









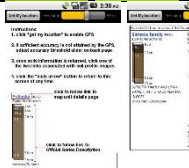


**Apps for Agriculture** Download this page: <http://www.ag.ndsu.edu/agmachinery>

**Crop Production**

	<p><b>Virtual Farm Manager</b> Keep field records to view or edit from your phone or computer. Coverage logging (Field Mapping) with multiple colors for multiple seed. Share using passwords.</p>
	<p><b>YieldCheck</b> by Precision Planting Inc. Calculate and store corn yield estimates. Users can organize estimates based on client, farm, and field. Display estimates on a map with satellite imagery.</p>
	<p><b>Dry Grain Calculator</b> Number of bushels after the moisture removal from field to storage for common grains.</p>
	<p><b>CropNation</b> Virtual social network for farmers to share information, images of their crops and track agriculture trends in their region.</p>
	<p><b>Extreme Beans</b> United Soybean Board Access recent soybean research. Also calculate required returns and most effective seeding rates in order to generate higher yield.</p>
	<p><b>Pioneer Planting Rate Estimator</b> Calculates the estimated economic planting rate and harvest population for maximum growth of Pioneer seed hybrids.</p>
	<p><b>Farm Fuel Budget - NDSU</b> Estimates fuel use based on acres, crops, tillage systems, and fuel price</p>
	<p><b>Machinery Sizing - Kansas State University</b> Estimate tractor horsepower to pull various implements</p>

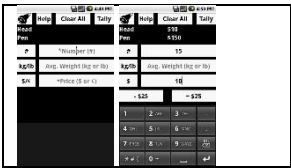



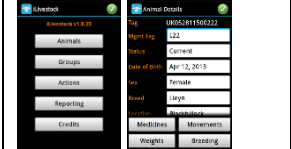

**Nitrogen Use Efficiency and Soils**

	<p><b>FieldScout GreenIndex+</b> (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.</p>
	<p><b>Nitrogen Price Calculator</b> Compare the price of various forms of nitrogen fertilizer products in terms of their price per pound of nitrogen</p>
	<p><b>Soil Web</b> GPS based, real-time access to USDA-NRCS soil survey data</p>




## Farm Economics and Information



	<p><b>Farm Futures</b> Farm commodity future markets</p>
	<p><b>Farm Progress</b> American Agriculturist, California Farmer, Carolina-Virginia Farmer, Dakota Farmer, Indiana Prairie Farmer, Kansas Farmer, Michigan Farmer, Mid-South Farmer, Missouri Ruralist, Nebraska Farmer, Ohio Farmer, Prairie Farmer, Southern Farmer, The Farmer, The Farmer-Stockman, Wallaces Farmer, Western Farmer-Stockman and Wisconsin Agriculturist.</p>

## Livestock Production

	<p><b>Livestock Auction Calculator</b> More time to inspect livestock and consider making a bid</p>
	<p><b>Body Condition Beef Cattle</b> Score Beef Cows while learning to use the Body Condition Score features.</p>
	<p><b>Cattle Calculator</b> Reproductive management, animal performance, and management decisions.</p>
	<p><b>Equine Vet</b> Common equine health, disease and illnesses</p>
	<p><b>Livestock Manager</b> Track various information about their animals, including parentage, transport information, and medicine administration.</p>
	<p><b>Beef Cattle EPD</b> basic beef cattle genetics education</p>

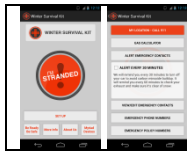
## Chemical Application and Weed Identification

	<p><b>Vector Sprays - USDA</b> Droplet size data for the specified setup. Company Name (of the spray system) Spray System (model number) Solution Type (carrier solution) Additive</p>
	<p><b>Ground Spray - University of Nebraska</b> 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>
	<p><b>Tank Mix Calculator</b> Generate a tank mix</p>

	<p><b>Noxious Weeds of South Dakota</b> Identification of noxious weeds of South Dakota</p>
	<p><b>Northern Plains Integrated Pest Management Guide</b> Current effective management options for insect and other arthropod pests and for plant pathogens affecting all major field crops grown in North Dakota, South Dakota, Minnesota, Nebraska, Iowa and Kansas</p>

**General**

	<p><b>IP Cam Viewer Lite</b> Remotely view and control your IP Camera. Bird Feeder Camera: <a href="http://bird-feeder2.viewnetcam.com/CgiStart?page=Single&amp;Language=0">http://bird-feeder2.viewnetcam.com/CgiStart?page=Single&amp;Language=0</a></p>
	<p><b>Spirit Level Plus</b> Use your cell phone as a level</p>
	<p><b>Tiny Flashlight</b> Simple, yet very useful flashlight application</p>
	<p><b>Wikipedia</b> Fast access to information on the Internet</p>
	<p><b>GasBuddy</b> Find gas prices in any area.</p>
	<p><b>News &amp; Weather</b> Current and forecasts weather</p>
	<p><b>Dropbox</b> Store digital files online. Access by computer or smartphone.</p>
	<p><b>Google Drive</b> Store files, pictures, etc.; access them from anywhere and share them with others.</p>
	<p><b>Heating Fuel Comparison - NDSU</b> 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.</p>



**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.

**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.



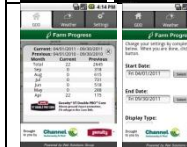
**Tank Volume Calculator**

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.

**GPS, Measuring and Mapping**



**GPS venture**

Record points, routes and areas.



**GPS Measure**

Measure distance using the GPS in the phone and Google Maps



**Google Earth App**

Search by voice for cities, places, and businesses. Browse layers including roads, borders, places, photos.



**ArcGIS**

Measure distances and areas of interest and share maps with others.



**AndMeasure**

Measure distances and calculate area between points on a map.