

Agriculture and Livestock Apps - Changing the Face of Farm Management

Smart phones and tablet computers are a popular craze among the younger generation. These forms of mobile computing devices are reaching the farm and may help manage an operation throughout the year through specific applications (apps in modern technology lingo). For producers who want to use their smart phone or tablet computer beyond just checking e-mail, texting or browsing the internet, here's a list of some agriculture specific apps with descriptions and compatible mobile devices.

Agronomy Apps

Ag PhD Field Guide. The Ag PhD Field Guide helps you to identify problem pests out in your field. You can browse weeds by name or by photo. The Ag PhD Field Guide also gives you the most up-to-date agronomy information through the FMC HatchTrak newsletter and the Ag PhD University. (Android, iPhone, iPad) Free

Fertilizer Removal By Crop – Ag PhD. A reference for you as you plan fertilizer applications on your farm. Simply select your crop and the desired yield for that crop, and you will be given the amount of vital crop nutrients that your desired yield will need. Results can be saved within the app and e-mailed to yourself or your agronomist for later reference. (Android, iPhone, iPad) Free

Planting Population Calculator – Ag PhD. Aids you in determining planting population and stand counts for the crops on your farm. (Android, iPhone, iPad) Free

Harvest Loss Calculator – Ag PhD. Helps you determine how much of your crop you are leaving in the field after harvest. Simply select your crop and input the number of seeds/kernels you count on the ground in a square foot. The app returns a harvest loss calculation in both bushels per acre and pounds per acre. (Android, iPhone, iPad) Free

agSeedSelect – Monsanto. agSeedSelect makes it easy for you to find the right seed for your field. Create, store, email and print a seed guide tailored specifically for your geography and crops. (iPad) Free

Agrian Mobile Information Center. Enables access to Agrian's pesticide label database anywhere, anytime. Search by product name, registered states, pest(s) controlled and specific product use rates. (iPhone, iPod Touch, iPad) Free

Aphid Speed Scout – University of Nebraska. Speed scouting is a different way to determine if soybean aphids have reached the 250 aphids per plant threshold. It relies on the number of "infested" plants. Plants are considered "infested" if there are 40 or more aphids on that sample. No more having to try to count all the aphids on a plant to determine whether it has reached the threshold of 250 aphids per plant. 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. (Android, iPhone, iPad) Free

BASF – Weed ID. Based on the acclaimed Encyclopaedia of Arable Weeds and developed in association with ADAS, the BASF Weed ID App aims to provide an easy to use reference guide to the major broad-leaved weeds and grass-weeds in the UK supporting weed identification of 140 species. (Android, iPhone) Free

Bayer Label Guide. Label Guide from Bayer CropScience provides instant access to the vast CDMS® database of crop protection labels. Easy to use while out in the field, Label Guide enables instant access to download and view labels and MSDS, and receive automatic notifications of label changes. (Android, iPhone, iPad) Free

Bayer Weed Spotter. Based on the extremely popular Bayer CropScience weed guide, the weed spotter app takes weed identification in UK arable and vegetable crops one step further, by allowing users to make accurate identification using a unique interactive filtering system. The app has colour photos of nearly 100 common grass and broad-leaved weeds found in commercial crops. (Android, iPhone) Free

Corn Advisor – University of Arkansas. This app is designed to assist corn producers in Arkansas by allowing access to corn production guidelines developed by the University of Arkansas System Division of Agriculture. In an interactive manner, users can search information for lime application rate, Nitrogen (N), Phosphorus & Potassium (P & K), Zinc (Zn) and Sulphur (S) application rate, identify nutrient deficiency symptoms using pictures, identify and control corn diseases and field insects, and access Corn Production Handbook from within the app. Users can also follow the corn specialist through integrated Twitter feed for quick updates on production issues. (Android, iPhone, iPad) Free

Corn N Rate Calculator – University of Wisconsin. This app is designed to assist producers in selecting a nitrogen (N) rate that improves profitability when nitrogen and corn prices fluctuate. Maximum return to N (MRTN) is the N rate that will be most profitable for a particular N:Corn price ratio. (Android, iPhone, iPad) Free

Corn Planting Calculator. Calculates the correct corn seed spacing in inches as well as the cost per acre by using the row width, seeds per bag, population per acre, and cost per bag. (iPhone, iPod Touch) \$0.99

Crop Nutrient Deficiency Photo Library – IPNI. A comprehensive collection of crop nutrient deficiency photos. A range of nutrient deficiency examples are provided for 14 prominent crops. Text and diagrammatic descriptions are also provided. (iPhone) \$4.99

