

Apps for Agriculture

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This list has been compiled as a resource for clientele interested in apps with an agricultural use. Apps vary in utility and function depending on intended use; it is recommended that further personal research be done prior to downloading any of the apps listed. Many of the apps referenced in this publication are also available in a web-based format for those who are not currently using smartphones. Reference to commercial products or trade names is made with the understanding that no discrimination is intended, and no endorsement by Texas A&M AgriLife Extension or Texas A&M Agrilife Research is implied.

App	Description	Platform	Cost
	Water Cost. Texas A&M AgriLife Extension Service, calculates cost per acre and acre-inch of irrigation applied by entering fuel meter readings, hours of operation, gallons per minute, acres covered and cost of fuel per meter unit. Additionally, it calculates the acre-inches applied per acre.	iOS	Free
	Water-Calc. Texas A&M AgriLife Extension Service, Water Calc assists irrigators in the High Plains Underground Water Conservation District calculate their water use based on the alternative method established by the district. By entering beginning and ending fuel meter readings, the fuel type and county, a producer can calculate the acre inches applied for annual reporting purposes.	iOS	Free
	Crop Cost. Texas A&M AgriLife Extension Service, designed to help agricultural producers calculate their cost of production per crop unit to assist them in executing a successful marketing plan. The application is set up to calculate the variable and total cost of production per unit for cotton, corn, sorghum, peanuts and wheat.	iOS	Free

	<p>GO TEXAN is here to help. The free GO TEXAN app for iPhone helps you discover restaurants, wineries, farmers markets, pick-your-own farms, florists, nurseries, retailers and other businesses offering Texas products and services. The app also gives you access to Texas recipes, events, coupons and more.</p>	<i>iOS</i> <i>Android</i>	<i>Free</i>
	<p>ArcGIS. A great way to discover and use maps. Maps come to life in ArcGIS. Tap on the map or use your current location and discover information about what you see. You can query the map, search and find interesting information, measure distances and areas of interest and share maps with others. (Measure fences, property boundaries, area of a pasture/field)</p>	<i>iOS</i> <i>Android</i>	<i>Free</i>
	<p>Google Earth. Fly around the planet with a swipe of your finger with Google Earth for iPhone, iPad, and iPod touch. Explore distant lands or reacquaint yourself with your childhood home. Search for cities, places, and businesses. Browse layers including roads, borders, places, photos and more. Visit the Earth Gallery to find exciting maps such as real-time earthquakes, planes in flight, hiking trails, city tours, and more.</p>	<i>iOS</i> <i>Android</i>	<i>Free</i>
	<p>Baker Hughes Rig Counts. From Baker Hughes Incorporated, This is an interactive map application of Baker Hughes' US rotary rig counts. The Baker Hughes Rig Counts are an important business barometer for the drilling industry and its suppliers. The active rig count acts as a leading indicator of demand for products used in drilling, completing, producing and processing hydrocarbons. The US rig count is released weekly at noon central time on the last day of the work week.</p>	<i>iOS</i>	<i>Free</i>
	<p>AGRIplot allows you to plot any area on a map. Simply walk around your property and add a landmark point, or drag and drop pins anywhere on the map. AGRIplot will automatically calculate the area enclosed by the points and provide the distances between each point. Interest points allow you to identify additional features for your plot. You can even take pictures associated with each landmark or interest point for a visual representation.</p>	<i>iOS</i> <i>Android</i>	<i>Free</i>
	<p>SoilWeb. USDA–National Resources Conservation Service soil survey information at the touch of a button. The app works with your phone's GPS receiver to identify soil properties anywhere in the lower 48 states where there is cell phone coverage.</p>	<i>iOS</i> <i>Android</i>	<i>Free</i>

	<p>PrecisionEarth. The PrecisionEarth soil sampling app makes it easier to collect grower, field and soil sampling data. The app uses only open standards so the data you load and the data you export will work with your current GIS, Web and desktop applications seamlessly. Users can load and display directed sampling layers and boundary vectors, export soil sampling location and display background maps.</p>	<i>iOS</i>	<i>Free</i>
	<p>Soil Test Pro. Developed by TapLogic, this GPS-enabled app makes soil sampling for the farm easier than ever. Features include unlimited access to FarmLogic's precision ag specialists, aerial imagery of all maps, and test results in 5-7 days.</p>	<i>iOS</i> <i>Android</i>	<i>Free</i>
	<p>The Weather Channel. Looking for the most accurate weather information available? The Weather Channel's staff of 200+ meteorologists, along with our patented ultra-local TruPoint(sm) weather technology, allow us to provide you with the weather tools you need to plan your day, week, or even the next hour.</p>	<i>iOS</i> <i>Android</i>	<i>Free</i>
	<p>Weather Underground. There are many weather apps, and this one holds up as well as any of them. Lots of information is available, including temperature, visibility and humidity. View hourly and seven-day forecasts, too.</p>	<i>iOS</i> <i>Android</i>	<i>Free</i>
	<p>DTN/The Progressive Farmer. Get the agriculture industry's most powerful content app specifically designed for the iPad. This app meets your information needs with access to award-winning agriculture news, commodity market data, and industry-specific weather intelligence.</p>	<i>iOS</i> <i>Android</i>	<i>Free</i>
	<p>AgWeb. Get the latest agribusiness news and advice. Read ag management news, farm business blogs and articles from one trusted source AGWEB.com</p>	<i>iOS</i> <i>Android</i>	<i>Free</i>

