

Purdue Ag Apps Listing

Name of Tool	Company/Organization	Country of Origin	State of Origin	Application Summary	Keywords	App Category	How to download/use it	App Type	App Cost(s)	Other Cost	Website	Link to App Source	Alternative App Source
NDSU Pest Management	North Dakota State University	US	North Dakota	Combines information from the North Dakota State University Weed Guide, Disease Management Guide, and Insect Management Guide that is grouped by crop and pest. Provides users with control options to select additional information for further review.	Weeds, Weed ID, Disease, Disease ID, Insects, Insect ID, Field Management, pest, pesticide, insecticide, herbicide, fungicide	Pest	Available on the App store and Google Play	IOS, android	Free	-	NDSU Extension Pest Management	Apple Store	Google Play Store
North Dakota Crop Nitrogen Calculator	North Dakota State University	US	North Dakota	This application provides three NDSU crop nitrogen recommendation calculators for use in North Dakota corn, spring wheat, and sunflower, 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.	corn, wheat, sunflower, Nitrogen, Fertility, Fertilizer, Nutrients, Yield, ROI	Crops	Available in the App store and Google Play store	IOS, android	Free	-	NDSU Crop and Pest Report	Apple Store	Google Play Store
Crop Nutrient Advisor	Nutrient Technologies	US	-	Nutrient Technologies' Crop Nutrient Advisor mobile app allows agricultural producers to instantly identify crop nutrient deficiencies; get product recommendations; check spray tank compatibility; download label and SDS	Nutrient Management, Fertility, Fertilizer, Spray, Sprayer, label	Crops	Available in the App store and Google Play store	IOS, android	Free	-	Nutrient Technologies	Google Play Store	Apple Store
Ohio State PLOTS	Ohio State University	US	Ohio	users can create on-farm trials that compare hybrids, fertilizer rates, stand counts, and more. Available to producers, OSU Extension educators, agronomist and consultants, this intuitive application provides meaningful interpretations of individual trials.	On-farm trials, strip trials, on-farm research, trials, hybrids, varieties, fertilizer rates, plant population	News/Education	Available in the App store and Google Play store	IOS, android	Free	-	Nutrient Technologies	Google Play Store	Apple Store
Return on Nitrogen Investment	Oklahoma State University	US	Oklahoma	This app is designed as a tool in determining economic nitrogen (N) rates. This calculator determines the return on investment (ROI) of N fertilizer for multiple crops under two different scenarios. The first scenario is that yield fertilized for is not realized. The other scenario is if the producer under fertilizes for the environment.	Nitrogen, Fertility, Fertilizer, Nutrient Management, ROI	Business	Available in the App store and Google Play store	IOS, android	Free	-	OSU Division of Agricultural Sciences and Natural Resources	Apple Store	Google Play Store
Sirrus	SST Software Inc.	US	-	Manage the soil on your fields efficiently and with precision. Sirrus for iPad has what is needed for intensive soil sampling services so you can make informed fertility decisions. Upgrade to Premium to edit recommendations in the field and make treatment adjustments.	Soil Sampling, Fertility, Nutrient Management, VRT, Variable Rate Treatment	Soil	Available on the App store	IOS	Free	Yes, SaaS	Sirrus	Apple Store	Google Play Store
TankCalc US	Syngenta Agro Ag	US	-	The Syngenta TankCalc app was specifically designed to assist in the process of calculating and filling plans for spraying. The app saves time and users can be assured top quality accuracy in the tank mixing base area, tank size, product, dosage and driving speed. The application is based on the United States customary system of measurement.	Spray, Sprayer, Tank Mix, Calibration	spraying/spreading	Available on the Google Play Store	Android	Free	-	Syngenta	Google Play Store	-
TeeJet SpraySelect	TeeJet	US	-	Provides a listing of suggested tips for a specific spray operation including drop size information.	Spray, Sprayer, Calibration, Pesticides, Herbicides, Fungicides, Insecticides, tips	spraying/spreading	Available on the App store and Google Play	IOS, android	Free	-	TeeJet Technologies	Google Play Store	Apple Store
Cow Poop Analyzer	Texas A&M AgriLife Extension Service	US	Texas	Cow Poop photographs are compared with stock photos to determine the approximate crude protein and digestibility of forage/food.	Manure, Forage, Digestibility, Crude Protein	Livestock	Available in the App store	IOS	Free	-	Texas A&M Extension	Apple Store	-
Pollination Network	The Pollination Network	US	-	The Pollination Network app connects beekeepers and growers to provide easily accessible, mutually beneficial, and quality-assured partnerships	Honeybees, Bees, Pollination, beekeepers	Crops	Available in the App store and Google Play store	IOS, android	Free	-	Pollination Network	Google Play Store	Apple Store
Trimble Ag Mobile	Trimble	US	-	Field record keeping, crop scouting, mapping, grid sampling and management of crop inputs.	Field management, Row Crops, Scouting, Mapping, GPS, Grid Sampling, Inputs	Technology	Available on the App store and Google Play	IOS, android	Free	Trimble products	Trimble Agriculture	Google Play Store	Apple Store
Take action	United Soybean Board	US	-	Take action against resistant weeds, diseases and insects. The Take Action app gives you tools to diversify your sites of action (SOAs) and modes of action (MOAs) to prevent resistance from creeping up on you.	Modes of Action, pesticides, herbicides, insecticides, fungicides, SDS, labels, Group numbers, pest, pest control, Sites of Action	Pest	Available in the App store and Google Play store	IOS, android	Free	-	Take Action Pesticide-Resistance Management	Google Play Store	Apple Store
SoilWeb	University of California Davis	US	California	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.	Soil Mapping, Soil, SSURGO, Soil Types	Soil	Available on the App store	IOS	Free	-	UC Davis California Soil Resource Lab	Apple Store	Google Play Store
EDDMapS IPM	University of Georgia	US	Georgia	EDDMapS IPM is used for reporting and viewing data on pests in different counties in USA.	IPM, Integrated Pest Management, pests, insects, weeds, disease	Pest	Available in the App store and Google Play store	IOS, android	Free	-	University of Georgia EDD Maps	Apple Store	Google Play Store
Herbicide Injury ID	University of Missouri	US	Missouri	The Herbicide Injury ID app helps you diagnose plant damage that may have been caused by herbicides	Herbicides, Injury, Herbicide Injury, plant damage	spraying/spreading	Available in the App store and Google Play store	IOS, android	Free	-	University of Missouri Herbicide Injury ID	Google Play Store	Apple Store

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IPM Toolkit	University of Wisconsin	US	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.	IPM, Corn, Soybean, Cotton, Row Crops, Insects, disease, weeds, pesticide, herbicide, fungicide, insecticide	Pest	Available on the App store and Google Play	iOS, android	Free	-	Integrated Pest and Crop Management	Apple Store	Google Play Store
NPK Credits - Manure and legume nutrient credit calculator	University of Wisconsin	US	Wisconsin	Calculate the plant-available nitrogen (N), phosphorus (P2O5), potassium (K2O), and sulfur (S) nutrient credits of manure from various livestock species that are applied to cropland fields. One can also calculate the N credit available to crops that follow forage legumes in the rotation.	Fertilizer, Fertility, Nutrients, Manure, N credit	Crops	Available in the App store and Google Play store	iOS, android	Free	-	Integrated Pest and Crop Management	Apple Store	Google Play Store
Corn N Rate Calculator	University of Wisconsin	US	Wisconsin	Assists producers in selecting a nitrogen (N) rate that improves profitability when nitrogen and corn prices fluctuate.	Fertilizer, Fertility, Nitrogen, Corn	Crops	Available in the App store and Google Play store	iOS, android	Free	-	Integrated Pest and Crop Management	Apple Store	Google Play Store
N Price Calculator	University of Wisconsin	US	Wisconsin	Converts the price of individual nitrogen fertilizer sources from price per ton to price per pound of N.	Fertilizer, Fertility, Nitrogen, Corn	Business	Available in the App store and Google Play store	iOS, android	Free	-	Integrated Pest and Crop Management	Apple Store	Google Play Store
Citrus Pests Key	USDA	US	-	The Citrus Pests Key app from the United States Department of Agriculture is designed to assist users in identifying various insect pests. The app provides illustrations and fact sheets for numerous citrus pests to help in the identification process.	Fruits, citrus, insects	Pest	Available in the App store and Google Play store	iOS, android	Free	-	USDA	Google Play Store	Apple Store
Fruit PestFinder - Western US	Utah State University Extension	US	Utah	The Fruit PestFinder - Western US app, developed by Utah State University Extension IPM Program, is a great resource for finding information on different diseases and insects located throughout western United States. The app provides over 70 differing pests for different types of crops, such as pear, peach, plum, apple, cherry, and nectarine. For each pest users can find symptoms, biology, and proper management methods. This app also lists the beneficial insects that can help with the management of pests.	diseases, insects, fruit, pest, pest management, beneficials	Pest	Available in the App store and Google Play store	iOS, android	Free	-	Utah State University Extension	Google Play Store	Apple Store
SoluDrip	Vital Fertilizers	US	-	Find the exact amount of nutrition for the crop at whichever stage of its life it's at. *Primarily used for vegetable production.	Vegetables, Fertility, nutrients, nutrition, plant nutrition, Fertilizer	Crops	Available in the Google Play store and web	android, web	Free	-	Vital Fertilizers	Google Play Store	-
Weather by Weatherbug	Weatherbug	US	-	Provides fast weather alerts while viewing real-time weather conditions and hourly forecasts.	weather	Weather	Available in the App store and Google Play store	iOS, android	Free	in app purchases	WeatherBug	Apple Store	Google Play Store
Fertilizer Blend Calculator	Wide Brothers Farms Ltd	Canada	-	A calculator to determine the proper fertilizer blend weights and costs as well as various weights and volumes of net elements in the blend	Fertilizer, Fertility, Nutrients, Application rates	Crops	Available on the App store	iOS	4.99	-	None	Apple Store	-
Yara CheckIT	Yara	Global	-	Quickly identify possible nutrient deficiencies. CheckIT has been designed to operate in rural locations with low signal strength.	Nutrients, Nutrient deficiency	Crops	Available in the App store and Google Play store	iOS, android	Free	-	Yara International	Google Play Store	Apple Store
AgWired	ZimmComm New Media	US	-	AgWired is an online community for everyone involved in agricultural marketing and communications, including farmers, ranchers, agribusiness, farm groups, ag media, freelancers and advertising and public relations agencies.	Agriculture Marketing, Agriculture Communications, Farmers, Ranchers, agribusiness, news	News/Education	Available in the App store	iOS	Free	-	AgWired	Apple Store	-
Ag Decision Maker	Iowa State University	US	Iowa	Many decision tools for Crop Decisions, Livestock Decisions, Whole Farm decisions, and Business Development such as: Cost & Return, Markets, Outlook and Prices, Finance, and Machinery	Cost & Return, Markets, Prices, Finance, Machinery, crop decisions, livestock decisions, farm management, farm decisions, fruit, hay, vegetables, agriculture economics, crop rotation, breakeven, ARC, Cover crops, silage, corn stover, biomass, pasture, fencing, cattle, swine, sheep, ROI, return on investment, land prices, land value, land rent, farmland rent	Business	web only	web	Free	-	Iowa State University Extension and Outreach	-	-
Canola Doctor	North Dakota State University	US	North Dakota	The NDSU Canola Doctor delivers critical information on diseases and pests, including alerts, the Sclerotinia risk map and risk calculator, images and management tools to optimize canola production in North Dakota.	Canola, diseases, pest, weeds, nutrient deficiency, herbicide damage	Crops	Available in the App store	iOS	free	-	NDSU Crop and Pest Report	Apple Store	-
Sugarbeet Production Guide	North Dakota State University	US	North Dakota	The Sugarbeet Production Guide provides useful information to assist North Dakota and Minnesota sugarbeet growers in making timely management decisions. The app brings critical information about sugarbeet cultivation, from seed to harvest at your fingertips.	Sugarbeet, diseases, pest, weeds, nutrient deficiency, crop records	Crops	Available in the App store	iOS	free	-	NDSU Crop and Pest Report	Apple Store	-
360 Soil Scan	360 Yield Center	US	-	A portable soil lab that provides soil nitrate and pH analysis to enable more accurate and timely nutrient management.	Soil nitrate, Nitrogen, Soil Sampling, Nutrient, Nutrient Technology management	Weather	Available on the App store	iOS	Free	Yes the soil lab equipment	360 SoilScan	Apple Store	-
AccuWeather: Weather Forecast & Real Time Reports	AccuWeather	US	-	View minute-by-minute precipitation forecast, hyperfocalized to your farm and field.	weather	Weather	Available in the App store and Google Play store	iOS, android	Free	in app purchases	AccuWeather	Google Play Store	Apple Store

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AgScouter	Ag Grow Consulting	Canada	-	A field scout reporting app designed to record crop rotation history, observations made by the scout throughout the crop year and recommendations for crop treatments. The observations include a detailed description of any weeds, disease or insects found during a visit to the field. The product recommendations are made from a detailed, up-to-date list of chemicals on the market specific to each crop. The scout is able to create a report for the farmer or the farmer can log in and access observations and product recommendations made on their farm.	Scouting, field scouting, field inspection, pests, disease, insects, weeds, field crops, farm management, field management	Crops	Available on the App store	iOS	Free	-	Ag Grow Consulting Ltd.	Apple Store	-
SureTrack FARM	Ag Growth International, Inc. (AGI)	US	-	AGI SureTrack™ is an independent hardware and software platform that collects real-time data from field activity, machinery, and equipment to drive profit through efficiencies and market transparency. IoT enabled devices and sensor technology fuel data from seed to market, including weather stations (FieldDataManager™), farm machinery (Farmobile PUC™ device), bin monitoring (BinManager™), fill level alerts (TankManager™), and automated grain conditioning (DryerManager™).	Farm management, data, machine data, agronomic data, real-time, IoT, logistics	Technology	Available on the App store and Google Play	iOS, android	-	Integrated with AGI SureTrack hardware and software suite	AGI Suretrack	Apple Store	Google Play Store
IntelliFarms Bluetooth	Ag Growth International, Inc. (AGI)	US	-	The IntelliFarms app allows users to connect via bluetooth to their commodity storage management systems on-site, providing live temperature and moisture readings for their commodity. Management systems that are accessible with this app include BinManager, PeanutManager, PecanManager and PistachioManager. Users have the ability to view the current status of their grain or nuts and make modifications to current settings in order to optimize storage conditions and dry commodities to profitable targets.	Storage management, grain storage, grain monitoring, commodity monitoring, grain temperature, grain bin	Technology	Available on the App store and Google Play	iOS, android	-	Integrated with AGI SureTrack hardware and software suite	AGI Suretrack	Google Play Store	Apple Store
Ag Leader AgFiniti Mobile	Ag Leader	US	-	View and report data within the Ag Leader cloud environment. Capabilities include mapping, detailed summaries, and ability to query specific locations or drawn areas on maps.	Field Management, Scouting, GPS	Technology	Available on the App store	iOS	Free	\$495 / yr	Ag Leader	Apple Store	-
Ag PHD Nutrient Deficiencies by Crop	Ag PhD	US	-	The Ag PhD Crop Nutrient Deficiencies app helps growers determine fertility issues in their fields. Users can search for deficiencies by nutrient type or browse photos of crops to find the image that most closely matches the fertility issue in their fields. Complete with photos and descriptions of numerous nutrient deficiencies in a wide variety of crops, this app gives users an additional tool to determine field problems and make fertility decisions.	Nutrient Deficiency	Crops	Available on the App store and Google Play	iOS, android	Free	-	AgPHD	Apple Store	Google Play Store
Ag PHD Planting Population Calculator	Ag PhD	US	-	The Ag PhD Planting Population Calculator aids you in determining planting population and stand counts for the crops on your farm.	Planting population, seeding rate, plant stand, stand counts	Crops	Available on the App store and Google Play	iOS, android	Free	-	AgPHD	Apple Store	Google Play Store
Ag PHD Soils	Ag PhD	US	-	Ag PhD Soils provides you with an accurate tool for soil sampling. Designed to save you money and maximize your yields, Ag PhD Soils provides you with unmatched soil testing expertise at your fingertips.	Soil, Soil sampling, soil fertility	Soil	Available on the App store and Google Play	iOS, android	Free	-	AgPHD	Apple Store	Google Play Store
Ag PHD GDU Calculator	Ag PhD	US	-	The Ag PhD GDU Calculator is a reference for corn and wheat growers to determine the amount of Growing Degree Units for their crops in the current crop season. Includes day-by-day breakdown of temperature and GDU data and has the option for push notifications informing growers of potential problems in their fields based on their crop growth stage, as calculated by the crop GDU from planting date.	GDU, GDUs, GDUs estimate, GDD, Growing Degree Day, Growing Degree Unit	Crops	Available on the App store and Google Play	iOS, android	Free	-	AgPHD	Apple Store	Google Play Store