Corn Stoller. Consult from everywhere with quality and efficiency the symptoms of deficiencies and developmental stages of corn. (Android, iPad) Free

Crop Calculators – University of Wisconsin. An app that lets corn growers calculate grain yields, maturity dates, and silage price adjustments. The formulas used are based on University of Wisconsin agronomy specialists' research. (Android, iPhone, iPad) Free

Extreme Beans. Released by the United Soybean Board, allows soybean farmers to access recent soybean research from their mobile phone. Additionally, it includes a calculator that allows them to calculate their required returns and most effective seeding rates in order to generate high yield results. (Android, iPhone) Free

Farm Progress Growing Degree Days. Measures the maturity of a crop by viewing current and past growing degree days data for a specific farm's location. (Android, BlackBerry, iPhone, iPod Touch) Free

Fertilizer Cost Application. Estimates the value of Nitrogen per unit of Phosphorus source, along with the cost per unit of P2O5 with or without the Nitrogen value. All based on your entered cost per bulk. (Android, iPhone) Free

Headland Grassland Weed Susceptibility Guide. The Headland Agrochemicals Weed Susceptibility Guide is intended as a guide to weed control in grassland for professional advisors in the agricultural industry. (iPhone) Free

Grain Shrinkage Calculator. Calculates the number of bushels after the moisture removal from field to storage. (Android) \$1.99

ID Weeds – University of Missouri Extension. The Weed ID Guide allows you to search for weeds by their common or latin name, view a list of weeds, or identify weeds based upon a number of different characteristics. Details about each weed are presented, along with photograph(s) of the weed specified. (Android, iPhone, iPad) Free

Inoculant Value Calculator – Pioneer. Easily estimate the value of Pioneer® brand inoculants for your farm. The Inoculant Value Calculator (IVC) helps you evaluate benefits including reduced shrink, improved bunklife, reduced feed inputs, feed cost savings/cow/day and total added value from investment. (iPad) Free

IRM Refuge Calculator. The IRM refuge calculator is a tool intended to illustrate the appropriate refuge calculation, the quantity of standard seed bags to purchase for both trait and refuge, and possible planting configurations for planting certain corn products in the United States. (Android, iPhone, iPad) Free

K gallery – International Potash Institute. Dozens of high quality original photos showing typical response of various crops to the application of potash fertilizer, and potassium deficiency symptoms in leaves. (iPhone, iPad) Free

Manure Calculator – University of Nebraska. Allows farmers, ranchers, and producers to measure the amount of manure spread, calculate its nutrient content, and also estimate the amount of money saved by using manure over traditional chemical nutrients. (Android, iPhone) \$0.99

MFA Agronomy Guide. Each year, the professional agronomists at MFA Incorporated publish the MFA Agronomy Guide, a publication our customers call "essential." The guide includes offerings for corn, milo, wheat, soybeans, rice, cotton and pasture markets. (Android, iPhone, iPad, Windows Phone) Free

MRTN/Nitrogen Application Calculator - University of Illinois. The Maximum Return To Nitrogen (MRTN) calculations combine the agronomics of nitrogen rate research and the realities of economic fluctuations to provide a customized nitrogen rate. (iPhone) Free

NPIPM (Northern Plains Integrated Pest Management) Soybean Guide. Provides current management options for insect and other arthropod pests affecting major field crops grown in North Dakota, South Dakota, Nebraska, Iowa, Minnesota and Kansas. (Android, iPhone, iPod Touch, iPad) Free

N-Price Calculator – University of Wisconsin. This app allows you to compare the price of various forms of nitrogen fertilizer products in terms of their price per pound of nitrogen. (Android, iPhone) Free

Noxious Weeds of South Dakota. This app provides South Dakota landowners with a easy-to-use and handy tool for the identification of weeds declared as State and/or locally noxious in South Dakota. (iPhone) Free

Nutrient Removal by Mosaic. An innovative new tool for next-generation ag retailers and their grower customers to test potential yields and receive crop-specific nutrient removal data. (Android, iPhone) Free

Pestbook – DuPont. The latest online innovation by DuPont™ for Australian cotton growers. Pestbook is designed specifically for your iPhone or iPad to simplify identifying pests and beneficial insects in your cotton crop and select the right product to protect your crop all season. With built in photo album capability you can keep a record of both pests and beneficials in your crop and alert fellow growers of pest pressures in your area. (iPhone, iPad) Free

