
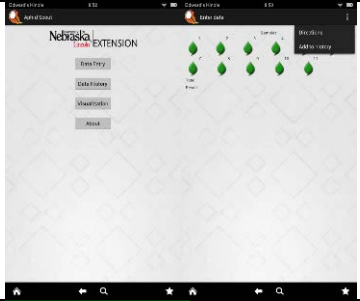
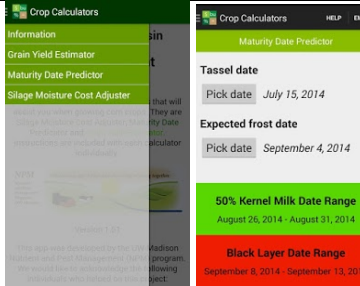
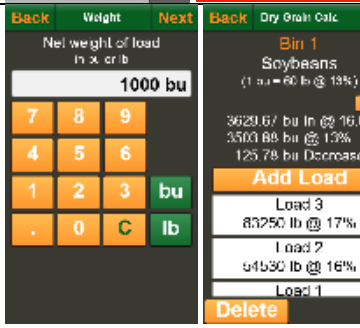



Apps for Agriculture Download this page: <http://www.ag.ndsu.edu/agmachinery>

Crop Production

	<p>NDSU Pest Management The Pest management app is a tool that combines select information from the North Dakota State University Weed Guide, Disease Management Guide, and Insect Management Guide. Information is grouped by crop and pest and providing control options through a selection process. Once a user selects a control card, there is a drop down that allows a user to select additional information for further review.</p>
	<p>Aphid Speed Scout This app relies on the number of "infested" plants. Plants are considered "infested" if there are 40 or more aphids on that sample. This helps you quickly determine — yes or no — whether the plant has 40 aphids and would be considered “infested.” It then recommends further scouting or treatment options based on the number of “infested” plants in a given area.</p>
	<p>Crop Calculators University of Wisconsin. Crop Calculators is an Android app that lets corn growers calculate grain yields, maturity dates, and silage price adjustments using their smartphone or tablet.</p>
	<p>Dry Grain Calculator Easily calculate the effect of less than optimal moisture levels in your grain. Should you deliver, dry or blend? Use Dry Grain Calculator to help decide. -- Select from 9 different grain type options. -- Enter your initial weight. -- Enter your grain's current moisture level. -- DryGrainCalc will compute the overage or shrinkage of the grain based on the optimal moisture percentage.</p>
	<p>Extreme Beans United Soybean Board Access recent soybean research. Also calculate required returns and most effective seeding rates in order to generate higher yield.</p>

Irrigation



IrrigatePump - University of Nebraska-Lincoln Extension - Identify irrigation pumping plants that are underperforming and need to be adjusted, repaired, or replaced with a better design.

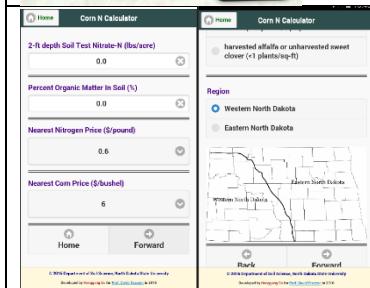


IrrigateCost - University of Nebraska-Lincoln - Calculate ownership and operating costs for your irrigation system. This app models center pivot and gated pipe irrigation systems and the most commonly used energy sources.

Nitrogen Use Efficiency and Soils



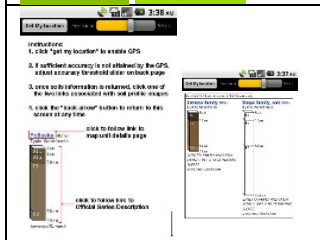
FieldScout GreenIndex+ (Apple)
Determines the DGCI (Dark Green Color Index) of corn plant leaves. DGCI is a number between 0 and 1, related to the chlorophyll content. Use the app with specific target board in order for the DGCI to be computed accurately.



ND Crop Nitrogen Calculator
This application provides three NDSU crop nitrogen recommendation calculators for use in North Dakota corn, spring wheat, and corn, respectively. Nitrogen recommendation calculations are based on an economic production function that takes into account the yield response of the crop to added N, less the cost of the N. The recommendation is based not only on the yield increase from additional N, but the price of the commodity and the cost of N.