	<p>Commodity Prices. Track corn, soybeans, wheat, cotton, lean hogs, live cattle, feeder cattle and more. The app has a clean interface and is simple to operate. As one Android Market reviewer commented, it is "dead-on right all day, every day."</p>	<i>iOS</i> <i>Android</i>	Free
	<p>Cash Grain Bids. Simply input your ZIP code to find out cash bids and base levels in your area. Get bids from the five elevators closest to you.</p>	<i>iOS</i> <i>Android</i>	Free
	<p>Dynamic Pricing Platform (DPP). This mobile app allows farmers the ability to view cash grain prices, basis levels and to make, manage, and monitor firm offers at their convenience. (<i>Android, iPhone</i>)</p>	<i>iOS</i> <i>Android</i>	Free
	<p>USDA News Reader. Create your own news feeds, learn about recovery plans and programs, and easily navigate the massive USDA website in a mobile-friendly environment.</p>	<i>iOS</i>	\$0.99
	<p>CropNATION. cropNATION is a virtual social network for farmers to share information, images of their crops and track agriculture trends in their region. The app has been recognized by CropLife America and has received the AgGateway Information Technology Innovation Award.</p>	<i>iOS</i> <i>Android</i>	Free
	<p>Farm Manager. The Farm Manager app allows farmers to record cropping, livestock, and machinery procedures, and access this information with ease. Users can record full history of crops from when they are sown through to harvested; record chemical and fertilizer use, including type, rate, and date applied; and keep track of machinery maintenance.</p>	<i>iOS</i>	Free

	<p>FarmPAD. This app from TapLogic allows users to enter farm records, equipment service logs, spray records and take notes or pictures. You can also draw 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. (<i>Android, iPhone, iPad</i>)</p>	<i>iOS</i> <i>Android</i>	<i>Free</i>
	<p>Virtual Farm Manager. This subscription-based service helps you store, view and log information about your fields. There are many other management apps; this one is notable because it was developed by farmers Jacob Fannik of Max, N.D., and Ryan Raguse of Wheaton, Minn.</p>	<i>iOS</i> <i>Android</i>	<i>Free</i>
	<p>Ag PhD. 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.</p>	<i>iOS</i> <i>Android</i>	<i>Free</i>
	<p>ScoutPro Corn. 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.</p>	<i>iOS</i>	\$29.99
	<p>Aphid Speed Scout. This app from the University of Nebraska-Lincoln Extension quickly determines if soybean aphids have reached the 250 aphids per plant threshold. Plants are considered "infested" if there are 40 or more aphids on that sample. The app also recommends further scouting or treatment options based on the number of infested plants in a given area.</p>	<i>iOS</i>	<i>Free</i>
	<p>MyTraps. This subscription-based service allows farmers and consultants to place insect traps wherever they want and then track the movement of insect pests across their fields throughout the season. This provides data that helps users to more accurately target their insecticide applications to areas where there are concentrated populations.</p>	<i>iOS</i>	<i>Free</i>
	<p>NutriAg. Check to find out what products are compatible with the Tank Mix Compatibility tool, use our Deficiency Chart to find solutions for nutrient deficiencies in your crops, or find information on our products.</p>	<i>iOS</i>	\$29.99