Pioneer Field360™ Plantability. Achieve maximum planter performance with the Pioneer® Plantability app. This planter settings calculator gives you precise planter settings for corn and sunflower seeds of all sizes and shapes. Select your planter type, then scan or type in a seed batch ID directly from your Pioneer® seed packaging to view specific planter setting recommendations. You'll see suggested plate or disc size, pressure or vacuum setting speed, and the singular setting, as well as the predicted seed drop for each batch and planter combination. The tool also provides you a handy guide with seed corn plantability guidelines and planter adjustment tips. (Android, iPhone, iPad) Free

Pioneer Planting Rate Estimator. Allows the user to examine historical yield response curves to help estimate an optimum planting rate for Pioneer® Brand Corn Products. (iPhone) Free

Purdue Extension Corn & Soybean Field Guide. For more than 20 years, growers and consultants have relied on the Purdue Extension Corn & Soybean Field Guide. Purdue University

specialists created this comprehensive, science-based app to help you in the field or classroom. It provides a range of tools and information to help you effectively manage corn and soybean production. (iPad) \$12.99

Thistles of South Dakota. This guide was compiled to provide an aid for the rapid identification of the more common pest and non-pest thistle species in South Dakota. (iPhone) Free

Weed Manager PLUS. Featuring a mobile version of the Crop PHD tool, this app delivers accurate weed management recommendations for your region, a tank mixing tool and a measurement conversion calculator for commercial farmers. (Android, iPhone, iPad) Free

WeedSmart. A simple tool to assess the weed management for a specific paddock. By answering nine short questions about a paddock's farming system, the tool will assess herbicide resistance and weed seed bank risk. (iPhone, iPad) Free

Western Bean Cutworm Speed Scout (WBCSS) – University of Nebraska. Speed scouting is a new method for determining whether Western Bean Cutworm (WBC) populations have reached the action threshold for treatment. (Android, iPhone, iPad) Free

Yara Pure Nutrient - Mineral Fertilizer for sustainable Agriculture. provides sound information on key aspects of mineral nitrogen fertilization. It aims at returning mineral fertilizers to their rightful place as a “pure nutrient”, offering the required precision, efficiency and reliability to meet both the agronomic and environmental imperatives of sustainable agriculture. (iPad) Free

Yield Check. An app by Precision Planting Inc. provides growers with a simple way to calculate and store corn yield estimates. Users can organize estimates based on client, farm, and field. Also see the location of all of your estimates on a map with satellite imagery. (iPhone) Free

Commodity Pricing Apps

agExchange. Stay on top of market trends, and find the best price for your inventory all from your mobile device. agExchange lets you review bids from local elevators on one screen, so you can determine the best time and place to market your crops. Then, maintain your transaction records in one convenient place. agExchange uses cloud synchronization to securely store your sales, futures and options data for easy access between your tablet and smartphone. Please note, any information entered into this app is stored locally unless you choose to utilize cloud storage through your service provider. The developers of this app cannot access your personal information. Brought to you by Asgrow®, DEKALB® and Deltapine® seed brands. (Android, iPhone, iPad) Free

Argus Media. App offers access to energy and fertilizer news, prices and analysis. Subscribers can access current and historical price data, news and commentary for all products subscribed to. (iPhone, iPad) Free

Cash Grain Bids. 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. (Android, iPhone, iPad) Free

Cattle Market Mobile. Cattle Market Mobile (formerly Cattle Talk Mobile) is application designed to help cattle producers monitor current auction prices across the United States. This app displays reports produced by the USDA's Agricultural Marketing Service and reports composed by local livestock markets. (Android) Free

CattleFax. Enables users to browse cattle prices, view dynamic charts, graphs and industry data, examine our catalog of industry news and check detailed, local and national weather forecasts. (Android, iPhone, iPad) Free

Commodity Prices. Get updated real time & futures market prices. Find information about commodity prices and trading, and find the latest commodity index comparison charts. Get the latest commodity trading prices for oil, gold, silver, copper, corn and more on the commodities market and exchange with this easy to use app. (iPhone, iPad) \$0.99

DTN/The Progressive Farmer: Market Strategies. Delivering unbiased market insight and advice to help improve your business decisions. (iPhone) Free through requires a subscription for full features

Farm Futures. Offers access to news, weather, quotes, cash bids and more wherever you are. (Android, iPhone, iPod Touch, iPad) Free