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Ag PHD Harvest Loss Calculator	Ag PhD	US	-	The Ag PhD Harvest Loss Calculator 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.	Harvest loss, harvest loss calculator	Crops	Available on the App store and Google Play	iOS, android	Free	-	AgPhD	Apple Store	Google Play Store
Ag PHD Fertilizer Removal	Ag PhD	US	-	The Ag PhD Fertilizer Removal by Crop application is a great 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.	Fertility, Fertilizer, Nutrients, Nutrient Deficiency, Nutrient Absorption	Crops	Available on the App store and Google Play	iOS, android	Free	-	AgPhD	Apple Store	Google Play Store
Ag PHD Modes of Action	Ag PhD	US	-	Browse herbicides, pesticides, and fungicides. View and read about active ingredients, labels, and safety information. Suggests pesticide plans.	Spray, Sprayer, Calibration, Pesticides, Herbicides, Fungicides, Insecticides	spraying/spreading	Available on the App store and Google Play	iOS, android	Free	-	AgPhD	Apple Store	Google Play Store
Ag PHD Spray Tips Guide	Ag PhD	US	-	Tip selection tool based on equipment and spray operation. Select by chemical company or product name to obtain suggestions based on product label.	Spray, Sprayer, Calibration, Pesticides, Herbicides, Fungicides, Insecticides, tips	spraying/spreading	Available on the App store and Google Play	iOS, android	Free	-	AgPhD	Apple Store	Google Play Store
AgPHD Field Guide	Ag PhD	US	-	The Ag PhD Field Guide app allows growers to easily identify pests in the field. The app provides a library of weeds and insects by name/photo and offers control recommendations. Users will also have access to the latest agronomy information through regular newsletters. This is a good app for insect pest detection.	Weeds, Insects, disease, disorder, Scouting, Field Scouting, pests	Pest	Available in the App store and Google Play store	iOS, android	Free	-	AgPhD	Apple Store	Google Play Store
Ag PHD Corn Diseases	Ag PhD	US	-	Disease identification and diagnostic guide for corn. Content includes disease description, symptoms, and similar diseases, conditions that favor a disease, and suggested management options.	Corn, Corn Production, diseases, physiology	Pest	Available on the App store and Google Play	iOS, android	Free	-	AgPhD	Google Play Store	Apple Store
Ag PHD Soybean Disease	Ag PhD	US	-	A guide to soybean diseases and diagnosing the disease.	Soybean, Soybean Production, diseases, physiology, fungicide, pesticide	Pest	Available on the App store and Google Play	iOS, android	Free	-	AgPhD	Apple Store	Google Play Store
Drainage Tile Calculator	Ag PhD	US	-	The Ag PhD Drainage Tile Calculator helps you determine your tile supply and capabilities for your field drainage project. You can calculate acres drained for single wall and dual wall tile in any size and grade, the pipe size needed to effectively drain acres, and the length of pipe you will need to purchase to complete your project.	Drainage management, drain tile, drainage system, field drainage	Crops	Available on the App store and Google Play	iOS, android	Free	-	AgPhD	Apple Store	Google Play Store
Ag Weather Forecast	Ag Web/ Farm Journal	US	-	From Ag Web and Farm Journal, farm weather / climate coverage, real-time conditions, precip/temp/soil maps and more	Weather, Climate, Precipitation, Temperature, Weather Conditions	Weather	Website version only	web	Free	-	Farm Journal Weather	-	-
Ag Butler	AgButler	US	Missouri	AgButler is a gig economy platform that serves as a solution to a rural labor shortage in America. We provide on-demand jobs giving farmers and ranchers access to a high-quality labor force while boosting rural economies. Similar to "ride sharing" technology, our system allows farmers, ranchers and/or agribusinesses to connect with available laborers filtered by location, ratings, work experience and availability. All done within a secure payment structure organized in the app.	Job Search, Farm, Farm Hand, Employee, Employer, Employment, Agriculture Jobs, Job Opportunities, Farming Industry	Technology	Available in the App store and Google Play store	iOS, Android, web	Free	Yes, cost to employers	AgButler	Apple Store	Google Play Store
AgDNA	AgDNA	US	California	Provides farm planning, record keeping, boundary mapping, worked area mapping, live equipment tracking, scouting observations, communication tools, data sharing and more. All data is synchronized with a free online AgDNA account allowing activity records and setup details to be viewed from a web browser or any other AgDNA enabled device.	Field Management, Farm Management, Crop History, Fertilizer, application, pesticide, herbicide, insecticide, fungicide, irrigation, scouting, mapping	Business	Available in the App store and Google Play store	iOS, android	Free	Yes, SaaS	AgDNA	Apple Store	Google Play Store
AGEX Herd	AGEX	US	-	AGEX Herd is designed to make data collection simple and easy. Just pair each animal with an AGEX ear tag or use your own tag to quickly add or update key information like gender, breed, weight, health, and/or backgrounding data. Then combine your AGEX animals into groups, lists and locations for high-level overviews of your operation from multiple angles.	livestock, beef, cattle, sheep, goat, dairy, ear tag, livestock management	Livestock	Available on the App store and Google Play	iOS, android	-	Optimized to work with AGEX products	AGEX	Apple Store	Google Play Store

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AgFuse	AgFuse LLC	US	-	AgFuse is a free networking tool created specifically for farmers and other agricultural professionals to connect with one another while sharing information and forming valuable associations. Never before has there been a platform that enables farmers, experts, suppliers and farm organizations to communicate with one another with such effectiveness and ease. With AgFuse, farmers and other agricultural professionals can easily share stories, promote useful products, ask questions and otherwise connect. Hence, members can quickly learn about the latest innovations, research, policies, and much more.	Social Media, Networking, Communication	News/Education	Available in the App store and Google Play store	iOS, Android, web	Free	-	AgFuse	Google Play Store	Apple Store
AgMobile	AgMobile/ Successful Farming/Barchart	US	-	AgMobile is the most complete app for accessing commodity markets, news and weather on-the-go from the convenience of your mobile device.	Commodity Markets, news, weather	News/Education	Available on Google Play	android	Free	Premium version: \$9.99/yr	Successful Farming AgMobile	Google Play Store	-
AgraScout	AgraScout	US	-	Supports crop scouting. Geo-tagged pins for tracking weeds, pests, and crop diseases. Capture images and record comments that can be shared with others.	Field Scouting, Scouting, GPS, row crops, weather	Crops	Available on the App store and Google Play	iOS, android	Free	Saas, free trial	AgraScout	Apple Store	Google Play Store
Agrian Mobile App	Agrian	US	-	Access an extensive and global database for crop protection products. Also provides 5-day weather forecast and Agrian news.	Crop Protection, CP, Fertilizer, Fertility, Nutrients, weather, news, pesticides, herbicides, fungicides, insecticides	Crops	Available on the App store	iOS	Free	-	Agrian	Apple Store	-
Echelon Ag	Agrian / Nutrien	US / Canada	-	In the world of agronomy and agronomic advice, Echelon is unique. Our crop advisors works with you to create a precise picture of your fields, giving you the confidence to make better decisions in both planning and execution. They know that the way to help you get the best results is to combine local knowledge with timely, actionable data.	Field Management, Agronomy, Ag Retail, Nutrien	Crops	Available in the App store	iOS	Free	Requires an account for full use	echelon	Apple Store	-
Pocket Spray Smart	Agribile, Inc	US	-	Pocket Spray Smart delivers field-level spraying conditions, current wind speed and direction, and temperature inversion potential for your current location and each field in your Morning Farm Report account.	Spray, Sprayer, applications, pesticide, herbicide, insecticide, fungicide, GPS, wind speed, weather, inversion	spraying/spreading	Available in the App store and Google Play store	iOS, android	Free	-	Agribile	Google Play Store	Apple Store
Pocket Rain Gauge	Agribile, Inc	US	-	Agribile's Pocket Rain Gauge delivers accurate rainfall measurements based on your location. Upgrade your Agribile account to get rainfall totals for all of the fields tied to your account. To make sure we deliver the highest quality rainfall measurements, we've included feedback functionality so you can let us know how accurate our measurements are. If Pocket Rain Gauge says you get 1.3 inches of rain, but you know your field actually got 1.6 inches, let us know. We'll use your feedback to make our measurements even better. Pocket Rain Gauge is a universal rain gauge that's with you whenever and wherever you need it. It's the perfect app for farmers, ranchers, gardeners, athletes, landscape architects, or just plain weather enthusiasts!	Weather, rain	Weather	Available in the App store and Google Play store	iOS, android	Free	-	Agribile	Apple Store	Google Play Store
Nutrien Pocket Spray Smart™	Agribile, Inc	US	-	Get the knowledge you need to plan your spraying operations up to 84 hours in advance. Nutrien Ag Solutions' Pocket Spray Smart™ app shows you field-specific spraying conditions, wind speed and direction, and temperature inversion potential for your current location, all for free.	Spray, Sprayer, applications, pesticide, herbicide, insecticide, fungicide, GPS, wind speed, weather, inversion	spraying/spreading	Available in the App store and Google Play store	iOS, android	free	-	Nutrien Ag Solutions	Google Play Store	-
Libra Field Bin	Agromatic / Bitstrata Systems Inc.	Canada	-	Libra Field Bin is a full-featured tablet and smartphone-based field bin weighing and data management system. The Libra Field Bin app wirelessly communicates with our Libra Field Bin hardware, which connects to the load cells of your field bin, and with any number of Libra Cart equipped grain carts to automatically record field bin unloads regardless when being filled from grain carts.	Grain bin, grain storage economics, grain data, grain bin monitoring	Crops	Available on the App store and Google Play	iOS, android	-	Requires Libra hardware	Agromatic	Google Play Store	Apple Store
AgriSite IPM	AgriSite IPM / Raven	US	-	An IPM (Integrated Pest Management) app allowing users to log geo-reference field observations plus share reports between scouts, agronomists and farmers. Features a wireless report synchronization and customized crop lists. (*Annual fee to access features.)	IPM, Com, Soybean, Cotton, Row Crops, Insects, disease, weeds, pesticide, herbicide, fungicide, insecticide, scouting, field scouting, GPS	Crops/pest	Available on the App store	iOS	Free	Saas, free trial	AgriSite IPM	Apple Store	-

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AgriSync	AgriSync	US	-	AgriSync enables farmers and advisors to connect and resolve support issues on the farm. Farmers can connect with multiple advisors from different companies to submit and receive support in real-time via video. Advisors can manage multiple farmer service tickets through a dashboard and remote video that allows them to see what the farmer sees in real-time. A Web-based customer service dashboard allows the advisor's organization to see open cases, resolution status and farmer feedback in real-time.	Farm Management, Farmers, advisors, real-time Business logistics		Available in the App store and Google Play store	iOS, Android, web	Free	Free to Producers/ \$800/yr to Advisors	AgriSync	Apple Store	Google Play Store
AgriXP	AgriXP	US	-	AgriXP is a zero-training platform designed by farmers and their crop consultants to track field data. AgriXP allows the farmer, the employees and your crop consultants to view and log all field activities and export those data to Excel, PDF, or CSV for further usage. Activities can be printed or previewed from your monthly or daily calendar.	Field management, Row Crops Business		Register for a free or paid pro program using web app, watch a short tutorial, create your farm with the mapping tool, then use the platform to add crops, inputs, and planning activities in the field.	web	Free, with a paid option	-	AgriXP	-	-
Agronote	Agronote	Greece	-	Agronote is an agriculture app for recordkeeping of expenses, income, livestock, and machinery procedures. Agronote will help you keep your farm records organized, store data, save daily operations, add financial records, and create a personal farm manager on your devices.	Records, Farm Management Business		Available on Google Play	android	Free	Unknown	None	Google Play Store	-
AgSquared	AgSquared, LLC	US	-	Stay on top of your farming tasks and keep organized, detailed records from out in the field!	Farm management, Field Management, records Business		Available on the App store and Google Play	iOS, android	-	Yes, Saas	AgSquared	Apple Store	Google Play Store
Agworld Sampling	Agworld	US	-	Agworld Sampling simplifies sampling workflow by integrating the job creation, soil collection, lab submission and results into one platform.	Soil Sampling, Soil analysis, VRT, Variable Rate Soil		Available in the App store	iOS	Free	Yes, SaaS	Agworld	Apple Store	-
Agworld Scout	Agworld	US	-	Create and complete in-field scouting of crop health, pest pressure and more. Requires use of web tool.	Field Scouting, Scouting, disease, weeds, insects, pest, GPS, row crops Pest		Available on the App store	iOS, web	Free	SaaS	Agworld	Apple Store	-
Airmap	Airmap Inc	US	-	AirMap is the leading global provider of aeronautical data & services to unmanned aircraft, or drones. Use AirMap to maintain situational awareness, request digital authorization, get traffic alerts, & more.	UAV, Drone, Situational awareness, LAANC, airspace Technology		Available in the App store and Google Play store	iOS, Android,	free	Yes, enterprise versions	Airmap	Apple Store	Google Play Store
AkerScout	Aker	US	-	This directed crop scouting app helps identify and prioritize crop damage to address problem areas needing immediate attention. The application works on standalone mode, but various important features are enabled when you load high-resolution aerial vegetation imagery.	Scouting, Field Scouting, Field Inspection, weeds, disease, insects, nutrient deficiency, weather, imagery, remote sensing, GPS Technology		Available in the App store and Google Play store	iOS, android	Free	Yes	Aker	Apple Store	Google Play Store
Farming Basics	Alabama Extension / Alabama A&M & Auburn Universities	US	Alabama	The Farming Basics app from Alabama Extension is a gateway of information for small and beginning farmers. The app includes crop descriptions, information about major insect pests and diseases, and general management tactics. It features a fertilizer and an irrigation calculator to assist farmers with saving dollars on inputs. Other features include crop and pest alerts, location services including contact information for additional help, and a calendar of upcoming meetings and field days.	basic farming, crops, insects, disease, farm management, fertilizer calculator, irrigation calculator Crops/pest		Available on the App store and Google Play	iOS, android	Free	-	Alabama A&M Extension	Apple Store	Google Play Store
Alabama Crops App	Alabama Extension / Alabama A&M & Auburn Universities	US	Alabama	The Alabama Crops app has been available to Alabama farmers for several years. Recent updates allow access to much more information—making the app a one-stop shop for producers. While many of the functions remain the same, there will be new features as well. The Alabama Crops app is for producers of any scale. While most of the information will be tailored to Alabama producers, farmers in other areas may also download and benefit from the app.	Crop, profit, trial data, fertilizer calculator, news, markets Business		Available on the App store and Google Play	iOS, android	Free	-	Alabama A&M Extension	Apple Store	Google Play Store
Oyster Farming App	Alabama Extension / Alabama A&M & Auburn Universities	US	Alabama	This app is a tool for commercial oyster farmers to input, store, and share harvest information. Included are customized calculators to determine the number of seed delivered (with confidence limits), assist in achieving desired stocking densities, and estimate current stock. The Alabama Extension Water Resources team and the Auburn University Shellfish Lab offer support. Track current news from the AUSL Facebook feed.	oyster, oyster seed, stocking, oyster production Livestock		Available on the App store and Google Play	iOS, android	Free	-	Alabama A&M Extension	Google Play Store	Apple Store

Purdue Ag Apps Listing

Alabama Water Watch	Alabama Extension / Alabama A&M & Auburn Universities	US	Alabama	The Alabama Water Watch Mobile App is designed to make submitting monitoring data and new site information more accessible to our Volunteer Water Quality Monitors. The app allows monitors to login using their AWW login credentials provided by the AWW Program Office. Through user forms, monitors will be able to submit water chemistry and bacteriological data to the AWW database. Users will also have access to watershed maps, monitoring site maps, and graphical water quality data. The app also employs geolocation services to allow users to automatically record the latitude and longitude of their monitoring sites.	Water quality, water chemistry, water bacteria, watershed, GPS, water management	Conservation	Available on the App store and Google Play	iOS, android	Free	-	Alabama A&M Extension	Apple Store	Google Play Store
Poultry Farming Toolkit	Alabama Extension / Alabama A&M & Auburn Universities	US	Alabama	This app is a helpful tool for poultry farmers, service technicians, and others in the poultry industry. It offers calculators for minimum ventilation, evaporative pad, and radiant heat as well as checklists for service and maintenance. Other features include special app updates, industry alerts, e-newsletter subscriptions, and archives.	Poultry, Chickens, turkey, poultry management	Livestock	Available on the App store and Google Play	iOS, android	Free	-	Auburn University Poultry Ventilation and Housing	Apple Store	Google Play Store
AFGC	American Forage & Grassland Council / Mobile Town Guide	US	-	The American Forage and Grassland Council (AFGC) aspires to be the "leader and voice of economically and environmentally sound forage focused agriculture." The Annual AFGC Conference provides a forum for interaction of persons interested in forage and grassland production and utilization (including producers, public sector representatives and industry). AFGC hosts an annual conference in January in different locations within the southeastern US. This conference is all things forages, from establishment to grazing management, harvesting and feeding.	Forage, grassland, grazing, grazing management	Crops/livestock	Available on the App store and Google Play	iOS, android	Free	-	American Forage and Grassland Council	Apple Store	-
Tomato MD	American Phytopathological Society	US	-	Need help with growing healthy tomato plants? Tomato MD is a tool that helps backyard and master gardeners, professional growers, and consultants identify and manage nearly 30 key diseases and insects. Tap the part of the plant you have an issue with, browse the gallery of images to find a match to your plant's symptoms and then learn more about the symptoms, causes and treatments. Search features help you find additional information. Bookmark a specific disease to return to it easily at a later time. The American Phytopathological Society (APS) is a professional organization of Plant Pathologists (Plant Doctors) who have been leading the way in plant disease research for more than 100 years. APS publishes a wide array of plant and agricultural reference material. Tomato MD is based on two APS PRESS Books: Tomato Health Management and Compendium of Tomato Diseases and Pests. It was authored and peer-reviewed by APS members Margaret McGrath, Gail Ruhl, Michelle Grabowski, Daniel Gilrein, Robert Wick, and Margery Daughtrey. Many others contributed images.	tomato, disease, insects, pests	Crops	Available on the App store and Google Play	iOS, android	\$0.99	-	The American Phytopathological Society	Apple Store	Google Play Store
Turf MD	American Phytopathological Society	US	-	Tool for the identification and management of turfgrass diseases. Turf MD was designed for golf course superintendents, sports turf managers, turf scientists, extension professionals, and anyone else responsible for turfgrass health. It includes peer-reviewed images, diagnostic keys, decision support tools, and recommendations to help users identify and treat diseases, plus a directory of turf extension sources for more information.	Turf, disease, golf course, turfgrass	pest	Available on the App store and Google Play	iOS, android	\$0.99	-	The American Phytopathological Society	Apple Store	Google Play Store
American Society for Brewing Chemists (ASBC)	American Society for Brewing Chemists (ASBC)	US	-	The American Society for Brewing Chemists (ASBC) is a nonprofit, 501 (c)3, professional, scientific organization, founded in 1934 to improve and bring uniformity to the brewing industry on a technical level. Today, ASBC is comprised of individual and corporate members worldwide representing breweries of all sizes, the allied industries that supply the brewing industry, academic researchers, government agencies, and organizations associated with regulation of the brewing industry.	Beer, Brewing, Breweries, Fermentation	Business	Available in the Google Play store	Android	free	-	American Society of Brewing Chemists	Google Play Store	-
Argus Publications	Argus Media Group	US	-	Provides access to critical market reporting and pricing. *Must have subscription or trial with Argus Direct account login	Futures, Markets, Prices, commodities	News/Education	Available in the App store and Google Play store	iOS, android	Free	Subscription	Argus	Google Play Store	Apple Store