	<p>Agrian Mobile. View product labels and material safety data sheets for more than 8,000 crop protection products. Browse usage rates, preharvest and re-entry intervals, worker safety information and more.</p>	<i>iOS</i>	<i>Free</i>
	<p>Spray Guide. From Plant Health Technologies is designed to assist agricultural applicators and farmers with the proper tank mixing sequence and to conveniently maintain accurate spray logs for easy record keeping. KEY FEATURES - Receive a recommended mixing order based on the products selected, Spray logs with stopwatch and alerts for convenient and accurate record keeping, Available weather integration provides wind speed and direction, temperature and conditions in the spray log, GPS records location in the spray logs, Notes field in spray logs for capturing water volumes per acre, nozzle type, and other free form notations, Mixing precautions, Easily edit tank mixes, Enhanced email sharing, News feed, Request a compatibility test kit to determine if products are compatible before adding them to your sprayer.</p>	<i>iOS</i> <i>Android</i>	<i>Free</i>
	<p>SpraySelect. By TeeJet Technologies, this App allows you to quickly and easily choose the proper tip or nozzle for your application. Just enter speed, spacing and your target rate, Select your drop size category and you have a list of tips that will work for your application. The right nozzle is just a few seconds away.</p>	<i>iOS</i> <i>Android</i>	<i>Free</i>
	<p>Mix Tank 2.0. Calculate the proper mixing order of tank mix. After determining the tank-mix parameters, you can create field notes on volume per acre, nozzle type, etc., for better record keeping</p>	<i>iOS</i> <i>Android</i>	<i>Free</i>
	<p>Syngenta TankCalc. The Syngenta TankCalc is a unique tool for easy and efficient calculation of filling plans for spraying. It saves time and ensures high accuracy in the tank mixing based on area, tank size, product, dosage and driving speed. The TankCalc has features like: Filling plan with the amount of products, water and number of tanks, Summary with the total consumption of products and water, Recommendation for choice of ISO nozzles, Special features minimizes filling- and driving time</p>	<i>iOS</i> <i>Android</i>	<i>Free</i>

	<p>The DuPont TankMix Calculator Application allows you to easily calculate the amount of product you will need to treat a specific field area, the amount of product you need to apply to a specific tank size, the amount of water you'll need to treat a specific field area or the amount of product you need to get the desired Volume to Volume ratio.</p>	<i>iOS</i>	<i>Free</i>
	<p>Spray Lite. * Replaces the manual spray log * Records & Stores Spray sheets in one place * Export data in CSV format * Stores Chemical details * Stores all historical chemical applications * Live feed of information from the operator as it happens</p>	<i>iOS</i>	<i>Free</i>
	<p>Calibrate My Sprayer. Improperly calibrated pesticide spraying equipment may cause either too little or too much pesticide to be applied. This free mobile app was created to aid in the proper calibration of spraying equipment. Simply select the type of sprayer you want to calibrate (Broadcast or Banded), insert values in each input box, select what you want the app to calculate (Volume/Area or Catch/Nozzle), and tap 'Calculate'. Each input's units can be customized by tapping the units. Sprayers can be saved with user-defined names.</p>	<i>iOS</i>	<i>Free</i>
	<p>TX Range ID. The Guide provides a listing and details of all 129 plants in the application. Each plant includes a detail page with information such as the common and scientific name, a pronunciation guide for the scientific name, a short description of the species including the growth season, native or non-native status, and the wildlife and grazing value.</p>	<i>iOS</i>	\$1.99
	<p>ID Weeds. Produced by the University of Missouri's College of Agriculture, Food and Natural Resources' Division of Plant Science. ID Weeds 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.</p>	<i>iOS</i>	<i>Free</i>
	<p>LeafsnapHD. The first in a series of electronic field guides being developed by researchers from Columbia University, the University of Maryland, and the Smithsonian Institution. This free mobile app uses visual recognition software to help identify tree species from photographs of their leaves. Leafsnap contains beautiful high-resolution images of leaves, flowers, fruit, petiole, seeds, and bark. Leafsnap currently includes the trees of the Northeast and will soon grow to include the trees of the entire continental United States.</p>	<i>iOS</i>	<i>Free</i>

	<p>Invasive Plants in Southern Forests. By Charles T. Bargeron, is a field guide for the Identification of Invasive Plants. Invasions of nonnative plants into forests of the Southern United States continue to go unchecked and only partially unmonitored. These infestations increasingly erode forest productivity, hindering forest use and management activities, and degrading diversity and wildlife habitat.</p>	<i>iOS</i>	<i>Free</i>
	<p>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.</p>	<i>iOS</i> <i>Android</i>	<i>Free</i>
	<p>Optimizer 2.0. Farmers can better predict corn yields using this site-specific app developed by Advanced Ag Solutions. Optimizer 2.0 provides farmers with data through a daily text message and a Web login portal. Messages include the projected corn yield and the most limiting factor for their farm. Projections are made based on variety of seed, soil type, weather data and other limiting factors.</p>	<i>iOS</i>	<i>Free</i>
	<p>YieldCheck. Developed by Precision Planting, YieldCheck provides growers with a simple way to calculate and store corn yield estimates. Users can organize estimates based on client, farm and field. They can also see the location of all of their estimates on a map with satellite imagery. For example, users can simply enter kernel counts for three ears of corn and reveal the amount of bushels they can expect this fall.</p>	<i>iOS</i>	<i>Free</i>
	<p>Nutrient Removal. The Mosaic Co.'s new app provides growers and retailers with valuable nutrient removal data in support of higher yields. Utilizing years of agronomic research, the Nutrient Removal app is a next-generation take on the data previously seen in the "Balanced Crop Nutrition" guide. The app also allows users to test potential yields, generating results that are crop- and region-specific.</p>	<i>iOS</i> <i>Android</i>	<i>Free</i>
	<p>Corn N Rate Calculator. This app is designed to assist producers in selecting a Nitrogen (N) rate that improves profitability when N 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.</p>	<i>iOS</i> <i>Android</i>	<i>Free</i>