Farm Futures Magazine. The power of Farm Futures magazine now in a handy iPad and iPhone application you can carry and read anywhere. Farm Futures, the leading business magazine for agriculture, has led the way with top quality, management focused content farmers have come to rely on every month. (Android, iPhone, iPod Touch, iPad) Free

KIS Futures. Allows users to track prices on commodity futures and options and gives a detailed snapshot of high, low, last and net change of multiple markets-options. (iPhone, iPod Touch, iPad) \$1.99

Market Journal App – University of Nebraska. The universal app includes segment clips from the weekly show as well as end-of-day futures prices, Nebraska daily elevator prices, local weather, and news from various agricultural sources. The iPhone version even allows you to ask a question from the experts by snapping a photo in the field and sending it to the Market Journal experts. (iPhone, iPad) Free

Crop Scouting and Precision Ag Apps

ACRE Access. Field application for ACRE Crop Scout's scouting service. (iPhone, iPad) Free

ACRE Crop Scouts. This application is ACRE Crop Scouts' main field application and used by agronomists in the field to accurately located area's of interest within the crop field being serviced. (iPhone, iPad) Free

AgDNA. AgDNA® is a powerful mobile farming platform for the Agriculture industry. AgDNA features include farm planning, record keeping, boundary mapping, worked area mapping, live equipment tracking, scouting observations, communication tools, data sharing and more. (Android, iPhone, iPad) Free

AgDroid. Manage your farms & fields like never before with the ultimate portable productivity tool for agriculture, farming, forestry and more. Record multiple fields and jobs, including applied products (fertilizer, herbicide, fungicide etc). Record and calculate field and job/coverage area based upon field boundary, distance travelled and implement width, with recording start and stop. GPS area calculation works for both field boundary area, and job coverage area or manual selection. Import and export field boundaries, and export job coverage trails, in KML format. Record field features as marked points with descriptions. (Android) \$10.71

AgriSite IPM. Streamline the communication and workflow between scouts, the agronomist and, the producer. AgriSite's iPad mobile app allows scouts to log geo-referenced field observations, field notes, and pictures. (iPad) Free

ArcGIS by ESRI. Extends the reach of a GIS from the office to the field. Users can query the map, search and find interesting information, measure distances and share maps with others. (Android, iPhone, iPad, Windows Phone) Free

AGRIplot. Automatically calculates the area enclosed by plotted points. One can even take pictures associated with a landmark or interest point for a visual representation. (iPhone, iPod Touch, iPad) \$0.99

Custom Maps. Custom Maps makes it easy to create GPS maps from map images, and those maps can be used anywhere, even when you have no data signal for your Android device (it works on both phones and tablets). (Android) Free

eCropScout. Is designed to be used by crop consultants, farmers, seed dealers, agronomists and agricultural professionals. eCropScout has been developed by Prairie Farm Club, Inc; a website used by the agricultural community to deliver real-time crop condition maps. eCropScout is integrated into our website (grainshed.com) to deliver real-time information about crop conditions. (Android, iPad) Free

eFarmer. Simple program for agriculture, which allows you to create an electronic map of fields to keep a history of growing crops in the fields, to take notes on the fields as points of interest, keep the location of objects in your farm, keep a diary of field operations for each field. (Android) Free

Farm at Hand. Know exactly what is happening on your farm from anywhere at anytime. Have access to information and open lines of communication when you need it the most to make the most informed decisions possible – saving you time and money. Farm At Hand allows multiple users and multiple devices to update, track and access your farming operation – everyone stays in the loop with the access you choose. Features include: field and activity management; commodity information such as storage, contracts and deliveries; equipment management such

as equipment information, and maintenance records; and various utilities such as conversion and yield calculators. Farm At Hand is taking farm management from the notebook to the cloud. (iPhone, iPad) Free

FarmPad. Use FarmPAD to enter farm records, equipment service logs, spray records and take notes or pictures. Draw your field boundaries with GPS or by hand. Sync to your web account where you can print reports, review history and draw and print field maps. (Android, iPhone, iPad) Download for free and register for a free 14 day trial - \$1950 one device, additional devices - \$250

FarmTracking. Enables you to draw your farm map, load and complete one job. Farm Tracking is an innovative, easy to use app that can be used for ordering, monitoring, measuring and recording the fertilizer spreading activities on your farms. It eliminates the need to manage separate notebooks, GPS imagery, and tracking job records - this is all in one app that provides you with online live tracking, and a permanent day-by-day record of all of the work activities undertaken. With exact hectares and spread rates known, your total fertiliser needs are calculated to the nearest kilogram for each and every job. (iPad) Free or \$74.99 (Android) \$200