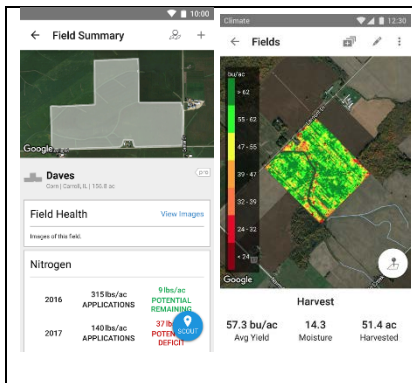
Nitrogen Price Calculator
Compare the price of various forms of nitrogen fertilizer products in terms of their price per pound of nitrogen



Soil Web
GPS based, real-time access to USDA-NRCS soil survey data. GPS based, real-time access to USDA-NRCS soil survey data, formatted for mobile devices. This application retrieves graphical summaries of soil types associated with the user's current geographic location. Images are linked to detailed information on the named soils.



Connected Farm Scout
Trimble's Connected Farm™ scout app uses your phone's GPS for mapping field boundaries, locate irrigation pivots, marking flags, and entering scouting information for points, lines, and polygon areas. Scouting attributes include an extensive list of weeds, insects and diseases, and allows you to log the severity of a problem, crop conditions, and more. Photos can be captured and integrated with your scouting attributes.

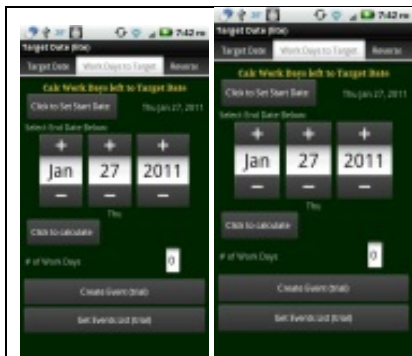


Climate FieldView™

Climate FieldView™ offers a comprehensive, connected suite of digital ag tools to help you optimize resources and maximize yield. Using real-time and historical crop and weather data, Climate FieldView™ delivers customized insights that help you make important agronomic decisions with confidence.

Climate FieldView™ Prime (free) provides simple tools for timely decision making.

Calculations



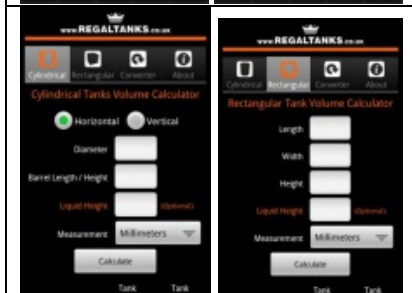
Target Date – Lite

Calculates time between two dates



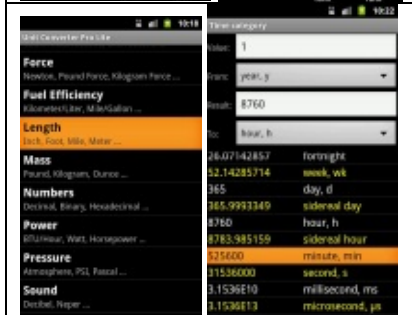
Real Calc

On-the-fly unit conversions. Example: Number of acres for any given pass of the corn planter.



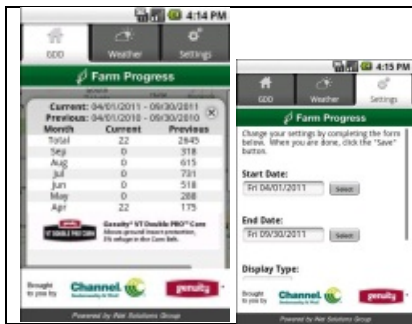
Tank Volume Calculator

Calculate the capacity or remaining liquid volume of your storage tank.



Converter Pro

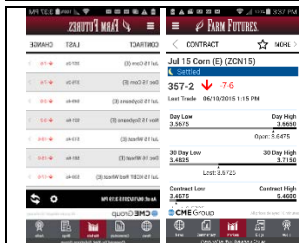
Convert any measurement – even mixed units, like feet + inches.



Growing Degree Days

Measure the maturity of your crop by viewing growing degree days for your farm.

Farm Economics and Information

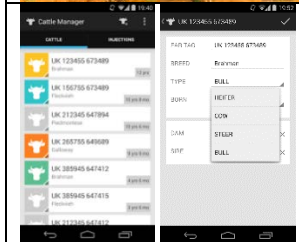


Farm Futures

The power of Farm Futures magazine in an app! This enhanced mobile presentation of the leading management-oriented farm magazine features enhanced user-customized markets, market commentary, news and audio updated every business day.



See what your local grain elevators are paying. With AgWeb's Cash Grain Bids app, simply input your ZIP code to find out cash bids and base levels in your area. Get bids from not one, but five elevators closest to you. This tool is independently contracted by Farm Journal Media and brought to you by Bayer.