	<p>Corn Planning Calculator. This app provides real-time useful calculations for the planting of corn from specific inputs resulting in the correct spacing of the corn being planted. Inputs such as population desired, cost per acre, seed counts and spacing in inches or metric format are achieved.</p>	<i>iOS</i>	<i>Free</i>
	<p>Grain Shrinkage Calculator. The Grain Shrinkage Calculator returns the results for the number of bushels after the moisture removal from field to storage for seven common grains: corn, wheat, soybeans, oats, barley, buckwheat, and rye.</p>	<i>Android</i>	<i>Free</i>
	<p>JD Link. This equipment management app from John Deere is a telematics system designed to remotely connect owners and managers to their equipment, providing alerts and machine information including location, utilization, performance and maintenance data to manage where and how equipment is being used.</p>	<i>iOS</i>	<i>Free</i>
	<p>FieldView. This app extends the functionality of a 20/20 SeedSense monitor from Precision Planting. FieldView functions as a second display in the cab, so users can view real time, row-by-row maps of their planter's performance. Then, when planting is complete, simply remove the iPad from your cab and have all of the 20/20 data with at your fingertips.</p>	<i>iOS</i>	<i>Free</i>
	<p>Seed to Harvest. A complete crop and field record-keeping tool designed with the small organic farmer in mind. Key features include: Record detailed planting information including cultivar, location, amount, date, and an unlimited number of transplanting records. Track inputs, harvest records, and sales by cultivar and location. Generate complete PDF reports of crop and field activity. Internet access is required to generate reports.</p>	<i>iOS</i>	<i>\$9.99</i>
	<p>Cattle Talk Mobile. Designed to help cattle producers monitor current prices across the United States. This app displays market reports compiled by the USDA for 20 different states. Where available, users can view reports on feeder steers, feeder heifers, feeder bulls, slaughter steers, slaughter cows, and slaughter bulls. States included: Alabama, Florida, Georgia, Illinois, Iowa, Kansas, Kentucky, Missouri, Nebraska, North Carolina, North Dakota, Oklahoma, South Carolina, South Dakota, Tennessee, Texas, Virginia, Washington, West Virginia, Wyoming</p>	<i>iOS</i> <i>Android</i>	<i>Free</i>

	<p>Crystalyx BCS. The app offers the ability to snap profile pictures of your cows and compare them to reference photos of cows that represent Body Condition Scores from 1 to 9.</p>	<i>iOS</i> <i>Android</i>	<i>Free</i>
	<p>Beef Cattle EPDs. The Beef Cattle EPD Resource Guide App has been created to be used as an educational tool. Establishing a basic beef cattle genetics education is important to help producers make more educated breeding decisions. Establishing a basic EPD education can lead to the understanding and implementation of new DNA technology in the beef industry.</p>	<i>iOS</i> <i>Android</i>	<i>Free</i>
	<p>Livestock Manager. A lot of mobile apps are targeted to livestock producers. This particular one allows users to track various information about their animals, including parentage, transport information, medicine administration and more.</p>	<i>Android</i>	<i>Free</i>
	<p>Herd – Animal and Livestock Management. The application to help you track your animals, presenting them clearly and effectively on your device. The free version of Herd is limited to 5 animals, and this can be upgraded to an unlimited number in the app purchase</p>	<i>iOS</i>	<i>Free</i>
	<p>iLivestock – Livestock Manager. iLivestock has been designed for use by farmers in the livestock industry to assist with recording and editing animal information in the field. As well as giving farmers the ability to access and maintain all their records wherever they are, it captures the core information necessary to be compliant with livestock management legislation in many regions. Data can be input manually or imported from external sources e.g. an EID stick reader connected via Bluetooth to your device.</p>	<i>Android</i>	<i>Free</i>