FieldView. Extend the functionality of your 20/20 SeedSense® monitor with FieldView™ from Precision Planting. FieldView functions as a second display in your cab, so you can view real time, row by row maps of your planter's performance. Then, when planting is complete, simply remove the iPad from your cab and have all of your 20/20 data with you at your fingertips – at home, the office, or as a scouting tool in the field. (iPad) Free

Mobile Farm Manager – John Deere. John Deere Mobile Farm Manager enables instant on-the-go access to all your agronomic data. You can view any map and any report from any year. View historical applications. Analyze historical reports. Use your iPhone® or iPad® GPS to track your position within your fields. Generate grid zones and perform soil sampling tasks and more. (iPhone and iPad) Free

Pioneer® Field360™ Notes. Keep your fields at your fingertips and capture important information with this GPS powered field documentation tool. Pioneer® Field360™ Notes pinpoints your field location via satellite imagery so you can record notes or photos on the spot. Instantly organize your crop scouting information by location to save or share, putting timely growing season info in your hands. (Android, iPhone, iPad) Free

Precision Earth. App for collecting and displaying soil samples in the field. (iPhone, iPad) \$149.99.

iCropTrak. Have all your farm data available everywhere (even disconnected) and easily collect new or change existing data. iCropTrak is a flexible map based app that can be used with any crop: Corn, Soy, Cotton, Wheat, Sod/Hay/Alfalfa, Flowers, Tree Fruit and Nuts, Vegetables, and more. All changes are sent via wifi or cellular to your iCropTrak Amazon cloud account (DOMAIN) to support consolidating, formatting, reporting, and sharing your data. (iPhone, iPad) Free though requires upgrade for full features - \$600 for scouting features

RevId. An intuitive mobile app for agricultural retailers and professional crop consultants to identify, record, and report crop scouting issues. (iPad) Free

ScoutDoc. An easy to use field scouting app for farmers and professional crop agronomists. The app allows user to create or import a field map and save information collected when scouting or inspecting field crops. (iPad) \$49.99 and an additional \$49.99 for GPS options

ScoutPro – Corn. ScoutPro Corn is a user-friendly mobile field scouting app for farmers and agricultural industry professionals. The app allows users to scout and identify weeds, insects, disease and disorders while in the field. Users are then able to upload important field data, images and notes to generate field specific scouting reports. (Android Tablets and iPad) \$29.99

ScoutPro – Soy. ScoutPro Soybean is a user-friendly mobile field scouting app for farmers and agricultural industry professionals. The app allows users to scout and identify weeds, insects, disease and disorders while in the field. Users are then able to upload important field data, images and notes to generate field specific scouting reports. (Android Tablets and iPad) \$29.99

Sirrus. Allows you to digitize field boundaries, create soil sampling schemes, check current and historical weather conditions, and sync data with service providers. (iPad) Free

SoilWeb. Provides GPS-based, real-time access to USDA-NRCS soil survey data. The app retrieves graphical summaries of soil types associated with the user's current geographic location. (Android, iPhone) Free

Trimble Connected Farm – Scout. Change the way you use GPS for field mapping and scouting applications in agriculture. 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. (Android, iPhone, iPad) Free

Spray Application and Tank Mix Apps

FS Adjuvants. Designed to assist agricultural applicators with the proper tank mixing sequence of crop protection products. FS Adjuvants also captures product use rates and application information with Mix Sheets and conveniently maintains accurate Spray Logs for easy record keeping. (Android, iPhone) Free

Ground Spray – University of Nebraska. This application will allow custom applicators and growers the ability to easily predict the spray quality of their application before it is applied. The user can input nozzle type, spray angle, orifice size, spray pressure, and solution and the application will calculate the spray quality based on our research. The user will be able to save these results or e-mail them to another person or company. This application will also give the droplet size spectrum for the various input parameters which will allow the applicator to have a

sense of the potential of the spray to drift. (Android, iPhone) Free

Mix Tank from Precision Laboratories. Assists users in determining the mixing sequence for pesticides, adjuvants and foliar products. (iPhone, iPod Touch, iPad) Free

PeRK - Pesticide Recordkeeping – University of Nebraska. The Pesticide Recordkeeping App, or “PeRK”, is developed by the University of Nebraska-Extension Pesticide Safety Education Program. PeRK provides an easy, step-by-step data entry process to enter pesticide application data and meets all Nebraska recordkeeping laws for private and commercial/noncommercial pesticide applicators. Location is found by GPS or manually entered. Records are saved within the app and can be exported via email. (Android, iPhone, iPad) Free