Cattle Manager

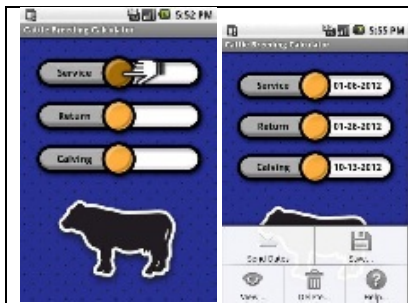
- Add and view information about each cow in your herd when you're on the move
- Get alerts ahead of important dates e.g. when injections are due
- Upload the tag numbers for your herd
- Everything stored on your mobile phone - no expensive equipment needed

Livestock Production



Body Condition Beef Cattle

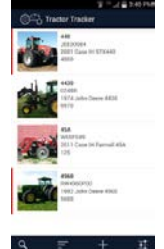


This Tool includes an interactive leaning activity that will teach you how to score Beef Cows while learning to use the Body Condition Score application features. Body condition scores describe the relative fatness of a cow based on a nine-point scale. It is an effective management tool to use to evaluate the overall health status of the herd, and manage the nutrition of the herd.



Cattle Calculator

This is a gestation calculator meant to ease forward and backward date calculations from the convenience of your Android device. Calculate Service, Return and Calving dates for your cattle! Perfect for when you are out at the ranch. Save your calculated dates by animal name and view them later!

Tractor Maintenance

	<p>Tractor Tracker Simplify your farm's maintenance and service record-keeping with Tractor Tracker. Year, Make, Model, Serial Number Filter part numbers and fluid capacities for engine oil, hydraulics, fuel, and air. Classify your work into one of three categories: Maintain, Repair or Upgrade</p>
	<p>TractorPal TractorPal keeps inventory and maintenance records for all your agriculture machines and attachments, including your cars and trucks. Look at it as a digital logbook for the tech farmer. As an available add-on, you can email these records to service dealers or potential buyers. Maintenance Manager to record oil changes along with part numbers and other items. Sync your information to the cloud and never lose it.</p>
	<p>Machinery Sizing - Kansas State University Quickly estimate tractor horsepower to pull various implements. The application has a built in list of many common implements. You can select ground and soil conditions, tractor type, pulling speed, working depth and size of the implement. Then hit calculate and the application will provide an estimate for the required drawbar and PTO horsepower.</p>

Chemical Application and Weed Identification

	<p>Vector Sprays - USDA Droplet size data for the specified setup. Company Name (of the spray system) Spray System (model number) Solution Type (carrier solution) Additive</p>
	<p>Ground Spray – University of Nebraska User inputs nozzle type, spray angle, orifice size, spray pressure. Calculate spray quality based on our research. Droplet spectrum for sense of potential spray drift.</p>

Back TankMix



New Job
My Chemical List
History
Contact Us

Farm related
FARMPAD

Back Heavy Next

Area to Spray: 500 Ac
Spray Tank: 1000 Gal (US)
Spray Volume: 10 Gal (US)

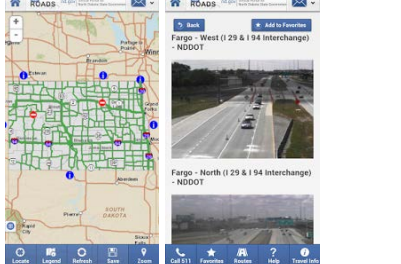





Chemical/Rate
Roundup: 25 Oz (US)
Original
MAX
10% Boron: 5 Pt (US)

Email

Tank Mix Calculator

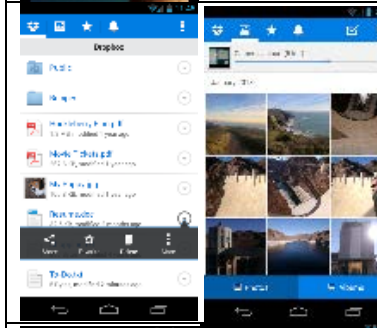
Generate a tank mix

General

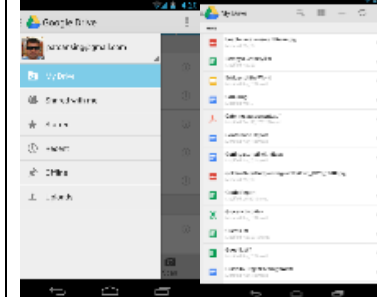
	<p>ND Roads (North Dakota Travel) The App is intended for use by mobile devices to view information that is relevant to the traveling public. The App allows you to access this information in both a map and text view. For a quick overview of the road conditions within North Dakota select one of the pre-determined map/text views for information that you are interested in.</p>
	<p>Cameras North Dakota is free application that allow you to watch cameras from North Dakota. Application contains 50 North Dakota cameras (live images, webcams, CCTV). Cameras are grouped in groups so you can find cameras you need fast.</p>
	<p>Spirit Level Plus Use your cell phone as a level</p>
	<p>Tiny Flashlight Simple, yet very useful flashlight application</p>
	<p>Wikipedia Fast access to information on the Internet</p>
	<p>GasBuddy Find gas prices in any area.</p>