Purdue Ag Apps Listing

AgriSpread	Amour Interactive	US	-	The rate table feature allows the user to search application rate charts for the appropriate machine settings based on spread width, required rate, and fertilizer type. A second feature, the fertilizer application rate calculator is also included, enabling the farmer to carry out a physical testing procedure to check the actual rate.	Fertilizer, Fertility, Nutrients, Application, Application Rate, Machine data	spraying/spreading	Available in the Google Play store	android	Free	-	Armor Interactive	Google Play Store	-
Ross	Aviagen	United Kingdom	-	The Ross App from Aviagen is a management tool for referencing poultry flock performance objectives focusing on the European Ross 308, 708 and PM3 Breeder and Broiler stock. It also has a built-in European Performance Efficiency Factor (EPEF) calculator and a number of other useful tools including a unit converter which incorporates industry-specific calculations.	Poultry, Chickens, Breeders, Broilers, Performance Efficiency	Livestock	Available on Google Play	android	Free	Optimized to work with Ross breeds	ROSS an Aviagen Brand	Google Play Store	-
SeedSync	Axis Seed	US	-	SeedSync helps agronomists and farmers collaborate on farming decisions by making field data accessible and easy to collect. By connecting to the agX Platform, standardized field data is available offline and can be shared with other users and applications.	data, field data, agronomy, seed, field management	Crops	Available in the App store	iOS	Free	Yes, Premium Version	Axis Seed	Apple Store	-
CAT (Canopy Assessment Tool)	BASF	UK	-	The BASF CAT is a tool designed to help Farmers and Crop Advisors protect the yield of winter cereals by assessing crop nitrogen content and crop lodging risk.	Canopy Cover, Canopy, winter cereals, winter wheat, wheat, nitrogen, lodging	Crops	web only	web	Free	-	BASF Ag Solutions UK	-	-
Bayer Pest Portal	Bayer	US	-	Provides professional pest controllers assistance in the identification and treatment of insect pests. Insect pests that are not easily identified can be photographed and uploaded for personalized identification within 2 working days.	Insects	Pest	Available on the App store and Google Play	iOS, android	Free	-	BAYER US	Google Play Store	Apple Store
FieldView Cab	Bayer	US	-	Digital tool for visualizing planter harvest field data while supporting field scouting, imagery, and soil data layers.	IPM, Corn, Soybean, Cotton, Row Crops, Insects, disease, weeds, pesticide, herbicide, fungicide, insecticide, scouting, field scouting, GPS, imagery, soil sampling, soil mapping	Crops/pest	Available on the App store	iOS	Free	Climate Fieldview Account	Climate Fieldview	Apple Store	-
RRXtend Spray	Bayer	US	-	The RRXtend Spray App is a farmer- and applicator-focused digital tool that provides location-specific weather forecasts, digital record-keeping capabilities and education resources related to the Roundup Ready® Xtend Crop System.	weather, records, Xtend, spray, sprayer	spraying/spreading	Available in the App store and Google Play store	iOS, android	Free	-	Roundup Ready Xtend Crop System	Apple Store	Google Play Store
Climate Field View	Bayer	US	-	Climate FieldView™ is a suite of digital ag tools to help you optimize resources and maximize yield.	Farm management, Field Management	Business	Available on the App store and Google Play	iOS, android	Free, with a paid option	Tiered cost structure starting at \$299	Climate Fieldview	Apple Store	Google Play Store
DeKalb App	Bayer	US	-	The DEKALB® brand wants growers like you to have the most current product information, trial data and handy calculators in your palm. You make critical business decisions every day and this app is a great tool to help you as you navigate the growing season.	Corn, soybean, canola, DeKalb, trial data, industry data, industry, agriculture	Crops	Available in the App store and Google Play store	iOS, Android,	Free	Optimized for DeKalb Seeds products	Bayer Crop Science Canada	Apple Store	Google Play Store
DeKalb Yield Estimator	Bayer	US	-	A web based tool used to estimate corn and/or soybean yields by inputting harvestable ears, lengths, and rounds (corn) or inputting number of plants and bean pods	Corn, soybean, DeKalb, yield, yield estimates, industry, agriculture	Crops	Website version only	Web	free	free	Bayer Crop Science Canada	-	-
Open Range	Beaf Cattle Company	US	-	Open Range is a social media app designed for the agricultural community. This app opens conversation with like minded farmers and ranchers. Buy and sell livestock, equipment, tack, share advice, gain friends. Join a community, no restrictions in the Open Range.	Livestock Sales, Equipment sales, tack sales, Buying, selling, marketplace	Livestock	Available in the App store and Google Play store	iOS, Android, web	Free	-	Beaf Cattle Company	Google Play Store	Apple Store
FARMserver	Beck's Hybrids	US	-	Requires use of web tool. View and edit field data on-the-go. Includes weather information.	Field management, Farm management, weather	Business	Available on the App store	iOS, web	Free	\$999/yr for non-Beck's Seed customers	FARMserver	Apple Store	-
HumaGro	Bio HumaNetics, Inc	US	-	Calculate nutrition products and application rates based on lab analysis and info sheets. View fact sheets to allow for easy calculations, and save calculations for later and access product technical documents.	Fertilizer, Fertility, Nutrients, Application rates	spraying/spreading	Available on Google Play	android	Free	HumaGro Products	Huma Gro	Google Play Store	-
3D Pig Anatomy	Biosphera	Brazil	-	The 3D Pig Anatomy an interactive model that allows for the animal internal systems to be viewed and manipulated layer by layer or simultaneously with other layers, at various zoom levels. Individual anatomical structures can be highlighted and display a caption, or they can be removed to permit viewing of deeper structures.	Vet. Veterinary medicine, cow, AR, pig, hog, swine, porcine, anatomy, augmented reality	Livestock	Available on the App store and Google Play	iOS, android	\$33.99	-	Biosphera	Apple Store	Google Play Store
3D Bovine Anatomy	Biosphera	Brazil	-	The 3D Bovine Anatomy app is an interactive model that allows for the animal internal systems to be viewed and manipulated layer by layer or simultaneously with other layers, at various zoom levels. Individual anatomical structures can be highlighted and display a caption, or they can be removed to permit viewing of deeper structures.	Vet. Veterinary medicine, AR, bovine, cow, anatomy, augmented reality	Livestock	Available on the App store and Google Play	iOS, android	\$33.99	-	Biosphera	Apple Store	Google Play Store

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3D Fish Anatomy	Biosphera	Brazil	-	The 3D Fish Anatomy app is an interactive model of a perch (Perca flavens) that allows for the animal internal systems to be viewed and manipulated layer by layer or simultaneously with other layers, at various zoom levels. Individual anatomical structures can be highlighted and display a caption, or they can be removed to permit viewing of deeper structures.	Vet, Veterinary medicine, AR, fish, perch, piscine, anatomy, augmented reality	Livestock	Available on the App store and Google Play	iOS, android	\$11.99	-	Biosphera	Apple Store	Google Play Store
3D Horse Anatomy	Biosphera	Brazil	-	Introducing our 3D Equine Anatomy software. A virtual horse that is designed especially for students, teachers, veterinary clinics and pet shops. Biosphera's anatomical software allows you to view internal systems of the 3D horse either one by one or in any combination of systems. The 3D horse can be viewed from any angle and from various zoom levels.	Vet, Veterinary medicine, AR, equine, horse, anatomy, augmented reality	Livestock	Available on the App store and Google Play	iOS, android	\$33.99	-	Biosphera	Apple Store	Google Play Store
Spread Charts	Bogballe A/S	United Kingdom	-	The BOGBALLE Spread Charts app give you quick access to our online database with thousands of available spread charts for your BOGBALLE fertilizer spreader.	Fertilizer, Fertility, Spreader, Nutrients	spraying/spreading	Available in Google Play store	android	Free	Requires Bogballe spreaders	Bogballe	Google Play Store	-
Brandt Turf Product Finder	Brandt	US	-	The BRANDT Turf Product Finder app is an easy way to find all of our products, including GRIGG and BRANDT iHammer, for the turf and ornamental market. Just like the ag app, you can easily search and find the exact product you're looking for to view product documents such as label, SDS and brochure.	Turf, ornamental, pesticide, herbicide, insecticide, adjuvants, pond dyes	Pest	Available in the App store and Google Play store	iOS, Android, web	Free	Optimized to work with Brandt products	Brandt	Google Play Store	Apple Store
Brandt Ag Product Finder	Brandt	US	-	The BRANDT Ag Product Finder app contains our entire portfolio of agriculture products. Quickly search and find the exact product you're looking for to view product documents such as label, SDS and brochure.	Crops, pesticide, herbicide, insecticide, adjuvants, water treatment, plant growth regulator, plant nutrition, fungicide	Pest	Available in the App store and Google Play store	iOS, Android, web	Free	Optimized to work with Brandt products	Brandt	Google Play Store	Apple Store
PotatoGuide	Bulchim Crop Protection Ltd.	Belgium	-	A guide to common diseases and disorders of potatoes. Foliar and tuber symptoms are described for diseases (fungal, bacterial and viral), pests and abiotic disorders. Each section features photographs, a description of symptoms and information on infection and spread. Any diseases or disorders with similar symptoms are listed to aid an accurate diagnosis	Potato	Crops	Available on the App store and Google Play	iOS, android	Free	-	Belchim Crop Protection	Apple Store	-
Full Circle Ag by Bushel	Bushel	US	-	The Bushel mobile app platform integrates into grain elevators' accounting systems to provide growers access to their contracts, scale tickets, prepays, cash bids, and markets.	Grain Marketing, Contracts, scale tickets, cash bids, markets	Business	Available in the App store and Google Play store	iOS, android	Free to a grower, subscription by grain elevator	Yes	Bushel	Apple Store	Google Play Store
Cash Cow	Cash Cow, Inc	US	-	Manage your cow-calf operation. Control your pasture's maintenance expenses, track your animals' status and activities, improve efficiency and costs using a single app across all your devices. A single view of your ranch's income and expenses is the foundation to make better decisions that can increase your profits. Buy/sell replacement heifers and bulls, schedule your activities and manage all of the animals in your operation.	Cattle, cows, bulls, pastures, livestock, livestock management	Livestock	Available on the App store and Google Play	iOS, android	Free	Yes, Saas	Cash Cow	Apple Store	Google Play Store
Cattle Market Mobile	Cattle Market Mobile	US	-	Cattle Market Mobile is an app 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 as well as reports from a variety of other sources.	Beef, Prices, Marketing	Livestock / Business	Available on the App store and Google Play	iOS, android	Free	-	Cattle Market Mobile	Apple Store	Google Play Store
VegDr	Charles T. Bargeron / University of Georgia	US	Georgia	VegDr provides you with up-to-date information for vegetable diseases in Georgia. The app contains information on various diseases, images of the symptoms, and list what products are considered effective for control. At present time, the app is intended for Cucurbits only, however, solanaceous crops will be added soon. Recommendations are based on information on the manufacturer's label and performance data from research and Extension trials the University of Georgia. VegDr was developed by the University of Georgia Center for Invasive Species and Ecosystem Health in cooperation with the Department of Plant Pathology in the College of Agricultural and Environmental Sciences with support from the Southern IPM Center	vegetables, diseases, cucurbits, solanacea, IPM	Crops/pest	Available on the App store and Google Play	iOS, android	Free	-	Bugwood Apps	Apple Store	Google Play Store

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Calibrate My Sprayer	Clemson University	US	South Carolina	This 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.	Spray, Sprayer, Calibration	spraying/spreading	Available in the App store and Google Play store	iOS, android	Free	-	None	Google Play Store	Apple Store
Clemson Soil Acidification Calculator	Clemson University	US	South Carolina	Useful if lowering of soil pH is required for a field	Fertilizer, Fertility, Nutrient, soil pH, acidification	spraying/spreading	Available for free on the web	web	Free	-	Clemson University	Clemson Precision Agriculture	-
Clemson Drip Fertigation Calculator	Clemson University	US	South Carolina	Calculate daily and weekly fertilizer rates for drip fertigation.	Fertilizer, Fertility, Nutrient, Fertigation, Drip Fertigation	spraying/spreading	Available for free on the web	web	Free	-	Clemson University	Clemson Cooperative Extension	-
Injection Pump Settings Calculator	Clemson University	US	South Carolina	Determine injection pump settings for chemigation and fertigation.	Fertilizer, Fertility, Nutrient, Fertigation, chemigation, injection pump	spraying/spreading	Available for free on the web	web	Free	-	Clemson University	Clemson Precision Agriculture	-
Lime Rate Calculator	Clemson University	US	South Carolina	Calculate lime requirements based on soil conditions.	Fertilizer, Fertility, Nutrient, soil pH, lime, liming	spraying/spreading	Available for free on the web	web	Free	-	Clemson University	Clemson Precision Agriculture	-
Peanut Digger Conveyor Speed Calculator	Clemson University	US	South Carolina	Determine your digger conveyor speed using a stopwatch.	Peanut, peanut digger speed	Crops	Available for free on the web	web	Free	-	Clemson University	Clemson Precision Agriculture	-
Peanut Yield Estimator	Clemson University	US	South Carolina	Estimate your peanut yield using observations from the windrow.	Peanut, peanut yield, yield	Crops	Available for free on the web	web	Free	-	Clemson University	Clemson Precision Agriculture	-
Pivot Fertigation Calculator	Clemson University	US	South Carolina	Schedule center pivot fertigation applications.	Irrigation, Fertigation, Fertility, Fertilizer, Nutrients	Crops	Available for free on the web	web	Free	-	Clemson University	Clemson Precision Agriculture	-
Watermark Soil Moisture Calculator	Clemson University	US	South Carolina	Use to assist with irrigation scheduling using Watermark 200SS sensors.	Irrigation, irrigation timing, irrigation scheduling	Crops	Available for free on the web	web	Free	Purchase and use of Watermark 200SS sensors	Clemson University	Clemson Precision Agriculture	-
MyIPM Series	Clemson University	US	South Carolina	The MyIPM Series lets the user "choose" the fruit and discipline (pest or disease) and lets the user update data from the external database. The user can go back to this screen at any time and add or delete a selection. On top of this screen is a search bar that lets the user search active ingredients and trade names. Results will list the crop the product is registered for, the rate per acre and the efficacy rating. Then the user chooses one of the crop and discipline choices. The user taps a crop which opens up the disease or pest page. On any disease page the user can choose a disease by clicking the picture or choosing Overview/Gallery/More to learn more about it. Disease-specific information includes an overview about the disease and its management and a short, 2 to 3 min audio from the regional expert on the bottom of the page. The GALLERY features 6 pictures of disease signs and symptoms and pictures illustrating management solutions. The user can zoom in each picture. In the MORE section, the user finds information about the disease and its causal organism (including disease cycle and symptoms and signs), chemical control information, fungicide resistance information, and non-chemical control information.	Fruit production, pest, disease, insect, pesticide, insecticide, fungicide	Crops/pest	Available on the App store and Google Play	iOS, android	Free	-	Bugwood Apps	Apple Store	Google Play Store
Case IH Know-How	CNH Industrial	US	-	The Case IH Know-How App will provide the operator support material to operate the AFS Pro 1200 display and Multi Control Armrest.	AFS, Case IH, CNH	Machinery	Available in the App store and Google Play store	iOS, Android,	free	Only for CNH AFS Pro 1200	Case IH Agriculture	Apple Store	Google Play Store
CVP Vet	Community Veterinary Partners	US	-	CVP Vet is a highly comprehensive app that features more than 5,000 pharmaceutical, biological, feed medication and parasiticide product monographs.	Livestock, medication, parasiticide	Livestock	Available in the App store	iOS	Free	-	Community Veterinary Partners	Apple Store	-
Cool Farm Tool	Cool Farm Alliance	United Kingdom	-	Interested in participating in a carbon credit market to get paid for practices like cover cropping? Wondering whether cover cropping will improve your soil productivity? The Cool Farm Tool is an online soilhealthscore.com , water , and	Carbon Credit, cover crop, soil productivity, soil health, regenerative agriculture, sustainability, sustainable agriculture	Conservation	web	web	Free	Cost to organizations to become Alliance members	Cool Farm Alliance	-	-
Planimeter- Measure Land Area & Distance on a Map	Core Signals	US	-	Measure fields, circular regions, paths and perimeters. Add markers to pinpoint locations.	Mapping, Boundary, area, distance, perimeter, markers, points	Technology	Available in the App store and Google Play store	iOS, android	7.99	-	Planimeter	Google Play Store	Apple Store
Cropware	Cornell University	US	New York	Cropware Classic is a free nutrient management software tool. Developed by Cornell University, there is a premium version for \$300/year available as well as the free version	Nutrient Management, Fertility, Fertilizer	spraying/spreading	Available on Windows	desktop	Free, with a paid option	\$300/yr premium	Cornell University Nutrient Management Spear Program	FarmInfo Tech	-
Climate Smart Farming Growing Degree Day (GDD) Calculator	Cornell University	US	New York	This map shows the accumulation of base 50°F growing degree days (GDD) from March 15 to the current date. This map is a product of the Northeast Regional Climate Center, and part of a set of GDD Maps developed for the turf grass industry. The GDD Calculator also allows you to predict the most optimal planting and harvesting times.	weather, climate, Precipitation, Temperature, Conditions, GDD, GDU	Weather	Available at the link provided for free use	Web	Free	-	Climate Smart Farming	Climate Smart Farming Growing Degree Day Calculator	-
Climate Smart Farming Water Deficit Calculator	Cornell University	US	New York	Monitors current and forecasted soil water deficit at your location to allow efficient water management and smart scheduling of irrigation.	Irrigation, water management	Crops	Available at the link provided for free use	Web	Free	-	Climate Smart Farming	Climate Smart Farming Water Deficit Calculator	-
Climate Smart Farming New York State/Northeast Drought Atlas	Cornell University	US	New York	This brand new product, courtesy of Dr. Toby Ault and his research group, is designed to portray drought and drought risk in new and useful ways to agriculturalists.	Irrigation, water management, drought, drought risk	Crops	Available at the link provided for free use	Web	Free	-	Climate Smart Farming	Climate Smart Farming New York State / Northeast Drought Atlas	-

