with growing degree days for your defined locations and time periods. It compares results against identical historical time periods, and includes a 15-day forecast with side-by-side weather conditions.
- Receive automatically-calculated, real-time freight-adjusted cash prices and access to more than 4,000 U.S. and Canadian cash bid locations.
- Forward delivery month cash prices with multiple cash bid months for hundreds of agribusinesses. Find your best opportunities with easy to sort tables.
- Comprehensive fuels and fertilizer data and analysis to find local prices, optimize purchasing decisions, and lock in lower prices with recommendations and charts for tracking trends and seasonality.

- A real-time dynamic profit calculator with price alerts determines your break-even costs and yields, as well as profitable price targets. It establishes production costs on a per crop, field, or farm basis to measure individual profit performance, plus integrates your elevator's cash bid data for an instant outlook.
- Chart and analyze customizable cash bid prices and basis between two locations or corresponding futures prices. See the difference in trends and find seasonal highs and lows by comparing against three-year averages.
- Quickly identify grain buyers with the top cash bids and basis levels using our cash bid/basis display selector.
- Get daily, local pricing from the five closest wholesale locations to your primary location for off-road diesel, propane, and unleaded gasoline to help negotiate contracts and save money.

Cash in on today's grain markets

DTN MarketSpace™ provides a private, secure, and reliable online marketplace that allows you to:

- Extend your reach to a regional market
- Make private offers to your selected agribusinesses
- Set price limits that execute automatically
- Determine profitability with freight-adjusted prices
- Track and manage open offers/forward contracts, delivery commitments, and revenues in one place
- Access at your convenience with 24/7 availability

Use the news to your advantage

With the industry's largest newsroom, we concentrate specifically on the ag news you need to make smarter business decisions, including:

- Farm business content for planning and to protect profits — including farm tax information and advice, daily ag updated interest rates, and comprehensive Farm Bill resources.
- DTN Ethanol Center™ allows you to track the latest news in the growing biofuels sector, including supply and demand, plant locations, feedstuffs, policies, and prices.
- Blogs allow you to share your comments, opinions, and local perspectives with our editors and analysts.

Quickly find what you need amidst our deep coverage with advanced keyword searches of our news and blogs, news wires, and USDA content. Email alerts can be set up based on your chosen topics.