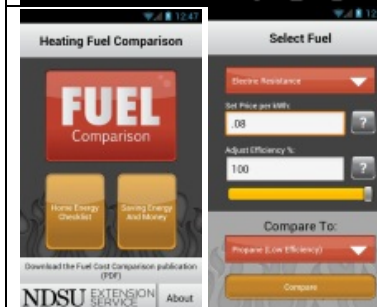
News & Weather
Current and forecasts weather



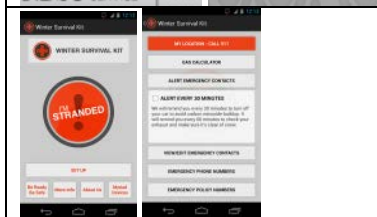
Dropbox
Store digital files online. Access by computer or smartphone.



Google Drive
Store files, pictures, etc.; access them from anywhere and share them with others.


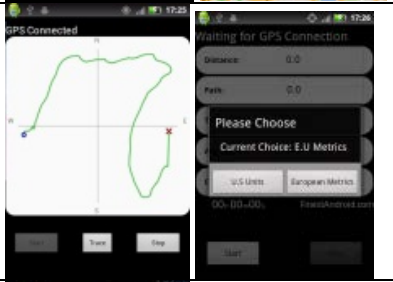
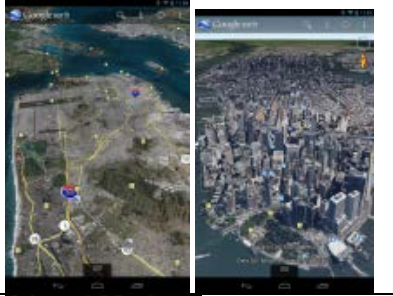
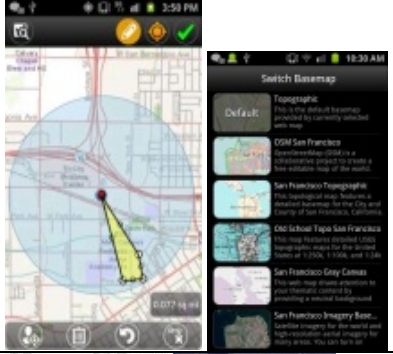

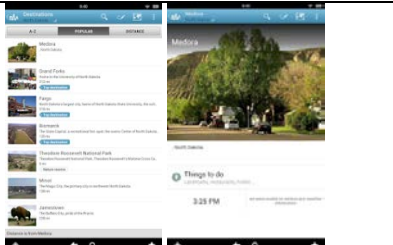


Heating Fuel Comparison - NDSU
Use this app to decide what fuel is most cost effective for heating your home or building, use this app to compare the relative cost of heating fuels.



Winter Survival Kit - NDSU
Winter Survival Kit will help you find your current location, call 911, notify your friends and family, calculate how long you can run your engine to keep warm and stay safe from carbon monoxide poisoning.

GPS, Measuring and Mapping

	<p>GPS venture Record points, routes and areas.</p>
	<p>GPS Measure Measure distance using the GPS in the phone and Google Maps</p>
	<p>Google Earth App Search by voice for cities, places, and businesses. Browse layers including roads, borders, places, photos.</p>
	<p>ArcGIS Measure distances and areas of interest and share maps with others.</p>
	<p>North Dakota Fishing Maps North Dakota Fishing Maps includes links to over 2,000 fishing Lakes, Rivers, and Reservoirs in the State of North Dakota. Each fishing location can be searched by name or by selecting a county and reviewing all lakes, rivers, reservoirs, and even wetlands in the area.</p>
	<p>North Dakota Guide by Triposo Triposo's guide to North Dakota: What's interesting to see and do in North Dakota, depending on time, weather and your location; Eating out section with the best restaurants in Grand Forks, Fargo, Bismarck, Minot; Discover the nightlife of North Dakota! Book hotels in North Dakota directly from the app (when online);</p>