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Climate Smart Farming Cover Crop Planting Scheduler	Cornell University	US	New York	Understand how the chances of growing a successful winter cover crop at your location are affected by planting date selection.	Cover Crop, Planting Date	Conservation	Available at the link provided for free use	Web	Free	-	Climate Smart Farming	Climate Smart Farming Winter Cover Crop Planting Scheduler	-
Climate Smart Farming County Climate Change	Cornell University	US	New York	Find out how the climate has changed in your county since 1950, and what is projected over the next century.	weather, climate, climate change	Weather	Available at the link provided for free use	Web	Free	-	Climate Smart Farming	Climate Smart Farming Climate Change in Your County	-
Climate Smart Farming Apple Stage / Freeze Damage Probability	Cornell University	US	New York	Charts observed/forecasted daily minimum temperatures vs. apple hardiness thresholds in order to assess potential risk for freeze damage.	weather, apples, hardiness thresholds, freeze damage	Weather	Available at the link provided for free use	Web	Free	-	Climate Smart Farming	Climate Smart Farming Apple Stage / Freeze Damage Probability	-
Climate Smart Farming Grape Hardiness & Freeze Risk	Cornell University	US	New York	Charts hardiness temperature vs. daily observed/forecast temperatures for several varieties of grapes.	weather, grapes, hardiness thresholds, freeze damage	Weather	Available at the link provided for free use	Web	Free	-	Climate Smart Farming	Climate Smart Farming Grape Hardiness and Freeze Risk	-
Cover Crop Tool for Vegetable Growers	Cornell University	US	New York	This is an online tool to help you quickly narrow the choices of cover crop for your situation. In a few seconds, you will have growing instructions for the cover crop that will do the job you need.	Vegetables, cover crops	Crops	Available at the link provided for free use	Web	Free	-	Climate Smart Farming	Climate Smart Farming Cover Crop Tool for Vegetable Growers	-
Leaf Doctor	Cornell University / University of Hawaii	US	New York / Hawaii	The Leaf Doctor performs quantitative assessments for plant diseases on plant organs such as leaves. Users collect or submit photographs of diseased plant organs and calculate the percentage of diseased tissue. Through a user's touching of the device screen, the algorithm employs user-specified values for up to eight colors of healthy tissues in the photographs. The color of each	Diseases, plant diseases, percent diseased	Pest	Available in the App store and Google Play store	iOS, Android,	free	-	Cornell University	Apple Store	Google Play Store
Estimate App	Cornell University / University of Hawaii	US	New York / Hawaii	The Estimate app is a tool to assist the assessment of disease severity in plant pathology and other agricultural sciences. Research scientists, crop consultants, and other professionals would use the application. The framework provided by Estimate serves as a repository for standard area diagrams to enable users to accurately and precisely estimate plant disease severity. The application allows users to select a specific disease from a pre-populated list, specify either a logarithmic or linear categorical scale for estimating disease severity, and touch photographic images corresponding to the various percent categories for quantifying disease intensity within a pre-specified plot layout or experimental design. Several options for data entry are included within the framework of the application, ranging from specification of plots and sub-plots to assessment of multiple, single sampling units with an undefined experimental design. The data are automatically saved as a spreadsheet within the application that can be emailed to a recipient at the end of the session as a csv file.	Plant Pathology, plant disease, disease	Pest	Available on the App store	iOS	Free	-	Cornell University	Apple Store	-
Brevant Seeds	Corteva	US	-	Designed for corn farmers and ag retailers, the app contains two easy to use tools. The Plantability Tool allows farmers to achieve maximum planter performance and planting accuracy with information scanned or entered from the Brevant seed tag. Generate optimum seeding rates by selecting variables such as commodity price, yield goal and seed cost with the Planting Rate Tool. The Brevant seeds App combines agronomy research and economics to provide you with product specific recommendations tailored to your operation.	Planting, Seeding rate, planting population, planting rate, economically optimal seeding rate	Crops	Available in the App store and Google Play store	iOS, Android,	Free	Optimized for Brevant Seeds products	Brevant	Google Play Store	Apple Store
CropRecords	CropRecords	CropRecords	-	Crop record keeping software for consultants and farmers	Records, Crop Consulting	Business	Available on Google Play	android	Free	Yes	SWAT Maps	Google Play Store	-
CropTrails: A farm management application	CropTrails	India	-	CropTrails is a web and android based app, specifically designed to overcome challenges and bridge gaps in process of farm management. With capabilities like farm geo-fencing, satellite data analysis, weather-based forecasting and real time data, CropTrails helps digitizing, quantifying and analyzing the farm data. The objective of CropTrails is to create win - win situation for farming companies and farmers cultivating for them, by increasing quantity and quality of the yield. This Agri-IT solution is here to transform the agriculture industry.	Farm management	Business	Available on Google Play and web	android, web	Free	Yes, Saas	CropTrails	Google Play Store	-
CVA Coop	cvacoop IT	US	Nebraska	The CVA Coop app brings you real-time cash bid and futures prices, in addition to updated weather and the latest agricultural news.	cash bid, futures, weather, news	News/Education	Available in the App store and Google Play store	iOS, android	Free	-	Central Valley Ag	Apple Store	Google Play Store

Purdue Ag Apps Listing

Dark Sky	Dark Sky Company LLC / Apple	US	-	This paid hyperlocal weather app specializes in "down-to-the-minute rain predictions covering the next hour." If you're trying to determine whether the overcast sky outside is either going to leave you drenched or nothing but bluster, this is the app for you. You can even set custom alerts for daytime or nighttime temperatures, chance of precipitation, or wind speed. Another fun feature for weather junkies: "interesting storm" alerts for weather events across the U.S.	weather, precipitation, wind speed, storm	Weather	Available on the App store and Google Play	iOS	iOS: 3.99 Android: Free	None currently	Dark Sky for iOS	Apple Store	Google Play Store
WeatherLink	Davis Instruments Corporation	US	California	The WeatherLink app brings the Davis WeatherLink Network to your phone. Join the worldwide network of businesses, schools and hobbyists who have chosen to share their weather data with the world. WeatherLink lets you see your personal Davis Instruments weather station data and local forecasts, as well as explore other stations from around the world. Enjoy real time data, forecasts and interactive charts.	Weather, Forecast, Weather Station	Weather	Available in the App store and Google Play store	iOS, Android,	free	Optimized to work with Davis products only	Davis Instruments	Apple Store	Google Play Store
DJI Go 4	DJI	China	-	Capture the world from above. DJI GO 4.0 has been optimized for all of DJI's latest products. These include the Phantom 4,Mavic Pro, Phantom 4 Pro, and Inspire 2. It provides near real-time image transmission and camera settings adjustment, as well as editing and sharing of aerial imagery.	Drone, UAV, Automated Flight	Technology	Available in the App store and Google Play store	iOS, Android,	free	Optimized to work with DJI products only	dji	Apple Store	Google Play Store
DJI Go	DJI	China	-	Capture the world from above. DJI GO 4.0 has been optimized for all of DJI's latest products. These include the Inspire 1, Phantom 3, and Matrice. It provides near real-time image transmission and camera settings adjustment, as well as editing and sharing of aerial imagery.	Drone, UAV, Automated Flight	Technology	Available in the App store and Google Play store	iOS, Android,	free	Optimized to work with DJI products only	dji	Apple Store	Google Play Store
Farm Calculators	Dr. Vishwanath Koti	Unknown	-	Calculate fertilizers (NPK), pesticides, fungicides, herbicides, plant population, seed rate, and seed blending to ensure optimal yields.	Fertilizer, Fertility, Nutrients, Application rates, pesticides, fungicide, herbicide, insecticide, seed rate, plant population	spraying/spreading	Available on Google Play	android	Free	-	Google Play Store	Google Play Store	-
Croptracker	Dragonify IT	Canada	-	The Croptracker mobile app allows growers of fruit and vegetables to take our award winning farm-management software on the go. Croptracker helps growers keep accurate spray and harvest records, manage performance, track labour and production costs, and increase traceability to improve food safety. Croptracker's farm management app integrates with our desktop webapp, so you can record farm data and get a big picture view of your farm at any time, from anywhere.	Fruit, vegetables, application, harvest, farm management, orchards	Crops	Available on the App store and Google Play	iOS, android	Free	Yes, SaaS	CropTracker	Apple Store	Google Play Store
DraughtLab	DraughtLab	US	-	Powered by the Beer Flavor Map and the latest in sensory research, the DraughtLab Describe Your Beer tool will help you build flavor profiles as the first step towards product/release testing and troubleshooting. Whether you're just getting started in the brewing industry or you're a seasoned pro, this is the perfect place to do a quick beer description with colleagues and get your feet wet in sensory.	Beer, Brewing, Breweries, Fermentation, Sensory, Quality Control	News/Education	Available in the App store and Google Play store	iOS, Android,	free	Paid versions \$50+	DraughtLab Software	Apple Store	Google Play Store
Drone Deploy	Drone Deploy	US	California	DroneDeploy is the leading cloud software platform for commercial drones, and is making the power of aerial data accessible and productive for everyone. The free DroneDeploy app provides easy automated flight and data capture, and enables you to explore and share high-quality interactive maps, orthomosaics and 3D models directly from your mobile device.	Drone, UAV, Automated Flight, Stitching, Orthomosaics, map, maps, mapping	Technology	Available in the App store and Google Play store	iOS, Android,	free	Yes, SaaS	DroneDeploy	Apple Store	Google Play Store
DTN Chembook	DTN, LLC	US	-	DTN Chembook allows scouts in the field to find the optimal treatment for multiple issues like weeds, bugs and fungi by connecting them directly to products that will combat them.	pests, insects, disease, weeds, scouting, field scouting, chemistry	Pest	Available on the App store	iOS	free	Yes, Saas	DTN	Apple Store	-
E4 Field Notes	E4 Crop Intelligence	US	-	Easily record field inspection data about invasive grasses, insects, diseases, weather damage, crop deficiencies, and more. Consistently recorded inspection details allow users to precisely measure the advancement or suppression of problems.	Scouting, Field Scouting, Field Inspection, weeds, disease, insects, nutrient deficiency, weather	Pest	Available on the App store	iOS	Free	Yes	E4 Crop Intelligence	Apple Store	-

Purdue Ag Apps Listing

WildPlantID	Euclid Creek Watershed	US	-	WildPlantID aids beginning and advanced users in identifying wild plants in the Euclid Creek Watershed. Users are guided through a series of questions (type of leaves, color of flowers, etc.) with illustrations until the app can display the likely matches. The app aims to help introduce newcomers to the study of wild plants and to serve as a field tool for groups doing conservation work in the Euclid Creek Watershed. WildPlantID comes with a database of all known wild plants that might be found in the watershed, including invasive species, and is fully functional without an internet connection. A glossary, pop-up definitions, and images make the app easy to use as a field reference. The app and its database are developed by volunteers local to the region.	Euclid Creek Watershed, Wild plants, conservation, invasive species	Conservation	Available on the App store	iOS	Free	-	Cuyahoga Soil and Water Conservation District	Apple Store	-
Agro	Ezi App	Unknown	-	With Agro, agronomists now have the ability to complete entire inspection reports, hold the sale of products, and complete all paperwork before they even drive out of the gate of their current customer and head over to their next.	Scouting, Field Scouting, records	Crops	Available on the App store and on the web	iOS, web	12.99	-	None	Apple Store	-
Farm at Hand	Farm at Hand / Telus	Canada	-	Complete farm management app that allows you to manage your entire farming operation from seed to sale, anytime, anywhere via your computer, tablet, or smartphone.	Farm Management	Business	Available on the App store and Google Play	iOS, android	Free	\$120 - \$500 CAD/yr	Farm at Hand	Google Play Store	Apple Store
Farm Dog	Farm Dog Technologies	US	-	Farm Dog's digital crop protection hub saves you time in the field and helps you easily share your field observations. Named a top 20 agriculture app for 2020 by CropLife, Farm Dog helps growers and agronomists on over 1.5 million acres. Farm Dog's digital crop protection hub includes: 1) best-in-class scouting platform 2) weather information 3) directed scouting via satellite and plane imagery integration 4) pesticide label lookups 5) data insights	Scouting, Field Scouting, Crop Scouting, Field Observations, weather, remote sensing, imagery, pesticide, data insights	Crops/pest	Available in the App store and Google Play store	iOS, android	free	Premium Version: \$44.99/ month/ user	Farm Dog	Apple Store	Google Play Store
FarmHand	Farm Hand App LLC	US	-	Farm Owners - Download the app, create a 'Farm Owner' profile, post a job and get applications from Farm hands that meets your requirement to give you a hand. Farm Hands - Download the app, create a Farm Hand Profile, browse through the jobs that have been posted in your area and apply for them. FarmHand provides you with the latest job opportunities in your Farming and Agriculture areas of interest. The FarmHand app allows you to search, save, share and apply to the 'hottest' opportunities in the farming industry from your mobile device!	Job Search, Farm, Farm Hand, Employee, Employer, Employment, Agriculture Jobs, Job Opportunities, Farming Industry	Business	Available in the App store and Google Play store	iOS, Android, web	Free	Yes, cost to employers	FarmHand	Apple Store	Google Play Store
AgWeb News and Markets	Farm Journal, Inc	US	-	Provides the latest agribusiness news and advice. Read ag management news, farm business blogs and articles from one trusted source.	News, Ag Management, Farm, Farm Business, markets, commodities, prices	News/education	Available in the App store and Google Play store	iOS, android	Free	-	Farm Journal Mobile	Apple Store	Google Play Store
Drovers	Farm Journal, Inc	US	-	The latest beef industry news, markets and production advice from your No. 1 source of all things cattle.	Beef, Cattle, Markets, Production	Livestock	Available in the App store and Google Play store	iOS, android	Free	-	Farm Journal Mobile	Apple Store	Google Play Store
Dairy Herd Management	Farm Journal, Inc	US	-	Get the latest dairy news and advice. Management news, expert commentary and articles from Dairy Herd Management and Farm Journal's Milk, all from one trusted source.	Dairy, news, Dairy Management, Herd, Milk	News/education	Available in the App store and Google Play store	iOS, android	Free	-	Farm Journal Mobile	Apple Store	Google Play Store
MyFarmTV	Farm Journal, Inc	US	-	MyFarmTV is the anywhere television network for American Agriculture. The very best news, market analysis, machinery insights and stories from rural America, live and on-demand, on your phone, tablet, desktop and television. Now featuring AgDay, U.S. Farm Report, Machinery Pete TV and Farm Journal's College TV	news, talk, entertainment, market analysis, machinery insights	News/education	Available on iOS	iOS	Free	-	Farm Journal Mobile	-	-
Idroplan	Farm Technologies srl	Italy	-	Idroplan allows you to increase yields and product quality without losses in production. With this app, you can monitor your crops' health everywhere, anywhere.	irrigation	Crops	Available on the App store and Google Play	iOS, android	Free	Yes, SaaS	idroplan	Apple Store	Google Play Store
Farmdok	Farmdok GmbH	Austria	-	FARMDOK is the smart farm management system. Run your farm professionally with smartphones & tablets.	Farm management, Field Management	Business	Available on the App store and Google Play	iOS, android	Free	Yes, Saas	Farmdok	Google Play Store	Apple Store
Farmers Business Network	Farmers Business Network Inc.	US	-	FBN is on a mission to create a future of farming that puts Farmers First by democratizing information, providing unbiased analytics, and creating competition for farmers' business.	Farming, Analytics, Prices, Scouting	Business	Available in the App store and Google Play store	iOS, android, web	Free	FBN membership: 700 - 2,500 dollars	Farm Business Network	Apple Store	-
FarmCommand	Farmers Edge	Canada	-	FarmCommand® is a digital farm data management app packed with tools designed for in-field use. This easy-to-use-app helps you quickly, analyze, visualize and share information from anywhere.	Farm Management, scouting, GPS, equipment, field management, harvest, weather, markets	Business	Available on the App store and Google Play	iOS, android	Free	Yes, Saas	Farmers Edge	Google Play Store	Apple Store

Purdue Ag Apps Listing

eSample Zone	Farmers Edge	Canada	-	eSample Zone provides FarmCommand users with a fast and accurate tool to soil sampling zone managed fields. This tool is designed to save the soil sampler and agronomist time in the field and office, to enable soil sampling by zone to be done as efficiently as possible. eSample Zone app is designed to work with the FarmCommand platform to complete soil sampling jobs for zone managed fields.	soil sampling, management zones, zone sampling	Soil	Available on Google Play	android	Free	Yes, Saas	Farmers Edge	Google Play Store	-
eSample Grid	Farmers Edge	Canada	-	eSample Grid is an easy-to-use app for in-field navigation to georeferenced sampling points to conduct grid-based soil sampling and sample submission.	soil sampling, grid sampling, management grids	Soil	Available on the App store and Google Play	iOS, android	Free	Yes, Saas	Farmers Edge	Google Play Store	Apple Store
FarmlandFinder	FarmlandFinder	US	Iowa	Each year, \$56 billion of farmland exchanges ownership, most of which is bought and sold entirely offline. This creates an opaque market, which makes it virtually impossible for buyers, sellers and land professionals to make data-driven decisions. FarmlandFinder solves these problems by providing real-time data and transparency through our market intelligence and data management tools.	Data-Driven land sales, land value, land sales, price transparency, land price	Business	web	web	Free	Premium version: Talk to Sales Specialist	Farm Land Finder	-	-
FarmLogs	FarmLogs	US	-	Provides precipitation reports for individual fields, record field operations and access crop history for all fields. Record scouting observations and images.	Field management, Farm management, scouting	Business	Available on the App store and Google Play	iOS, android	Free	\$180 - \$1428+/yr	Farm Logs	Apple Store	Google Play Store
Farmmapper	Farmmapper, LLC	US	-	Easily and quickly create a farm map using Farmmapper. It does not take much time to create your farm map because of the custom drawing tools and the preloaded shapes in the database. This allows you to jumpstart your project and make a creative and eye catching map of your farm layout. It takes a few minutes to get started using the familiar Google maps view allowing both satellite or terrain images, custom drawing tools, and extra Farmmapper features. There are many ways that Farmmapper has to bring your farm operation to life on a map.	Mapping, Field Management, Maps, GIS	Technology	Website version only	web	Free	Free to 500/yr	Farm Apper	-	-
Farmmobile DataEngine	Farmmobile, LLC	US	-	Farmers and their trusted ag partners need data to work as hard as they do. Ag data needs to be immediate. Viewable. Accessible. Downloadable. Shareable. Real-time. The Farmmobile DataEngine App delivers all that and more. And it's redefining how farmers interact with their agronomic and machine data in a digital world.	data, data management, logistics, real-time, agronomic data, machine data	Technology	Available on the App store	iOS	Free	Farmmobile Subscription	Farm Mobile	Apple Store	-
Farmmobile Notes	Farmmobile, LLC	US	-	After downloading the Farmmobile Notes app to a mobile or smartphone device, farmers can send a text or photo image which is time-stamped and tagged with geospatial metadata. Geotagging allows Farmmobile to pinpoint the exact location on the EFR where the content or photo was recorded. The content can be easily viewed on the EFR using the Farmmobile DataEngine in-cab with a mobile device, computer or laptop.	GPS, geotag, notes, scouting, field scouting	Technology	Available on the App store and Google Play	iOS, android	Free	Farmmobile Subscription	Farm Mobile	Google Play Store	Apple Store
FarmQA Scouting	FarmQA	US	-	FarmQA Scouting is your digital agronomy assistant for crop and field scouting. With flexible scouting forms, you can scout any crop, anywhere. FarmQA Scouting will increase the effectiveness of your crop scouting for standard crops as well as specialty crops like grass seed, hops, or even grapes. There are no constraints because FarmQA Scouting adapts to your needs.	Scouting, field scouting, field inspection, pests, disease, insects, weeds, field crops, farm management, field management	Crops/pest	Available on the App store and Google Play	iOS, android	Free	Yes, Saas	Farm QA	Apple Store	Google Play Store
Used Farm Equipment App	Farms.com	US	-	This app was developed by Farms.com and is an essential app for any mobile user searching for used farm equipment and agricultural machinery. Simple to use, the used farm equipment app allows users to search by equipment category, brand, price, and location. View equipment photos and details, dealer locations, maps and contact information, save your favorites, and more.	Farm Equipment, Used Farm Equipment, Equipment, Machinery	Machinery	Available in the App store and Google Play store	iOS, android	free	-	Farms.com	Google Play Store	Apple Store