Pesticide and Field Records. Record and maintain pesticide applications, link to specific field locations using satellite mapping, and keep other important crop production information with the Pesticide and Field Records app. Use the convenient product search option to quickly identify Environmental Protection Agency (EPA) product registration numbers and restricted use products. (iPad) Free

Spray Guide. Spray Guide from Plant Health Technologies is designed to assist agricultural applicators with the proper tank mixing sequence of crop protection products. Spray Guide also captures product use rates and application information with Mix Sheets and conveniently maintains accurate Spray Logs for easy record keeping. Following the proper mixing sequence helps users prevent product incompatibilities and can save applicators time and money by avoiding product loss and sprayer clean out problems. (Android, iPhone) Free

TankMix from DuPont. Allows users to calculate the amount of product or water needed to treat a specific field area, as well as the amount of product needed to get the volume-to-volume ratio. (iPhone, iPod Touch, iPad) Free

Tank Mix Calculator. Tank Mix Calculator is an easy to use farm app from TapLogic. This agriculture application is provided free for any farmer to use on their mobile device to quickly and easily generate a tank mix. Just enter your acreage, tank size, and carrier volume. Next, select your chemicals from our list or add your own. Tank Mix Calculator will then provide you with the number of loads required to spray your acreage, along with full and partial load mixes of the chemicals you selected. (Android, iPhone, iPad) Free

TeeJet SpraySelect. An app for broadcast and fertilizer spraying allows you to quickly and easily choose the proper tip for your application. Choosing the right nozzle takes just moments. Just enter speed, spacing and your target rate, select your drop size category and you have a list of tips that will work. (Android, iPhone) Free

Ag Machinery

AgCommand – AGCO Corporation. Want complete control of your machinery fleet? AGCOMMAND App allows you to monitor your operation from anywhere, anytime. (iPhone, iPad) Free

CaseIH – My Shed. Provides engineering's parts manuals, assembly diagrams, and part number lists for YOUR machines. Quickly find Genuine Case IH parts to create a parts list that you can easily send to your favorite dealer. (Android, iPhone, iPad) Free

JDLINK – John Deere. DLink™ is John Deere's telematics system designed for customers and managers who desire to take their operation to the next level of productivity and efficiency without leaving the office! Using JDLINK™ information to optimize a machine is no different than pulling a soil sample to identify what nutrients are needed to produce a high yield. Using the power of JDLINK™ can optimize productivity, increase uptime, and boost profits with JDLINK™ information all from a laptop, desktop, or mobile device. (iPhone, iPad) Free though requires JDLINK account for full features

Go Harvest - John Deere. The GoHarvest application gives combine operators the ability to optimize their machine as they enter the harvest season. Operators choose the model of combine and type of crop. GoHarvest suggests initial settings for that crop type. GoHarvest also features a notes section and photo functionality to give combine operators a premium experience when setting their machine. GoHarvest is also a great guide to use in field for settings changes as conditions differ, and to document changes made to settings during harvest. (iPhone) Free

iBand-It. New Bale Band-It Monitor app for iPad®! iBand-It brings a new level to the Bale Band-It's operation featuring an in-depth monitoring structure that informs the operator on bale and bundle counts, bales per hour, baler stroke gauge, Band-It operation status, busted bale alert, tie cycle, and bundle unloading. Features also include controls to manipulate the Band-It to tailor to your needs as well as a GPS mapping system that allows operators to see how well each field produces. iBand-It also provides performance information in key areas to prevent downtime, alerts of any maintenance needs, has a built in Band-It learning center and manual, in-depth step by step troubleshooting system! The iBand-it app connects to the Bale Band-It via Bluetooth. (iPad) \$9.99

K-State Machinery Sizing. Quickly estimate tractor horsepower to pull various implements. No more standing at farm auctions wondering if your tractor could pull an implement for sale. 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. (Android) Free

Trimble Connected Farm – Fleet. Monitor your entire fleet from any location with a smartphone or tablet. The Connected Farm™ fleet app is a powerful management tool for viewing live equipment GPS locations and current status information in order to increase fleet efficiency and productivity. Status information includes whether the vehicle is idling, moving, working or

delayed. Fleet managers can view alerts when a vehicle travels into a restricted zone or if it is operating during curfew hours. If a vehicle needs onsite assistance, the app provides turn-by-turn directions from your current position. (Android, iPhone, iPad) Free