Purdue Ag Apps Listing

B4UFly	Federal Aviation Administration (FAA)	US	-	B4UFly is the simple, easy-to-understand way for drone operators to check U.S. airspace before taking flight. Stay compliant, and contribute to a safer national airspace by making yourself aware of advisories and restrictions in the airspace around you. With B4UFly, you simply open the app and select where you want to fly to see the status of the airspace selected, as well as details regarding surrounding advisories. B4UFly is provided through a partnership between the FAA and Kittyhawk IO.	UAV, Drone, Situational awareness, LAANC, airspace	Technology	Available in the App store and Google Play store	iOS, Android,	free	-	Federal Aviation Administration	Apple Store	Google Play Store
Fertilizer Mixing Calculators	FKmicro.com	India	-	Access fertilizer facts instantly on Android. Reduce cost with our mobile app to get knowledge like a fertilizer manufacturer on your hand phone, easy to use, make sense, everyone can use.	Fertilizer, Fertility, Nutrients, Cost, ROI	spraying/spreading	Available on Google Play	android	Free	-	None	Google Play Store	-
IveGott	Florida Invasive Species Partnership / University of Georgia	US	Florida / Georgia	Every year more than 85 million people visit Florida. However, people are not Florida's only visitors; Florida is also an inviting destination for invasive species that threaten to undermine the health of our environment. More than an inconvenience, invasive plants and animals can greatly alter our native landscape, adversely impact native wildlife, destroy agricultural crops and threaten our health. Invasions of exotic species cost Floridians over \$500 million each year. The economic costs are small compared to the ecological ones. Florida has millions of acres of public lands; these lands furnish us the water we drink, the air we breathe and countless recreational opportunities. These public lands are highly vulnerable to invasion by exotic plant and animal species; it is estimated that more than 1.7 million acres of Florida's natural areas have been infested by invasive species.	Invasive Species, Invasive Species monitoring, pythons	Conservation	Available on the App store and Google Play	iOS, android	Free	-	Bugwood Apps	Apple Store	Google Play Store
iSOYL Precision Farming	Frontier Agriculture LTD	United Kingdom	-	iSOYL, when used with the iSOYL Controller Cable, can connect with most popular agricultural spreader, sprayer, and seed drill controllers to allow variable rate application of precision farming application data.	Precision Agriculture, Precision Farming, Machine Data, Precision	Technology	Available on the App store	iOS	Free, but requires special equipment	Yes	Soyl	Apple Store	-
MyCrop Barley	Government of Western Australia	Australia	-	The Diagnostic Tool quickly diagnoses a range of possible constraints based on real-time crop and paddock symptoms. It contains an extensive image and factsheet library for 83 in-crop constraints, helping accurate identification of constraints and possible management solutions. It covers a broad range of diseases, pests, nutrients deficiencies, herbicide damage symptoms and other management and environmental production issues.	Barley, diseases, pest, weeds, nutrient deficiency, herbicide damage	Crops	Available in the App store and Google Play store	iOS, Android,	free	-	Department of Primary Industries and Regional Development	Apple Store	Google Play Store
MyCrop Wheat	Government of Western Australia	Australia	-	The Diagnostic Tool quickly diagnoses a range of possible constraints based on real-time crop and paddock symptoms. It contains an extensive image and factsheet library for 85 in-crop constraints, helping accurate identification of constraints and possible management solutions. It covers a broad range of diseases, pests, nutrients deficiencies, herbicide damage symptoms and other management and environmental production issues.	Wheat, diseases, pest, weeds, nutrient deficiency, herbicide damage	Crops	Available in the App store and Google Play store	iOS, Android,	free	-	Department of Primary Industries and Regional Development	Apple Store	Google Play Store
Flystrike Assist	Government of Western Australia	Australia	-	This app assists with decisions on the appropriate chemical application for flystrike prevention in sheep. It gives information on protection periods while observing chemical withhold periods and allows notifications of dates to be added to your phone's calendar.	Sheep, flystrike	Livestock	Available in the App store and Google Play store	iOS, Android,	free	-	Department of Primary Industries and Regional Development	Apple Store	Google Play Store
Lambing Planner	Government of Western Australia	Australia	-	The Lambing Planner app by DAFWA and ASHEEP group of Esperance in Western Australia helps sheep managers map the breeding cycle for sheep and gives key recommendations on management operations that make up the breeding cycle	Sheep, lambing, breeding, sheep management	Livestock	Available in the App store and Google Play store	iOS, Android,	free	-	Department of Primary Industries and Regional Development	Apple Store	Google Play Store
MyCrop Oats	Government of Western Australia	Australia	-	The Diagnostic Tool quickly diagnoses a range of possible constraints based on real-time crop and paddock symptoms. It contains an extensive image and factsheet library for 85 in-crop constraints, helping accurate identification of constraints and possible management solutions. It covers a broad range of diseases, pests, nutrients deficiencies, herbicide damage symptoms and other management and environmental production issues.	Oats, diseases, pest, weeds, nutrient deficiency, herbicide damage	Crops	Available in the App store and Google Play store	iOS, Android,	free	-	Department of Primary Industries and Regional Development	Apple Store	Google Play Store

Purdue Ag Apps Listing

MyCrop Pulses	Government of Western Australia	Australia	-	The Diagnostic Tool quickly diagnoses a range of possible constraints based on real-time crop and paddock symptoms. It contains an extensive image and factsheet library for 85 in-crop constraints, helping accurate identification of constraints and possible management solutions. It covers a broad range of diseases, pests, nutrients deficiencies, herbicide damage symptoms and other management and environmental production issues.	Pulses, diseases, pest, weeds, nutrient deficiency, herbicide damage	Crops	Available in the App store and Google Play store	iOS, Android,	free	-	Department of Primary Industries and Regional Development	Apple Store	Google Play Store
MyCrop Canola	Government of Western Australia	Australia	-	The Diagnostic Tool quickly diagnoses a range of possible constraints based on real-time crop and paddock symptoms. It contains an extensive image and factsheet library for 85 in-crop constraints, helping accurate identification of constraints and possible management solutions. It covers a broad range of diseases, pests, nutrients deficiencies, herbicide damage symptoms and other management and environmental production issues.	Canola, diseases, pest, weeds, nutrient deficiency, herbicide damage	Crops	Available in the App store and Google Play store	iOS, Android,	free	-	Department of Primary Industries and Regional Development	Apple Store	Google Play Store
GPSWOX	GPSWOX	US	-	GPSWOX offers mobile-based real-time GPS tracking of fleet vehicles, including vehicle speed, fuel consumption, and location.	GPS, tracking, tracability, fleet management	Machinery	Available on the App store and Google Play	iOS, android	Free to download, with a paid option	Starting at 2.99/month	Global GPD tracking solutions	Apple Store	Google Play Store
Pest Manager	Grain Farmers of Ontario	Canada	-	The Pest Manager app, which was created by Grain Farmers of Ontario, is a great tool to use for discovering pest types and treatment methods for each. The app includes diseases, weeds, and insects; the management methods are available for soybean, corn and cereal crops.	Corn, Soybean, Cereal Crops, Scouting, Field Scouting, disease, weeds, insects, Field Management	Pest	Available on the App store and Google Play	iOS, android	Free	-	Grain Farmers of Ontario	Apple Store	Google Play Store
GrainCoat	GrainCoat, LLC	US	-	GrainCoat is a streamlined, grain marketing solution that allows you to make decisions on-the-go while taking advantage of shifts in the market, regardless of location.	grain, grain marketing, markets	Crops	Available in the App Store	iOS	free	Premium: \$199/yr	Grain Coat	Apple Store	-
Herd Manager	Grand Dairy Tech	India	-	This mobile application, developed by Grand Dairy Tech helps you manage your herd. It helps you identify the most profit and loss-making cattle from the entire herd. Easily input your cattle information, their tag numbers, birth dates, parent information, reproductive status into the app. It then gathers data around due dates, calving events, and the historical calving tendencies of both your herd and the individual animals within. It categorizes cattle on the basis of their status and set alerts. It let you move an animal from one category to another manually and provides quick access to individual animal data.	Dairy, Dairy Management, Herd, Milk, herd ID	livestock	Available on Google Play and web	android, web	Free	Yes, Saas	Grand Dairy Tech	Google Play Store	-
MapShots AgStudio Map	Granular / Corteva	US	-	Synchronization with AgStudio PRO and AgStudio FARM Advanced Agronomy module provides a means of recording boundaries and soil sampling locations without having to move files to and from AgStudio, making your operation more efficient.	Field Boundries, Soil Sampling	Technology	Available on the App store	iOS	Free	Yes, must have MapShots AgStudio	AgStudio	Apple Store	-
Great Lakes Vegetables	Great Lakes Vegetable Working Group / University of Georgia	US	-	This Sweet Corn Pest Identification and Management guide is a quick, colorful, and handy reference for sweet corn growers, extension educators, crop consultants, and industry field representatives who work in the North Central Region and Ontario, Canada.	Sweet Corn, pest, pest ID, disease, insect, weed, pesticide, herbicide, insecticide, fungicide	Pest	Available on Google Play	Android	Free	-	Bugwood Apps	Google Play Store	-
Alfalfa Potassium Calculator	Great Salt Lake Minerals	US	-	Use the Alfalfa Uptake Calculator to estimate how much potassium your alfalfa crops remove from the ground and how much you need to apply to replenish the loss.	Alfalfa, Potassium, Fertilizer, Fertility, Nutrients, ROI	Crops	web only	Web	Free	-	ProTassium	-	-
Potato Potassium Calculator	Great Salt Lake Minerals	US	-	Potato Uptake Calculator can be used to estimate how much potassium your potatoes remove from the ground and how much you need to apply to replenish the loss.	Potassium, Fertility, Fertilizer, nutrient deficiency, nutrients	spraying/spreading	web only	Web	Free	-	ProTassium	-	-
Nozzle Calc	Greenleaf Technologies	US	-	The Greenleaf Technologies nozzle calculator accurately determines the correct size nozzle for your spraying specifications. You can clearly see the droplet size each type of nozzle will produce based on the rate, speed, and spacing you use.	Spray, Sprayer, Nozzle, Calibration	spraying/spreading	web only	Web	Free	-	Green Leaf Technologies	Green Leaf Technologies	-
Smartphone Herd Manager	Grpue ISAGRI	France	-	This application allows you to record real-time reproduction and health events – A herd management time saver! View monitoring lists for expected breeding events and animals requiring special attention such as current health treatments, waiting delays, expected calvings, to name but a few. Consult the complete historical information for an animal at any time.	Livestock management, breeding, reproduction, health monitoring	livestock	Available on the App store and Google Play	iOS, android	Free	-	ISAGRI Livestock Management	Google Play Store	Apple Store

Purdue Ag Apps Listing

FertMatch	Haifa Group	US / Global	-	Determine the right amount of fertilizers needed to get a desired nutritional composition. The grower inserts details about their fertigation control head, defines a reference element and concentration, and selects fertilizers. The output simply tells what quantity of fertilizer is needed, and what will be the concentration of nutrients in the irrigation water.	Fertilizer, Fertility, Nutrients, Application, Application Rate, Machine data, Irrigation, Fertigation	spraying/spreading	Available in the App store and Google Play store	IOS, android	Free	-	Haifa Pioneering the Future	Google Play Store	Apple Store
HerdBoss	HerdBoss	US	-	A complete end-to-end solution, HerdBoss for Sheep tracks everything about your flock in a simple and intuitive way that will help you and your entire team save time and money, and increase accuracy and completeness of your tracking.	Sheep, Flock management	livestock	Available on the App store	IOS	Free	Premium: \$5 / month	HerdBoss	Apple Store	Google Play Store
Lot Viewer On-The-Go	Hi-Plains Systems, Inc	US	-	Using the Mobile Lot Viewer, the user can access performance data on each lot of cattle. Using the lot close out format, the yard analysis data can be viewed for closed and active lots. The application to export your data from your feedlot software is free!	Beef, Cattle, feedlot	livestock	Available on the App store and Google Play	IOS, android	Free	Yes, Saas	Hi-Plains Systems, Inc.	Apple Store	-
Barn Rx	Hog Slat, Inc	US	-	If you manage swine buildings, the BarnRX app is for you! Spend less time trying to organize tasks and figuring out where to find the products you need – let BarnRX do the work.	swine, hogs, pigs, swine buildings, CAFO	Livestock	Available on the App store	IOS	Free	-	BarnRX	Apple Store	-
The Hops List	Hopslist.com	US	-	The Hops List is the world's most comprehensive hop dictionary, cataloging 265 varieties of beer hops from around the globe. Entries within the book encompass tasting notes, origins, lineages, styles, substitutes, oil and acid data and heaps more. There are also comments from professional brewers employed by some of the world's most respected craft breweries including Deschutes, Brooklyn Brewery, Dogfish Head, D.G. Yuengling & Son, SweetWater Brewing Company and others.	Hops, Beer, Brewing	Crops	Available in the Apple Book store, Amazon Kindle, and as a PDF	-	-	9.99	Hops List	Apple Books	Amazon Prime Kindle Edition
HopTechnic	HopTechnic	US	Washington	A new way to brew and a new way to sell. HopTechnics™ is an interactive, hop flavor profile selector. HopTechnics™ allows distributors to promote the unique qualities of their inventory while allowing brewers a new way of planning and brewing amazing beers.	Hops, Beer, Brewing	Crops	Available in the App store and Google Play store	IOS, Android,	free	-	HopTechnic	Apple Store	Google Play Store
Fertilizer calculator n2f	ICAR CCARI	India	-	Calculate nutrient-to-fertilizer values completely offline.	Fertilizer, Fertility, Nutrients	spraying/spreading	Available on Google Play	android	Free	-	AeriGoaExpert	Google Play Store	-
iCrop Talk	iCroptrak	US	-	The iCropTrak allows users to take advantage of geographic data, the GPS technology in the iPad, the larger screen size and touch interaction. iCropTrak gives users an opportunity to deploy data collection templates for functions as diverse as food safety inspections, field spray management, employee timesheets and more.	GPS, Farm Management	Technology	Available on the App store	IOS	Free	Yes, Saas	iCrop Talk	Apple Store	Google Play Store
MyAgData	Independent Data Management, LLC	US	-	MyAgData is a cloud-based application that automates the data collection and reporting process required by the U.S. Department of Agriculture (USDA) to satisfy obligations for crop insurance and Farm Service Agency (FSA) program participation.	Records, reporting, Agriculture policy, crop insurance, Farm Service Agency, FSA	Business	Available on the App store and Google Play	IOS, android	Free	-	My Ag Date	Apple Store	Google Play Store
Farm Futures	iNet Solutions Group	US	-	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.	Markets, Market News, News, Commodities, prices, futures	Business	Available in the App store and Google Play store	IOS, android	Free	-	Farm Progress	Google Play Store	Apple Store
Gavilon Grain	Gavilon Grain	US	-	Up-to-date weather, cash bids, news and market information provided by your local Gavilon facility.	Weather, local, cash bids, news, markets	Business	Available in the App store and Google Play store	IOS, android	Free	None, but only has information for Gavilon Grain	Gavilon Agriculture Holdings	Apple Store	Google Play Store
Growers Edge	Growers Edge	US	-	Access weather pinpointed to an individual field while locating best cash price bids within a 100-miles of a location. Users can also receive local market commentary and ag news, compare risk management options and fully utilize the Profit Manager tool to establish profit goals, edit input costs, record marketing transactions and track profit by crop and year.	weather, cash bids, prices, risk management, profitability	Business	Available in the App store and Google Play store	IOS, android	Free	None, but Growers Edge is an Agriculture Lender	Growers Edge	Google Play Store	Apple Store
Farm Progress	iNet Solutions Group, Inc	US	-	Keep up on local ag news, grain and livestock markets, enhanced weather and blogs. The app automatically directs one to the right local Farm Progress website, or you can choose your favorite.	ag news, news, grain markets, livestock markets, commodities, weather	News/Education	Available in the App store and Google Play store	IOS, android	Free	-	Farm Progress	Apple Store	Google Play Store
FarmWeek	iNet Solutions Group, Inc	US	Illinois	Provides farmers with the latest information about agriculture from the staff at FarmWeek, RFD Radio Network and Illinois Farm Bureau's News and Communications division.	news, markets, weather, cash bids, RFD Radio	News/Education	Available in the App store and Google Play store	IOS, android	Free	-	Farm Week	Apple Store	Google Play Store

Purdue Ag Apps Listing

DiagnoPlantTobacco	INRA	France	-	Welcome to Di@gnoplant Tobacco, the INRA tool for the diagnosis of tobacco diseases. With this application you can easily identify parasitic diseases and physiological disorders affecting tobacco. It allows quick access to essential knowledge about pests, and helps choose optimised protection methods. Di@gnoplant Tobacco is the English version of Di@gnoplant Tabac translated by CORESTA (Cooperation Centre for Scientific Research Relative to Tobacco)	Tobacco, diseases, disorders, pests, pesticides	Crops/pest	Available on the App store	iOS	Free	-	INRA	Apple Store	-
iPIPE	Integrated Pest Information Platform for Extension and Education	US	-	The iPIPE (Integrated Pest Information Platform for Extension and Education) app provides the opportunity for users to share information on pests so that agriculture professionals can make more informed decisions. Recorded data can either be immediately uploaded or saved to upload at a later time. The submitted data will instantly be put on the iPIPE map so that others can see the current pest distribution. Those who submit data will be kept anonymous to keep confidentiality among users.	pests, data sharing, insects, disease, weeds, scouting, field scouting	Pest	Available in the App store and Google Play store	iOS, android	Free	-	iPIPE	Google Play Store	Apple Store
Crop Nutrient Removal Calculator	International Plant Nutrition Institute	Global	-	The Crop Nutrient Removal Calculator app from the International Plant Nutrition Institute assists farmers in reaching the optimal crop nutrient levels.	IPNI, Nutrient Removal, Nutrients, Fertility, Fertilizer	spraying/spreading	Available on the App store	iOS	Free	-	IPNI	Apple Store	-
Nutrient Deficiency Photos	International Plant Nutrition Institute	Global	-	A collection of crop nutrient deficiency photos. A range of nutrient deficiency examples are provided for 93 prominent crops. Text and diagrammatic descriptions are also provided.	IPNI, Nutrient deficiency, crops	Crops	Available on the App store	iOS	Free	-	IPNI	Apple Store	-
K Gallery	International Potash Institute	Global	-	Dozens of high quality original photos showing typical response of various crops to the application of potash fertilizer, and potassium deficiency symptoms in leaves.	Potassium, Fertility, Fertilizer, nutrient deficiency, nutrients	spraying/spreading	Available on the App store and Google Play	iOS, android	Free	-	International Potash Institute	Google Play Store	Apple Store
Rice Doctor	International Rice Research Institute / University of Queensland, Australia / Philippine Rice Research Institute / Research Institute for Rice, Indonesia	Global	-	Rice Doctor is an interactive tool for extension workers, students, researchers and other users who want to learn and diagnose pest, disease, and other problems that can occur in rice; and how to manage them. This interactive tool allows users to diagnose or at least make a short list of possible problems occurring in a rice crop. The key covers over 80 pests and diseases and other disorders. The combination of text descriptions and images helps users in the process of diagnosing their problems.	Rice	Crops	Available on the App store and Google Play	iOS, android	Free	-	International Rice Research Institute	Apple Store	Google Play Store
Pesticide and Field Records II	Iowa State University	US	Iowa	Record and maintain pesticide applications, link to specific field locations using satellite mapping, and keep other important crop production information with. Use the convenient product search option to quickly identify EPA product registration numbers and restricted use products.	Spray, Sprayer, Calibration, Pesticides, Herbicides, Fungicides, Insecticides, GPS	spraying/spreading	Available on the App store	iOS	Free	-	Iowa State University Extension and Outreach	Apple Store	-
Cover crop tool	Iowa State University	US	Iowa	This decision tool is intended to help farmers who do not currently use cover crops evaluate the expected annual net returns to cover crop adoption under alternative scenarios, and to serve as a benchmark for farmers who are already using cover crops and want to improve the return on their investment.	Cover Crops, Benchmarking, ROI	Conservation	It is an online tool available from Iowa State	web	Free	-	-	Iowa State University Center for Agricultural and Rural Development	-
Pesticides and Alternatives	ISEAL Alliance	Global	-	The IPM Coalition under the umbrella of the ISEAL Alliance created "Pesticides & Alternatives". The multi-lingual tool will support pest control with less negative environmental and human impact. The APP is targeted for auditors, decision-makers of farms, fields and forests.	Sustainability, Environment, pesticides, herbicides, insecticides, fungicides	Conservation	Available on the App store and Google Play	iOS, android	Free	-	ISEAL Alliance	Apple Store	Google Play Store
Spray Guide	J.R. Simplot	US	-	Provides mix guide feature to plan tank mixture based on products, maintain field and spray logs. Provides a database of over 1,300 crop protection products.	Spray, Sprayer, Calibration, Pesticides, Herbicides, Fungicides, Insecticides	spraying/spreading	Available on Google Play	android	Free	-	J.R. Simplot	Apple Store	Google Play Store
Greenhouse Advisor	James Crockett	Australia	-	A simple hand held resource for the professional grower who needs identification help with a plant problems while in the greenhouse or field related to insects, plant pathogens or weeds. Included are images, descriptions, solution options, easy links to current approved labels, product information sheets on use including a brief summary of each product, and a beginning forum for growers to discuss technical, operational or structural issues with their peers. Try it out and enjoy!	Greenhouse, insects, disease, weeds, pesticides, insecticide, herbicide, fungicide	spraying/spreading	Available on the App store and Google Play	iOS, android	Free	-	NuFarm	Apple Store	Google Play Store
Apply Plus	John Deere	US	-	Quick-reference overview of key adjustments, maintenance, and operation of R4023, R4030, R4038, and R4045 sprayers.	Spray, Sprayer, Calibration, Pesticides, Herbicides, Fungicides, Insecticides	spraying/spreading	Available on the App store and Google Play	iOS, android	Free	-	John Deere	Apple Store	Google Play Store

Purdue Ag Apps Listing

AgLogic Mobile	John Deere	US	-	A complete logistics solution for custom application that syncs with the AgLogic web application.	Fleet management, logistics, sprayers, spreaders, application, machine data	Machinery	Available in the App store and Google Play store	iOS, android	Free	Yes, license	John Deere	Google Play Store	Apple Store
OnMRK	KCFB & KSWCD	US	Ohio	Knox County, Ohio Nutrient Management Record Keeper. Enter the fertilizer type, rate, amount applied, total acres, soil conditions, application method, weather conditions when applied, using a tablet or smartphone. *Desktop version is needed *Must have a Certified Applicator ID to register	4R, Nutrient Management, Fertilizer, Fertility, application	Conservation	Available in the App store and Google Play store	iOS, android	Free	Free, Registration required	Onmrk	Apple Store	Google Play Store
KeepTruckin	KeepTruckin	US	-	The free version of KeepTruckin allows you to track vehicles and location history, generate and download inspection reports, manage documents such as bill of lading and fuel ticket, and send instant messages to drivers.	GPS, tracking, tracability, fleet management	Machinery	Available on the App store and Google Play	iOS, android	Free, with a paid option	\$20/month/vehicle	Keeptruckin	Apple Store	Google Play Store
Kittyhawk	Kittyhawk.io, Inc	US	-	Kittyhawk makes it easy for companies to manage a drone program that's safe, compliant, and reliable. Whether you're a pilot out in the field or a manager back in the office, Kittyhawk provides easy to use mobile apps and desktop tools that keep teams flying safe and their data organized. It's one connected platform to navigate airspace, maintain aircraft, and manage aviators. We're an FAA-approved UAS Service Supplier (USS). That means Kittyhawk has met FAA requirements for secure data exchange, operating rules, and airspace safety. Over 2 million flights have flown inside the Kittyhawk platform. We're proud to be backed by industry leaders including Boeing and Travelers.	UAV, Drone, Situational awareness, LAANC, airspace	Technology	Available in the App store and Google Play store	iOS, Android,	free	Yes, Saas - Premium version	kittyhawk	Google Play Store	Apple Store
Kuhn-Nozzle Configurator	Kuhn	Global	-	Helps select correct spray tip for product and application requirements (working speed, flow rate, etc.)	Spray, Sprayer, Calibration, Pesticides, Herbicides, Fungicides, Insecticides, tips	spraying/spreading	Available on the App store and Google Play	iOS, android	Free	-	Kuhn	Google Play Store	Apple Store
Fermentis	Lesaffre	France	-	The tasty world of Fermentation is now a click away. Discover our whole range of fermentation solutions. Find our products easily wherever you are. Be aware of our latest news and launches. Enter our fermentation tools to choose the right yeast for your creations.	yeast, fermentation	Crops	Available in the App store and Google Play store	iOS, Android,	free	Optimized for Lesaffre products	Fermentis	Apple Store	Google Play Store
FarmAI	ListenField	Japan	-	1. Check your yield and crop cycle prediction 2. Record your work activities for better planning and get certified 3. Learn from our farming community and experts 4. Stay up to date with weather information	yield, crop cycle, weather, logistics	Technology	Available on the App store and Google Play	iOS, android	Free	-	FarmAI	Apple Store	Google Play Store
Live Farmer Pro	LiveFarmer	Australia	-	A complete online farm management and quality assurance application that records and provides real time information on all aspects of a farmer's everyday business and farming requirements. Suitable for broad acre farms, vegetable and fruit growers, and orchard growers.	Farm Management, Diversified farming, vegetables, fruit, row crops, quality assurance, business	Crops	Available on the App store and Google Play	iOS, android	Free	Saas	LiveFarmer	Google Play Store	Apple Store
Livestocked	Livestocked LLC	US	-	Livestocked is a better way to manage your livestock business online. With a business first approach to livestock record keeping and farm management we understand you would prefer be in the paddock and not in front of the computer. Our intuitive mobile interfaces help you manage your herd, semen & embryo inventory, sales and financials from your desk or out in the paddock! Enjoy multi-species and multi-breed herd management through our mixed enterprise solution. Manage your herd, flock, cattle, sheep, goats, pigs, alpacas & Llamas through one easy to use app.	Livestock Management, Herd Management, Livestock Manager, Herd Manager, Calf Book, Goat Book, cattle record keeping, goat record keeping.	Livestock	Available on the App store and Google Play	iOS, android	free	Premium: \$70 / yr	livestocked LLC	Google Play Store	Apple Store
MachineryGuide	MachineryGuide	US	-	This app allows you to use your tablet or smartphone as a precision tractor GPS system. It's one of the first guidance software programs that functions as a precision farming application using an antenna. These antennas are capable of receiving and processing free corrections (e.g., EGNOS, WAAS). It can be used for any farming activity which is done by tractor or other agricultural machinery, including fertilization, manure application and spraying. It even can be used for land measurements as well.	Smartphone, tablet, GPS, Row Crops	Machinery	Requires app for android, but also requires specific machinery that needs to be bought from the company. More limited and exclusive, but a powerful option.	android	Free	machinery/device purchase required	MachineryGuide	Google Play Store	-

Purdue Ag Apps Listing

FarmSprayer GPS	Macon Apps LLC	US	-	Tired of counting rows? Need to track your position in the field while spraying? Farm Sprayer GPS is a simple tool that allows you to set the boom width of your sprayer and see where you have sprayed or spread fertilizer using the GPS built into your phone or tablet. Use it for tillage, spraying, planting, or anything else. Farm Sprayer GPS has two modes: circle tracking which shows you where you have been and line guidance which projects straight lines for you to follow with left and right arrows. It also allows you to see how many acres you have covered and shows you your ground speed.	GPS, Spray, Sprayer, Tillage, Planting	spraying/spreading	Available in the App store and Google Play store	iOS, android	iOS - 9.99; android - 6.99	in app purchases	-	Google Play Store	Apple Store
UAV forecast	Matthew Lloyd	US	-	When will it be good to fly your quadcopter? See the weather forecast, GPS satellites, solar activity (Kp), No-Fly Zones and flight restrictions, all in one convenient tool. Perfect for DJI Spark, Mavic, Phantom, Inspire, 3DR Solo, Parrot Bebop drones and many other Unmanned Aerial Vehicles and Systems.	Weather, UAV, Forecast, Drone	Weather	Available in the App store and Google Play store	iOS, Android,	free	Yes, Premium Version \$23.99 / yr	UAVForecast	Apple Store	Google Play Store
CropReport	Method Software Limited	New Zealand	-	CropReport is a farm record keeping software application used by farmers, managers, workers, agronomists, merchants and farming consultants. Store expenses, revenue, spray and fertilizer information for each crop on the app for free. Alternatively, you can pay for either 1 week, 1 month, 6 months or 1 years time of saving the data stored on your iPhone to an secure on-line database.	Records, Farm Management, reports, logistics	Crops	Available on the App store and desktop	iOS, PC	Free	in-app purchases	Crop Report	Apple Store	-
Sawmill Calculator Pro	MicaPeak Solutions	US	-	Sawmill Calculator Pro assists you with lumber and timber calculations. It has three major functions: 1. Generation of a list of cuts to make the desired boards accounting for blade kerf. As cuts are made, they can be checked off in the app. 2. Calculation of board feet where lists can be saved and emailed as a table. Hardwoods and softwoods are supported. 3. Calculation of log volume on the Doyle, Scribner, and International 1/4" scales. All features support US/Imperial and metric units.	Sawmill, lumber, timber, kerf, board feet, hardwood, softwood, log volume	Crops	Available on the App store and Google Play	iOS, android	\$2.99	-	MicaPeak Solutions	Apple Store	Google Play Store
GDD Tracker	Michigan State University	US	Michigan	What started out as a couple models to schedule plant growth regulator applications to suppress annual bluegrass seedheads has expanded to include models for crabgrass germination, early season DMJ fungicide applications, and most recently the Smith-Kerns dollar spot prediction model. We've been making some changes behind the scenes with the servers that continually process the immense amount of data collected daily to ensure system stability in the future.	GDD, GDU, Growing Degree Day, Growing Degree Unit, Turf, Turfgrass, Fungicide, bluegrass, crab grass	Crops	Website version only	web	free	-	Michigan State University	-	-
ARC vs PLC Calculator	Michigan State University	US	Michigan	This spreadsheet is designed to help producers make the 2019 and 2020 decision between the USDA Agricultural Risk Coverage - County (ARC-Co) vs. the Price Loss Coverage (PLC) vs. the ARC-IC Individual programs by crop and by farm. The decision tool has built-in information from each county and helps farmers make decisions for each individual far and with each individual corn, wheat, and soybeans, or to use the ARC-IC program, which combines all bases and prorated the crop bases to the program crops actually planted each year.	Agricultural Risk Coverage, Price Loss Coverage, Farm Business Management		web only	web	free	-	Michigan State University	-	-
Michigan EnviroImpact	Michigan State University	US	Michigan	The Michigan EnviroImpact tool shows daily runoff risk across Michigan using National Weather Service information about precipitation, temperature, soil moisture, and landscape characteristics.	runoff risk, weather, precipitation, temperature, soil moisture, landscape characteristics, conservation	Weather	web only	web	Free	-	Iowa State University Extension and Outreach	-	-
Enviroweather	Michigan State University	US	Michigan	Weather-based pest, natural resources, and production management tools for fruit, field crops, landscape/nursery, livestock, trees, turfgrass, and vegetables	weather, pest, production management, fruit, field crops, nursery, livestock trees, turf, vegetables	Weather	web only	web	Free	-	Michigan State University	-	-
Cover Crop Decision Tool	Midwest Cover Crops Council (MCCC)	US	-	Users select their state/province and county and then select the goals they have for cover crops — erosion control, nitrogen scavenger, fighting weeds and providing forage, etc. They also can provide information about the cash crops they are planting and drainage data for their fields. The tool offers the best cover crop options for the specified conditions. Clicking on the cover crops brings up data sheets that offer more information about each crop, seeding rates and more.	Cover Crops, Seeding Window, erosion control, providing forage, nitrogen scavenger, weed control, cash crops, drainage	Conservation	web only	web	free	-	Midwest Cover Crops Council	-	-

Purdue Ag Apps Listing

Landscape Alternatives for Invasive Plants of the Midwest	Midwest Invasive Plant Network	US	-	Everybody loves a beautiful garden. Gardeners love plants that are adaptable, tough, and fast-growing. It's even better if that plant produces showy fruits that attract birds or is an annual that self seeds, so it doesn't need to be replanted every year. Unfortunately, many of these plant traits desirable to gardeners can also increase the likelihood that a plant jumps the garden fence and invades natural areas. People have introduced invasive species both accidentally and deliberately. This app focuses on plant species that are used ornamentally and have become invasive in at least part of the Midwest. Cultivars or hybrids produced from these species may or may not be invasive. In the few published cultivar evaluation studies, some cultivars prove to be more invasive than the parent species, others less or not invasive. We lack research about cultivar invasiveness for many of these species. When we have good evidence about a problematic or relatively benign cultivar, we list those specifically.	Invasive species, gardens, ornamental plants	Conservation	Available on the App store and Google Play	iOS, android	Free	-	Midwest Invasive Plant Network	Apple Store	Google Play Store
Great Lakes Early Detection Network	Midwest Invasive Plant Network	US	-	The Great Lakes Early Detection Network (GLEDN) app brings the power of EDDMapS to your smartphone. Now you can submit invasive species observations directly with your smartphone from the field. These reports are uploaded to EDDMapS and e-mailed directly to local and state verifiers for review. The GLEDN app was developed by the University of Georgia's Center for Invasive Species and Ecosystem Health. GLEDN is more than just a smartphone app; it is an integrated invasive species reporting and outreach campaign for the Great Lakes region of the United States that includes the app and the GLEDN website. The app and project can be referred to as EDDMapS Midwest.	Invasive species	Conservation	Available on the App store and Google Play	iOS, android	Free	-	Midwest Invasive Plant Network	Google Play Store	Apple Store
AgClimate Viewer	Midwest Regional Climate Center	US	-	Welcome to AgClimate Viewer - your source for historical climate and crop yield data in the Corn Belt. Plot local monthly temperature and precipitation variation back to 1980. Track county crop yields and trends (where data is available). Consider crop yields in the context of monthly temperature, precipitation and growing degree day (GDD50) data	weather, climate, historical climate, crop yields, GDD	Weather	web only	web	Free	-	Midwest Regional Climate Center	-	-
Corn GDD	Midwest Regional Climate Center	US	-	This tool puts current conditions into a 30-year historical perspective and offers trend projections through the end of the calendar year. GDD projections, combined with analysis of historical analog data, can help you make decisions. While this tool is not meant to be a crystal ball, data and information derived from the tool can be used to make helpful inferences about current conditions, especially when combined with personal experience and localized knowledge. Please note that data is currently limited to states within the UZU project area, plus Kentucky and Tennessee.	GDD, corn, climate, weather, data	Crops	web only	web	Free	-	Midwest Regional Climate Center	-	-
Climate Patterns Viewer	Midwest Regional Climate Center	US	-	This product provides a historical look at how the El Niño Southern Oscillation (ENSO) and Arctic Oscillation (AO) can influence local climate conditions and corn yield across the Corn Belt. You can use these simple maps and charts to show when and where specific phases of ENSO or AO have influenced conditions. This tool is not intended to be a forecast. Rather, this tool uses historical data (1981-2010) to highlight locations where ENSO and AO can potentially impact climate conditions over the course of the year, which can help you make more informed farm management decisions.	El Niño Southern Oscillation, ENSO, AO, Arctic Oscillation, climate, weather, farm management	Weather	web only	web	Free	-	Midwest Regional Climate Center	-	-