News and Information Apps

agIndex. Get all the markets, weather, news and exclusive agronomic advice, in one quick-to-read dashboard. Newest push features agAhead yield trial results. Receive push notifications customized to your location and crop portfolio to keep up with changes in commodity pricing and insect and weather alerts. agIndex turns your smartphone or tablet into a complete agronomic information source, so you can stay fully informed while in the field or on the road. Brought to you by Asgrow®, DEKALB® and Deltapine® seed brands. (Android, iPhone, iPad) Free

AgriNews. The Illinois AgriNews and Indiana AgriNews editorial staff is in the field each week, covering topics that affect local farm families and their businesses. Some of the topics the staff reports on include crop and livestock management, agribusiness and new products, market information and national and state political issues. (Android, iPhone) Free

AgWeb News & Markets from Farm Journal. Provides latest in agriculture news and advice from AGWEB.com (Android, iPhone, iPod Touch, iPad) Free

Brownfield Mobile. Get news, weather, and market information from the nation's largest team of farm broadcasters at Brownfield Ag News. (Android, iPhone) Free

DTN/Progressive Farmer. Provides agriculture news, market data, interactive charts, cash grain prices, and real-time agriculture weather information (iPad) Free

DTN Weather Tools. The DTN Ag Weather Tools app for the Apple iPhone — enhanced to provide additional mobile decision support. The agriculture industry's first weather app delivers exclusive GPS-based roaming alerts, top-rated forecasts, touch screen interactive weather displays and unique ag commentary. This app helps producers improve operational planning with highly-local farm-level forecasts, and gives them advance notice to weather risks via customized alerts. (iPhone) Free through requires a subscription for full features

Growers Edge. Provides farmers the ability to easily obtain local, personalized information that is crucial to the success of their farming operation. (Android, iPhone) Free

IPM Toolkit – University of Wisconsin. This app allows you to read news articles, view videos, download publications, and access pictures which will aid you in adapting Integrated Pest Management (IPM) practices to your agricultural operation. (Android, iPhone, iPad) Free

TheMobileFarmer. The Mobile Farmer is a place for people in agriculture to share ideas and concepts around the topic of mobile technology. Whether your interests lie in certain platforms, apps or devices. (iPhone, iPad) Free

RealAgriculture. RealAgriculture.com is focused on the issues that are impacting agriculture. Our site is focused on getting you the opinions on the issues so that you not only get the news but the insight into what the news means to your business. Whether you are a farmer, employed in industry, or government we have content that is applicable to you and your business. (Android, iPhone, iPad) Free

Weather Channel. Features customizable local weather applications, including an ag app where growers can access soil moisture conditions, precipitation reports, forecasts, wind speed and direction. (Android, iPhone, iPod Touch, iPad) Free

Livestock Apps

Angus Mobile. The Angus Mobile app has been created by the American Angus Association and is designed for anyone with an interest in Angus Cattle. (Android, iPhone, iPad) Free

Animal Pregnancy Cycle. Allows you to quickly estimate the due date for pregnant pets and livestock. Or enter the date of birth for the animal and you can find the conception date. (Android) Free

Beef Producer. Whether you are a beef producer or anyone in the beef industry, the Beef Producer app gives you vital industry news and information to keep you current in this key business sector. CME/CBOT markets, cattle industry and national ag news, commentary, input prices and related business information are available with this convenient easy-to-use application. (Android, iPhone) Free

Body Condition Beef Cattle – University of Nebraska. A Tool for Managing the Nutrition Program for Beef Herds. This Tool includes an interactive learning activity that will teach you how to score Beef Cows while learning to use the Body Condition Score application features. Body condition scores (BCS) 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. (Android, iPhone, iPad) \$0.99 iOS and \$4.99 Android

Feed Cost Calculator – South Dakota State University. Allows livestock producers to compare two available feedstuffs based on their relative cost per pound of protein and energy delivered. The app provides book values for several feedstuffs. Edit these or add new feedstuffs as needed, providing as many values as are available. Feed Cost Calculator will return the delivered cost per pound of each feed and the break-even cost for the second feed as compared to the first. (Android) Free

Herd. The application to help you track your animals, presenting them clearly and efficiently on your iPhone, iPad or iPod Touch. (iPhone, iPad, iPod Touch) Free, but limited to 5 animals - \$16.99, unlimited animals

iCalve. Calving Records, Treatment Records, Herd Data, etc; iCalve has everything for keeping track of your cattle operation. Our App offers the required record keeping for beef operations while still allowing simplicity and ease of navigation. Stop wasting time and stress due to lost or

damaged paper record keeping. (iPhone) \$9.99

iCattleMgr. A utility to allow cattlemen to log cattle records on their iPhone and iPad. It can be used to record calving, breeding, vaccine and other treatments and any other pertinent records. (iPhone, iPad) \$9.99.

iHerd. Has been designed to simplify the herd management process for station owners and managers around the world. iHerd has a server backend which enables advanced management and reporting as well as allowing multiple devices synchronize your data. Thanks to industry support, this web service is FREE and allows registration, customization and entry of user details. Rivalling the most advanced cattle management software, the app regularly synchronizes all of your property and paddock data between managers. This gives you the ability to keep track of all your head, paddock details and property ID numbers whilst on the job. Other features include a treatment cabinet that keeps inventory of your on-site chemicals, including treatments your animals are receiving and many more. (Android, iPhone, iPad) Free

iLivestock – Farm Livestock. An app for farmer and smallholder with livestock to access and maintain their farm stock data, wherever they are. All core livestock information can be recorded, including animal data, births, deaths, comments, medicines, movements and weights. Data can be input manually or imported from external sources e.g. an EID stick reader via Bluetooth. (Android, iPhone, iPad) Free

iPastureMgr. A tool to help manage livestock grazing in agricultural environment, with the intent of providing efficient stewardship of pasture land to maximize profitability. (iPhone, iPad) \$12.99

Livestock Auction Calculator L. Livestock Auction Calculator L (LACL) is designed to enhance purchasing at livestock auctions by reducing the time spent performing complex calculations. Consequently, you should have more time to inspect livestock and consider making a bid. (Android) Free

Livestock Barcode Tag Scanner. This application is designed for farmers, ranchers, and livestock producers who want the capability to scan a barcode tag on their livestock and record/track important data about each one. Using the smartphone's camera, the barcode number is captured. Along with the scan code data, the time/date of the scan and user input data are saved on the device's SD card. (Android) \$1.99

Livestock Gestation Tables. A complete gestation chart for the 5 main species of farm animals is included along with access to a calendar so you can best determine when you want to breed your animals to have their babies at the best time of the year for your operation. (Android) Free

Livestock Manager. Livestock Manager is the most useful livestock application made to better your operation. The app syncs with all of your devices with your Apple ID, and all information is backed up on iCloud so you'll never lose your information. It individualizes its own page for every animal you have in your program. With five categories: Cattle, Horses, Sheep, Goats, and

Pigs, Livestock Manager lets you organize your operation into one place. (iPhone) \$10.99

Pocket PAM 2. Collect farm records, spraying, fertilizer, machinery, cropping related tasks, weather records, crop scouting records (with GPS), view your farm map, collect waypoints, keep your livestock records, pasture monitoring, inventory management of farm consumables. (Android, iPhone, iPad) Free

Pro Cattle Breeding. Track farming data inclusive of pre-mating heat, 1st heat, A.I. scan, dry off date, due date and healthy delivery. (Android) \$12.85

Ranch Manager – Lion Edge Technologies. Ranch Manager Software for the iPad or iPhone builds on the time-saving features of the Ranch Manager Desktop Software. This livestock management app can be used alone or in conjunction with the Ranch Manager desktop software. (iPhone, iPad) \$149.99

SDCES Grazing Records – South Dakota State University. The South Dakota Rangeland and Pasture Grazing Records app is designed to help ranchers and grassland managers keep accurate records of grazing use and range and pasture conditions. (iPhone) Free

ThermalAid – University of Missouri. This app is a decision-making tool for users to identify, monitor, and reduce heat stress in cattle to improve welfare and performance. In addition, it can be used as an educational device to increase student interest in climate and the environment. (iPhone) Free

Today's Mobile Cattle Rancher. Works as a standalone product or with Today's Rancher Desktop to give the modern livestock operation a complete solution for ranch asset management. (Android) \$9.95

RedBook - Alternative - Excel Spreadsheet. <http://www.beefusa.org/redbookworksheet.aspx>

This list of apps is not all inclusive; you are invited to inform us of others. Mention of specific apps does not imply recommendation or endorsement by University of Missouri Extension over other apps not on this list. Please contact myself of corrections or additions to this list at:

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Updated: 12/20/2013