Purdue Ag Apps Listing

Corn Split N	Midwest Regional Climate Center	US	-	This product is designed to help farmers and farm advisors understand the risks and benefits of using post-planting nitrogen (N) application for corn production. The Corn Split N tool combines historical weather and fieldwork data with economic considerations to determine the feasibility and profitability of completing a second (split) N application within a user-specified time period. With the Corn Split N tool you can quantify the costs and benefits of post-planting nitrogen applications for your farming operation to help your bottom line and the environment.	corn yields, nitrogen costs, nitrogen application, nitrogen loss, environment	Crops	web only	web	Free	-	Midwest Regional Climate Center	-	-
AWSSI: Accumulated Winter Season Severity Index	Midwest Regional Climate Center	US	-	Winter seasons have significant societal impacts across all sectors ranging from direct human health and mortality to commerce, transportation, and education. The question "How severe was this winter?" does not have a simple answer. At the very least, the severity of a winter is related to the intensity and persistence of cold weather, the amount of snow, and the amount and persistence of snow on the ground. The Accumulated Winter Season Index (AWSSI) was developed to objectively quantify and describe the relative severity of the winter season.	weather, climate, precipitation, snow, temperature	Weather	web only	web	Free	-	Midwest Regional Climate Center	-	-
Bi-National Precipitation Tool For U.S. and Canada	Midwest Regional Climate Center	US	-	Precipitation data from both the US and Canada is analyzed and the dataset is reported out. Outside the contiguous 48 states Canadian data is reported as is, in most of the lower 48 data from the National Weather Service is used, and in the Great Lakes region the data is merged and interpolated. This arrives at a precipitation value that is used to power the gis tool.	weather, climate, precipitation	Weather	web only	web	Free	-	Midwest Regional Climate Center	-	-
Data Networks Info: State and Local Mesonets	Midwest Regional Climate Center	US	-	Surface weather data are collected by many networks on a National or Regional Scale. Often these data either do not include desired variables or the sites are spaced too widely to meet the needs of individual states. Thus, many states in the Midwest collect data at time resolutions of one hour or better, with many sites including relative humidity, solar radiation, soil temperature, and soil moisture measurements and estimates of potential evapotranspiration. Select a states detail link (below) for more detailed information on the network(s) in that state, or see the summary table for an overview of available observations.	weather, climate, mesonet, solar radiation, soil temperature soil moisture, precipitation, local, state	Weather	web only	web	Free	-	Midwest Regional Climate Center	-	-
Data Networks Info: Regional and National Mesonets	Midwest Regional Climate Center	US	-	Near real-time/archived data available for air temperature (AirT); relative humidity (RH); wind (speed, direction, sometimes gust); precipitation (Ppt); snowfall and snow depth (Snow); solar radiation (Solar); barometric pressure (Press); soil temperature at various levels; soil moisture at various levels; and derived dew point temperature (Td). Number of stations are approximate and for the continental US.	weather, climate, mesonet, solar radiation, soil temperature soil moisture, precipitation, regional, national	Weather	web only	web	Free	-	Midwest Regional Climate Center	-	-
Climate Annual Comparison Tool	Midwest Regional Climate Center	US	-	This tool plots the current precipitation accumulation for the year as well as plotting the daily maximum and minimum temperature. The current year is also put into a 30-year historical perspective.	precipitation, temperature, weather, climate	Weather	web only	web	Free	-	Midwest Regional Climate Center	-	-
Midwest Climate: Climate Trends Tool	Midwest Regional Climate Center	US	-	The Climate Trends Tool features interactive maps and graphs of annual, seasonal and monthly temperature, precipitation, drought, degree-days and growing season variables. These are provided for both the observed time period, 1895-2016, and future projections. These maps can be shown for the Midwest, the Useful to Usable (U2U) project region, or for individual Midwest and Plains states. Statewide and climate division data are both available.	precipitation, drought, growing degree days, GDD, GDU, temperature, weather, climate	Weather	web only	web	Free	-	Midwest Regional Climate Center	-	-

Purdue Ag Apps Listing

Snowfall Climatology Tool	Midwest Regional Climate Center	US	-	This tool shows snowfall events from 1960-61 through recent years. It also has graphical data on snow depth for the same period.	snow, weather, climate	Weather	web only	web	Free	-	Midwest Regional Climate Center	-	-
Tornado Tracks Tool	Midwest Regional Climate Center	US	-	This tool shows tornado events from 1950 through recent years. This includes tornado magnitude, path (width and distance travelled), injuries, and fatalities.	Tornado, weather, climate	Weather	web only	web	Free	-	Midwest Regional Climate Center	-	-
VIP: Frost/ Freeze and Guidance Interface	Midwest Regional Climate Center	US	-	Vegetation Impact Program tool that provides maps on frost and freeze events, including the lowest temperature recorded. Allows the user to select for a frost (32F) or a freeze (28F)	Frost, freeze, weather	Weather	web only	web	Free	-	Midwest Regional Climate Center	-	-
VIP: Frost/ Freeze Probabilities	Midwest Regional Climate Center	US	-	Vegetation Impact Program tool that provides maps and data on the probability of a freeze (32F) occurring using local weather station data for the years from 1981-2010.	Frost, freeze, weather	Weather	web only	web	Free	-	Midwest Regional Climate Center	-	-
VIP: Hours at or Below Freezing	Midwest Regional Climate Center	US	-	Vegetation Impact Program tool that provides maps and data on the greatest number of consecutive hours at or below 32F for the past 24h, 7 days, or 30 days	Frost, freeze, weather	Weather	web only	web	Free	-	Midwest Regional Climate Center	-	-
VIP: Vegetation Climate (SDD, KBDI, Chill Hours)	Midwest Regional Climate Center	US	-	Vegetation Impact Program tool that provides maps and data on the stress degree days (SDD) for corn, the Keetch-Byram Drought Index (KBDI), and Chilling hours for the current year.	Weather, temperature, drought, freeze	Weather	web only	web	Free	-	Midwest Regional Climate Center	-	-
Organic Calc	minskaysoft	Unknown	-	Check and adjust the application rate, while working with a manure spreader or slurry tank. With the built-in GPS receiver of the iPhone, one can measure the distance and the resulting surface, just by pressing a button while driving. Measurement disruptions are also possible.	Manure, GPS, Measurements, Application rate	spraying/spreading	Available on the App store	iOS	8.99	-	-	Apple Store	-
MSUES Row Crop Calculator	Mississippi State University	US	Mississippi	Mississippi State Extension Row Crop Calculator allows farmers to calculate plant population by using row width (1/10,000th acre OR 1/1,000th acre) and amount of plants/seeds.	Plant Stand, Plant population, Stand count, Seeding rate	Crops	Available in the App Store	iOS	free	-	Mississippi State University Extension	Apple Store	-
MSUES Break Even	Mississippi State University	US	Mississippi	Be more knowledgeable when making livestock purchases and sales. This is a quick and easy decision tool at your fingertips. With just a few bits of information about your livestock you can know the minimum price that will put you in the black (profitable) and keep you out of the red. The Break Even Application will calculate the break even price for livestock given three different break-even scenarios: In Price, Out Price, and Cost of Gain.	Break Even, livestock	Livestock	Available in the App store and Google Play store	iOS, Android,	free	-	Mississippi State University Extension	Apple Store	Google Play Store
MSUES Cattle Calculator	Mississippi State University	US	Mississippi	The MSUES Cattle Calculator allows beef cattle producers to make quick everyday calculations important for their operations. Calculations related to reproductive management, animal performance, and management decisions are available. Reproductive calculations include: calving date based on a known breeding date, breeding date based on a known calving date, number of days pregnant based on today's date and a breeding date, and a breeding season calculator which provides calving and breeding dates based on a set breeding season. Animal performance calculations include: Adjusted birth weight, weaning weight, and yearling weight, average daily gain and required gain. Management calculation include: dosage calculations for dewormers and medicines given an animal weight and manufacturer's recommended dosage, frame score calculations, trailer stocking density, and yield grade.	Livestock Sales, breeding, reproductive management, Animal performance, Livestock management	Livestock	Available in the App store and Google Play store	iOS, Android	free	-	Mississippi State University Extension	Apple Store	Google Play Store
MSUES Deer Aging	Mississippi State University	US	Mississippi	Aging criteria for live and dead deer. Criteria to estimate age of deer prior to harvest. Step-by-step guidance for extracting deer jawbone. Instructions and examples of aging deer by teeth replacement and wear. A tool for planning and planting food plots for deer. Save money by purchasing the correct amount of seed and fertilizer. Map and accurately measure size of food plots. Plant descriptions help you select the best forages. Seeding rates specified for each food plot.	wildlife, deer, whitetail deer, deer management	Conservation	Available in the App store and Google Play store	iOS, Android	free	-	Mississippi State University Extension	Apple Store	Google Play Store
MSUES Deer Food Plot	Mississippi State University	US	Mississippi	A tool for planning and planting food plots for deer. Save money by purchasing the correct amount of seed and fertilizer. Map and accurately measure size of food plots. Plant descriptions help you select the best forages. Seeding rates specified for each food plot.	wildlife, deer, whitetail deer, deer management, food plot	Conservation	Available in the App store	iOS	free	-	Mississippi State University Extension	Apple Store	-
MSUES Deer Hunt	Mississippi State University	US	Mississippi	Record deer observations and harvest data to share with hunting partners. Manage stand location – identifies occupied stands. View summary reports of deer seen and harvested by stand, hunter, and entire property. Use password-protection to insure that no unauthorized people see your data.	wildlife, deer, whitetail deer, deer management, hunting	Conservation	Available in the App store and Google Play store	iOS, Android	free	-	Mississippi State University Extension	Apple Store	Google Play Store

Purdue Ag Apps Listing

MSUES TreeMetrics	Mississippi State University	US	Mississippi	TreeMetrics makes urban forest inventories easy. This app leads you through many of the most important measurements necessary for tree benefit mapping using a bottom-up inventory approach. Metrics include GPS coordinates, reference objects, and plot information for sample inventories (e.g., land use, ground cover). Individual tree metrics include a species selection list with UFORE codes, tree height, DBH, crown measurements, impervious surface, energy savings measures, and tree hazard indicators. Users can take photos of trees within the app. Once entered, the data is emailed to the project facilitator in a CSV file, which can then be analyzed.	Trees, arbor, arborists, woods, forests, tree height, DBH, crown	Crops	Available in the App store	iOS	free	-	Mississippi State University Extension	Apple Store	-
MSUES Southern Pine Thinning	Mississippi State University	US	Mississippi	Stand Density Index (SDI) is used to help determine if a pine plantation is in need of thinning. Pine Thin uses the average number of trees per acre and the average diameter at breast height (DBH) of trees in your plantation to determine if a thinning is needed. Specific density management diagrams have been developed for each of the four major southern pine species (loblolly pine, shortleaf pine, longleaf pine, and slash pine). Pine Thin provides a graphical depiction of the density of a pine plantation indicating if the stand is in need of thinning (i.e., overstocked) or if thinning is not yet needed (i.e., well-stocked). The line between well stocked and understocked (full site occupancy line) is also provided as a target density for the residual stand that should be left after thinning. If average number of trees per acre and DBH are not known, Pine Thin also allows for the entry of plot data (either 1/10th or 1/100th acre) and will then compute trees per acre, average diameter, and basal area.	Trees, Southern Pine, Stand density, forests, woods, tree thinning, tree stand density	Crops	Available in the App store and Google Play store	iOS, Android	free	-	Mississippi State University Extension	Apple Store	Google Play Store
EDDMaps West	Missouri River Watershed Coalition	US	-	EDDMapS is a national web-based mapping system for documenting invasive species distribution. It is fast, easy to use and doesn't require Geographic Information Systems experience. Launched in 2005 by the CISEH, it was originally designed as a tool for state Exotic Pest Plant Councils to develop more complete distribution data of invasive species. EDDMapS goal is to maximize the effectiveness and accessibility of the immense numbers of invasive species observations recorded each year. EDDMapS combines data from other databases and organizations as well as volunteer observations to create a national network of invasive species distribution data that is shared with educators, land managers, conservation biologists, and beyond. As of November 2011, EDDMapS has over 1.5 million records. This data serves as the foundation for a better understanding of invasive species distribution around the world.	Invasive Species, Invasive Species monitoring	Conservation	Available on the App store and Google Play	iOS, android	Free	-	Bugwood Apps	Apple Store	Google Play Store
My Ag Report	My Ag Report, Inc. / Piertech	US	-	My Ag Report is your resource to take the burden out of farm record keeping. Founded by farmers for farmers, we have used our expertise in agronomy, engineering, and technology to bridge the gap between the field and your office. As farmers ourselves, we know how cumbersome keeping records can be and not having them when you need them, so we have designed every detail to make the app extremely easy to use. Our initial platform has been developed initially for planting and spray application records, specifically as it relates to the governed requirements of Dicamba application records. We have researched every detail of these requirements and incorporated them into our easy to use wizard, which allows simple in-field data capture and report generation on demand.	Records, Farm Management, reports, logistics	Business	Available on the App store and Google Play	iOS, android	Free	Subscription: \$150/yr	My Ag Report	Apple Store	Google Play Store

Purdue Ag Apps Listing

Field Manager	MyriadMobile	US	North Dakota	The Field Manager App is the best way to track field-level activity and information throughout the year. The phone app makes it easy and convenient to keep track of information for each of your fields. All the data is stored in the cloud and is immediately available. The user can easily generate an Excel spreadsheet showing each of the fields data. The spreadsheet can be emailed to the account holder or shared with his banker or landlord. The Field Manager App is password protected and the data entered is securely and privately stored per account. Each account requires an email as the username which is then verified before the account can be established. Accounts can be shared by family farm operations by using the unique user name feature which creates each transaction using that users name.	Records, Farm Management, reports, logistics, field management	Business	Available on the App store	iOS	Free	-	iNet Solutions Group	Apple Store	-
Grain Storage Manager	MyriadMobile	US	North Dakota	The Grain Storage Manager App (GSM) is a free tool developed for grain farmers that allows them to manage the storage of their crops from the field to the bin and then to delivery or sale. The GSM App lets the user easily create virtual bins, set their capacity, location and crop and then track the crop loaded in or loaded out of that bin throughout the year. The graphical interface shows the current usage (percentage of capacity), total bushels housed and each transaction recorded for loads in and out of the bin. The GSM App is the best way to track grain during harvest and throughout the year. The phone app makes it easy and convenient to keep track of loads into your bins or loads into the local elevator. All the data is stored in the cloud and is immediately available. No more keeping track of scale tickets or wondering how much grain you hauled to town. Easily know when it is time to move augers and know which bins have room for more grain.	Grain, grain storage, grain bin, grain monitoring, grain harvest, grain management, logistics	Crops	Available on the App Store	iOS	Free	-	iNet Solutions Group	Apple Store	-
NOAA High Def Radar Pro	National Oceanic and Atmospheric Administration	US	-	Open up this paid app by WeatherSphere and you'll immediately see the weather radar for the entire U.S. Click on settings, and you'll discover a world of customization, particularly under "Choose Layers." Once you're there, you can add custom layers like lightning strikes, recent wildfires, and the latest data from the U.S. Drought Map. Fun feature: You can bookmark specific locations and add them to your map, which one ag-focused iPhone Appstore reviewer found incredibly helpful. "We have some farmland out of state, where the severe droughts are occurring, and I've bookmarked each section of land so I can see exactly which pieces of land get rain (since the city itself getting rain or one piece of land getting rain doesn't mean another piece a mile away got rain)," this farmland owner wrote	weather, precipitation, wind speed, storm, wildfires, drought	Weather	Available in the App store and Google Play store	iOS, android	Free	-	NOAA Weather Sphere	Apple Store	-
New Jersey Invasive Species Strike Team	New Jersey Invasive Species Strike Team / University of Georgia	US	-	We work to prevent the spread of emerging invasive species across New Jersey. We do this by harnessing the stewardship potential of public and private land stewards to search for emerging invasive species, map locations where populations are detected and eradicate the invasive species that we find. We administer a data clearinghouse, prepare an annual catalog of invasive species present in and around our state, prioritize problem species, provide training for land stewards and property owners, coordinate detection and eradication programs and share our experience with the public.	Invasive Species, Invasive Species monitoring	Conservation	Available on the App store and Google Play	iOS, android	Free	-	Bugwood Apps	Apple Store	Google Play Store
New Leader Mobile	New Leader	US	-	Assists users and dealers in conducting a conveyor or catch calibration and determines calibrated CFR or Constant Number. Determines initial settings based off product characteristics.	Calibration, Spreaders, Fertility, Fertilizer, Conveyor	spraying/spreading	Available in the App store and Google Play store	iOS, android	Free	Requires New Leader Equipment	New Leader	Google Play Store	Apple Store

Purdue Ag Apps Listing

LandPKS	New Mexico State University	US	New Mexico	The Land-Potential Knowledge System (LandPKS) aims to serve as the primary access and development point for free, simple to use, and locally appropriate technologies and knowledge needed for making sustainable land management decisions. The initial components of LandPKS are two integrated mobile apps for collecting (1) the basic soil and topographic information necessary to determine land potential (LandInfo) and (2) soil and vegetation cover data necessary to assess and monitor major changes in plant community composition and wind and water erosion risk (LandCover). Further mobile apps are being developed to help collect information on Biomass (Biomass Monitor), Livestock body condition (Body Condition Score) as well as crops (Crop Monitor).	Land Management, Soil Mapping, Topographical Mapping, Soil Cover, Vegetation Cover, Canopy, Biomass, Livestock body condition, crops	Technology	Available in the App store and Google Play store	iOS, android	Free	-	LandPKS	Apple Store	Google Play Store
Odoo	Odoo	Belgium	-	Odoo is a free fleet management solution, available for an unlimited number of users. You can register on the website to start using the app.	GPS, tracking, tracability, fleet management	Machinery	Available on the App store and Google Play	iOS, android	Free, with a paid option	\$288/yr/user	Odoo	Apple Store	Google Play Store
FoalScore	Ohio State University	US	Ohio	The Ohio State University researchers Drs. Ramiro Torbio and Katarzyna Dembek have developed a mobile application – FoalScore – to be used by veterinarians to determine the probability of survival and sepsis in sick newborn foals. FoalScore allows veterinarians to enter the foal vital signs and blood work information to calculate likelihood of sepsis and survival, based on the published foal sepsis and survival scores. The application also allows users to store and share results from both scoring methods.	Foal, Equine, Horse, health	Livestock	Available on the App store	iOS	Free	-	Ohio State University	Apple Store	-
Wheat SBNRC	Oklahoma State University	US	Oklahoma	Sensor based nitrogen rate calculator for winter wheat. Active normalized difference vegetative index (NDVI) sensors are highly accurate in predicting plant biomass. By utilizing biomass produced per day, yield levels of cereal crops can be predicted. By using the predicted yield level, accurate N rates can then be determined from the mid-season NDVI readings.	Nitrogen, Nitrogen rate, application, NDVI, Yield	Crops	Available in the Google Play store	android	Free	-	Oklahoma State University	Google Play Store	-
Canopeo	Oklahoma State University	US	Oklahoma	Canopeo is a rapid and accurate green canopy cover measurement tool. Use this app to quantify the percent canopy cover of five green vegetation for any agricultural crop, turf, or grassland based on downward-facing photos taken with your mobile device.	Canopy Cover, Canopy	Crops	Available on Google Play	android	Free	-	Canopeo	Google Play Store	-
Ammonia Loss	Oklahoma State University	US	Oklahoma	Accurate estimates of ammonia volatilization losses from surface applications of urea in agriculture. Estimates are in percent of the total N rate applied.	Nitrogen, Fertility, Fertilizer, Nutrient Management, volatilization, urea	spraying/spreading	Available on the App store	iOS	Free	-	Oklahoma State University	Apple Store	-
Grape Pocket Guide	Oklahoma State University	US	Oklahoma	A Pocket Guide to Oklahoma Grape Diseases, Insects, and Other Disorders. This guide represents the most common pests of grapes in Oklahoma. Other pests may also exist but are infrequent or isolated in occurrence. It is important for grape growers to scout their vineyards frequently and observe disease and insect problems. Early identification can reduce negative impacts on vine health and productivity.	Grapes, Disease, Insects, Disorders, pests, scouting	Crops/pest	Available on Google Play	android	Free	-	Oklahoma State University	Google Play Store	-
Pecan Pocket Guide	Oklahoma State University	US	Oklahoma	A Pocket Guide to Oklahoma Pecan Diseases, Insects, and Other Disorders. This guide represents the most common pests of pecans in Oklahoma. Other pests may also exist but are infrequent or isolated in occurrence. It is important for pecan producers to scout their orchards or groves frequently and observe disease and insect problems. Early identification can reduce negative impacts on tree health and productivity.	Pecan, Disease, Insects, Disorders, pests, scouting	Crops/pest	Available on Google Play	android	Free	-	Oklahoma State University	Google Play Store	-
Turfgrass Pocket Guide	Oklahoma State University	US	Oklahoma	A Pocket Guide to Oklahoma Turfgrass Diseases, Insects, and Other Disorders. This guide represents the most common turfgrass species found in Oklahoma and pests that affect them. Other turfgrass species might be grown and some pests might occur infrequently. Frequent scouting and observation of stands will facilitate early detection of pest problems. Early detection and preventative management techniques will result in the best management of turfgrass pests.	Turfgrass, Turf, Disease, Insects, Disorders, pests, scouting	Crops/pest	Available on Google Play	android	Free	-	Oklahoma State University	Google Play Store	-
Wheat Variety Selection Tool	Oklahoma State University	US	Oklahoma	This application is designed to aid producers in the selection of winter wheat variety that best suits their needs. The information used in this application was drawn from the Oklahoma State winter wheat variety testing program.	Wheat, Wheat Selection	Crops	Available on iOS	iOS	Free	-	Oklahoma State University	Apple Store	-

Purdue Ag Apps Listing

Gamebird Brood Observation	Oklahoma State University	US	Oklahoma	This application is designed to record observations of gamebirds to help estimate annual reproduction. You will be able to enter your best count of both adult and immature birds for each observation. While you may enter information any time of the year, gamebird Specialists are particularly interested in observations from May through October.	Gamebirds, Reproduction, Natural Resources	Conservation	Available in the App store and Google Play store	iOS, android	Free	-	Oklahoma State University	Google Play Store	Apple Store
Glance-N-GO	Oklahoma State University	US	Oklahoma	This application allows the user to determine the presence of Greenbugs or Mummies from tiller samples. If present, the application provides a recommendation for treatment.	Greenbugs, insects	Pest	Available in the App store and Google Play store	iOS, android	Free	-	Oklahoma State University	Apple Store	Google Play Store
GreenSeeker N-Rate Calculator	Oklahoma State University	US	Oklahoma	This application hosts sensor based nitrogen recommendation algorithms which have been developed by researchers in each respective region. The calculations are based upon NDVI values retrieved from the GreenSeeker Sensor. The GreenSeeker is an active light sensor. It would be expected the NDVI from other active sensors would be similar, but potentially not exactly the same. NDVI from passive sensors or cameras should be used with caution as the same level of calibration that can come from an active sensor is more challenging.	NDVI, Nitrogen, Nitrogen Recommendation	Technology	Available on iOS	iOS	Free	-	Oklahoma State University	Apple Store	-
OSU Crop Budgeting App	Oklahoma State University	US	Oklahoma	This app allows users to quickly develop and save crop budgets for common Oklahoma field crops. Users can download templates from Oklahoma State University Department of Agricultural Economics as starting points.	Crop budgets, field crops, agriculture economics	Business	Available in the App store and Google Play store	iOS, android	Free	-	Oklahoma State University	Apple Store	Google Play Store
Plot Calculator	Oklahoma State University	US	Oklahoma	This app was designed to aid small plot researchers. This app contains a unit converter, area calculator and rate calculator. In this app there are multiple ways to perform unit conversion. The app also calculates the amount of fertilizer material needed per plot, rep, and trial. This is done through the input of the fertilizer nutrient concentration, plot size, number of treatments and reps.	Agriculture Research, Plots, Fertilizer nutrient concentration, fertilizer rate, fertilizer	News/Education	Available in the App store and Google Play store	iOS, android	Free	-	Oklahoma State University	Apple Store	Google Play Store
GreenSeeker Data Logger	Oklahoma State University	US	Oklahoma	The Trimble GreenSeeker handheld crop sensor is an affordable, easy-to-use measurement device that can be used to assess the health - vigor - of a crop in order to make better nutrient management decisions on your farm. Use the GreenSeeker handheld to instantly take a reading of your crop health. Readings can be used to make non-subjective decisions regarding the amount of fertilizer to be applied to your crop, resulting in more effective use of fertilizer - a benefit to your financial bottom line and the environment.	NDVI, Nitrogen, Nitrogen Recommendation	Technology	Available on Google Play	android	Free	-	Oklahoma State University	Google Play Store	-
Sugarcane Aphid Decision Aid	Oklahoma State University	US	Oklahoma	This app uses the cost of application versus potential loss due to not applying insecticide based upon past research to determine if an insecticide application is economical.	insects, insecticide, aphids	Pest	Available in the App store and Google Play store	iOS, android	Free	-	Oklahoma State University	Apple Store	Google Play Store
GrazeOK	Oklahoma State University	US	Oklahoma	Managing livestock demands accurate and fast decisions for a successful operation. Nowadays, managers rely on either inaccurate visual inferences or expensive tools for acquiring fast answers to in-farm issues. GrazeOK is a user friendly electronic version of the Oklahoman grazing stick which allows fast and proper estimation of stock density, number of pastures, grazing and rest days by simply measuring plant height and canopy cover with a yard stick and inputting them in your phone.	cattle, livestock, grazing, forage, stock density	Livestock	Available on iOS	iOS	Free	-	Oklahoma State University	Apple Store	-
Cattle Management in Limited Forage	Oklahoma State University	US	Oklahoma	Beef production can be influenced by widespread drought, record high and low grain and feed prices, and economic uncertainties. Capturing value, managing returns and least-cost production is crucial for beef cattle operators. This application is designed to help producers identify management practices for cow-calf operations when pasture is limited. There is a list of questions in this application intended to help beef producers determine appropriate management practices for cow-calf operations when pasture is limited.	cattle, livestock, grazing, forage, stock density, drought, limited forage, feed, foodstuffs	Livestock	Available on Google Play	android	Free	-	Oklahoma State University	Google Play Store	-

Purdue Ag Apps Listing

Grazing Management Toxic Plants	Oklahoma State University	US	Oklahoma	This application was developed for livestock producers interested in grazing forage crops. Plants listed have been evaluated for safety in regards to metabolic or toxicity issues for multiple classifications of livestock species. All plants will have a score for the usefulness of the plant as grazing forage for livestock. The ranking is based on a 0-4 scale where 0 is not recommended to 4 being highly recommended. The rankings are based on safe consumption of the plant, forage quality, and yield potential.	livestock, grazing, forage, toxic, toxicity, forage quality	Livestock	Available in the App store and Google Play store	iOS, android	Free	-	Oklahoma State University	Apple Store	Google Play Store
Grain Drill Calibration Calculator	Oklahoma State University	US	Oklahoma	This application is designed to aid in the calibration of a grain drill or planter for canola seeding rates. Canola seeding rate can be calibrated via volumetric (mL) measures. All other grains and granular fertilizer rates can be calibrated through weight measures (grams, ounces, or pounds).	Grain drill, calibration, drill, seeding rate	Machinery	Available in the App store and Google Play store	iOS, android	Free	-	Oklahoma State University	Apple Store	Google Play Store
Growing Degree Day Calculator	Oklahoma State University	US	Oklahoma	This application is designed for winter wheat and winter canola producers outside of Oklahoma to use to calculate the number of growing days since the crop was planted (GDD*90). This calculation can be used for Sensor Based Nitrogen Management strategies that utilize the GreenSeeker Sensor and N-Rich Strip. Also included in this application is a cumulative Growing Degree Day (GDD) calculator. Crops included in this calculator are: Wheat, Grass Hay, Alfalfa, Corn, Cotton, Peanut, Sorghum, and Soybean. The application uses user zip code to identify where temperature data is collected from.	GDD, Growing Degree Day, GDU, Growing Degree Unit, NDVI, Corn, Wheat, Canola, Alfalfa, Cotton, Peanut, Sorghum, Soybean, Hay	Crops	Available on iOS	iOS	Free	-	Oklahoma State University	Apple Store	-
Soil Sample Barcode Reader	Oklahoma State University	US	Oklahoma	This app is designed to aid those who use the Oklahoma State University Soil Water Forage Analytical Laboratory. With this app, users can utilize the internal GPS of their mobile device to log the location that a soil or tissue sample is collected as well as add an ID and description to the site. The app can also access the camera in the device to capture an image of the SWFAL bar code to link a sample number to each sample which can be done at the time of collection or later.	Soil Sample, Plant Sample, GPS	Technology	Available on iOS	iOS	Free	-	Oklahoma State University	Apple Store	-
rxBurn Tracker	Oklahoma State University	US	Oklahoma	RxBurnTracker allows the user to monitor fire effects and keep track of prescribed burns.	Prescribed Burn, Fire	Conservation	Available on iOS	iOS	Free	-	Oklahoma State University	Apple Store	-
Wildlife Food Plots	Oklahoma State University	US	Oklahoma	This app identifies food plot forages that can be planted for wildlife management. For each plant species proper seeding rate and planting recommendations are provided. Lists of desirable plants can be created, saved and sent via email.	Food plot, wildlife, wildlife management, seeding rate	Conservation	Available in the App store and Google Play store	iOS, android	Free	-	Oklahoma State University	Google Play Store	Apple Store
Canola Starter	Oklahoma State University	US	Oklahoma	This App calculates the maximum amount of fertilizer that should be applied with winter canola seed at planting based upon row spacing and fertilizer source. This app is just a general guide and sounds agronomics should be used in all situations.	Canola, fertilizer, fertility	Crops	Available in the App store and Google Play store	iOS, android	Free	-	Oklahoma State University	Apple Store	Google Play Store
Crop Nutrients in Irrigation Water Calculator	Oklahoma State University	US	Oklahoma	Irrigation water is never without minerals and nutrients. With the input of laboratory results and an expected seasonal irrigation by the user this app will provide an estimated amount of nutrients delivered with every acre in of water applied and total pounds per acre per season. These results can then be used to adjust fertilizer management plans and strategies.	Irrigation, Fertigation, Fertility, Fertilizer, Nutrients	Crops	Available in the App store and Google Play store	iOS, android	Free	-	Oklahoma State University	Google Play Store	Apple Store
Oklahoma Nutrient Management Field Guide	Oklahoma State University	US	Oklahoma	Oklahoma Nutrient Management Field Guide App is a mobile version of a printed handbook. Within this App users have access to nutrient removal values, a nutrient deficiency identification tool, fertilizer calculations for all of the major crops grown with Oklahoma and information on fertilizer sources and using the N-Rich Strip and GreenSeeker Sensor.	Nutrients, Nutrient deficiency, fertilizer, fertility, row crops	Crops	Available on iOS	iOS	Free	-	Oklahoma State University	Apple Store	-
EDDMapS Ontario	Ontario Federation of Anglers and Hunters / Invasive Species Centre / Ontario's Invading Species Awareness Program / University of Georgia	US	Georgia	EDDMapS Ontario brings the power of EDDMapS to your iOS device. Now you can submit invasive species observations directly with your iOS device from the field. These reports are uploaded to EDDMapS and e-mailed directly to local and state verifiers for review. EDDMapS Ontario was developed by the University of Georgia Center for Invasive Species and Ecosystem Health.	Invasive Species, Invasive Species monitoring	Conservation	Available on the App store and Google Play	iOS, android	Free	-	Bugwood Apps	Apple Store	Google Play Store

Purdue Ag Apps Listing

Reduce Bee Poisoning from Pesticides	Oregon State University	US	Oregon	Search the active ingredients of commonly used pesticides and their effect on bees in California, Idaho, Oregon, and Washington. Search by product name or chemical name. Icons and color-coded text help you quickly determine whether a pesticide is toxic or highly toxic to bees, or whether no precautionary statement is on the pesticide label.	Bees, Honeybees, pesticides, toxicity, pesticide label	spraying/spreading	Available on the App store and Google Play	iOS, android	Free	-	Oregon State University Extension	Apple Store	Google Play Store
Canning timer & checklist	Oregon State University	US	Oregon	Select from over 40 popular foods used in home canning—including vegetables, fruits, meats, and fish—to generate a checklist and timer for processing. This app lets set you set your jar size, pack type, canning method, and elevation. It also reminds you of the steps necessary to prepare jars and canning pots. The timer is based on the specific information you enter. Designed for people with previous canning experience	Canning, home preservation, home canning	News/Education	Available on the App store and Google Play	iOS, android	Free	-	Oregon State University Extension	Apple Store	Google Play Store
Vineyard Growth	Oregon State University	US	Oregon	Recognize the symptoms and causes of stunted growth in Oregon vineyards. Spring frost, herbicide drift, water or nutrient stress, diseases, and insect and mite pests can cause similar symptoms of stunting or distorted growth in grapevines. This app can help you recognize the symptoms and distinguish their causes—the first step in diagnosing problems and developing a management plan.	vineyards, grapes, pests, disease, insects, nutrient deficiency	Crops/pest	Available on the App store and Google Play	iOS, android	Free	-	Oregon State University Extension	Apple Store	Google Play Store
Cherry Training Systems	Oregon State University	US	Oregon	Cherry growers around the world use many training systems, both supported and freestanding. This publication describes seven commercially successful systems: Kym Green Bush (KGB), Spanish Bush (SB), Steep Leader (SL), Super Slender Axe (SSA), Tall Spindle Axe (TSA), Upright Fruiting Offshoots (UFO), Upright Fruiting Offshoots "Y" Trellis (UFO-Y) and Vogel Central Leader (VCL), all of which can be achieved with a whip (vs. feathered) nursery tree. Choosing the right system depends on growing conditions, variety, rootstock, labor availability, and management skills. This training manual provides information needed to choose a training system for new plantings. It also provides important plant-spacing requirements and pruning guidelines through the first three years of a tree's life.	Cherry, nursery, pruning, training	Crops	Available on the App store and Google Play	iOS, android	Free	-	Oregon State University Extension	Google Play Store	Apple Store
Fire-resistant Landscape Plants	Oregon State University	US	Oregon	Discover different plants, trees, groundcovers, vines, and flowers from the Willamette Valley in Oregon that are fire-resistant. Easily browse through different types of plants to discover what will work with your Oregon landscape.	fire-resistant plants, wildfire, landscapes	News/Education	Available on the App store and Google Play	iOS, android	Free	-	Oregon State University Extension	Apple Store	Google Play Store
PANNAR Sprout	PANNAR Seed (Pty) Ltd	South Africa	-	The PANNAR Sprout mobile app is essentially a simplified, yet informative version of our website stored on a user's mobile device, thus eliminating the need for a continuous internet connection. When a stable connection becomes available and providing the user's cellphone setting allows, the app will automatically check for and download updates. Farmers who come across diseases whilst in the field are able to verify the disease against our helpful disease fact sheets. This includes photographs, symptoms and important notes. Our disease fact sheets are also updated as new information comes to light so that farmers continue to stay abreast of new and emerging crop diseases.	Diseases, plant diseases, percent diseased	Pest	Available on the App store and Google Play	iOS, android	-	Optimized to work with PANNAR seeds	PANNAR	Google Play Store	Apple Store
Microgreens Seed Density Calculator	Pennsylvania State University	US	Pennsylvania	This is a very simple Excel application tool that allows you to select the species you would like to grow from a drop down menu. The calculator will define the optimal seed density for the species you selected based on our small database, and after you enter information on the germinability of your batch of seeds (optional), and on the size of your growing tray or container (required) the calculator will define the suggested amount of seeds needed for a single growing tray or container.	Seeding rate, Vegetables	Crops	Available for download from the Penn State Extension office	web	Free	-	Pennsylvania State University Extension	-	-
Spray It	Pentair Flow Technologies LLC	US	-	Tip suggestions based on product label. Search by chemical name or company.	Spray, Sprayer, Calibration, Pesticides, Herbicides, Fungicides, Insecticides, tips	spraying/spreading	Available on the App store and Google Play	iOS, android	Free	-	Pentair	Google Play Store	Apple Store

Purdue Ag Apps Listing

Performance Beef	Performance Livestock Analytics / Zoetis	US	-	Performance Beef provides a farmer friendly software solution built by feedlot producers. Performance beef has created a revolutionary Bluetooth Smart scale device that automates the feed delivery process, so the producer can capture every pound of feed delivered and every dollar spent. This device works with a majority of scale systems already in use on beef operations today. Performance Beef allows real-time access to on farm data and closeout reports. The program can connect to all your trusted advisors, so the right information is getting to those who help the producer make important performance and financial decisions. Being a cloud-based system allows you to access this information on any device from any where in the world.	Beef, Cattle, feedlot, scale system	Livestock	Available on the App store	iOS	Free	\$150 / month	Performance Livestock Analytics	Apple Store	-
Pioneer Seeds App	Pioneer / Corteva	US	-	Need an agronomist? There's an app for that. Pioneer Seeds is a free mobile app with helpful agronomic tools and insights for your farm during every stage and season. 100% Smart. 100% Phone.	Field Management, Planting, Seeding rate, planting population, planting rate, economically optimal seeding rate, scouting, field observations, yield, yield estimate, industry, seed tag	Crops	Available in the App store and Google Play store	iOS, Android,	Free	Optimized for Pioneer Seeds products	Pioneer Hybrid	Apple Store	Google Play Store
Pioneer Corn Yield Estimator	Pioneer / Corteva	US	-	Use this tool to estimate preharvest corn yield.	Corn, yield, yield estimate	Crops	Website version only	Web	free	free	Pioneer Hybrid	-	-
Pioneer GDU Calculator	Pioneer / Corteva	US	-	Track GDU accumulation on your farm and compare total and year-to-year GDUs.	GDU, GDUs, GDUs estimate, GDD, Growing Degree Unit	Crops	Website version only	Web	free	free	Pioneer Hybrid	-	-
Pioneer Planting Rate Estimator	Pioneer / Corteva	US	-	Enter your hybrid, grain price and seed cost for customized planting rate suggestions.	Planting, economically optimal seeding rate, seeding rate, planting population, planting rate	Crops	Website version only	Web	free	Optimized for Pioneer Seeds products	Pioneer Hybrid	-	-
Pioneer Plantability Calculator	Pioneer / Corteva	US	-	Get suggested planter settings for Pioneer® brand corn products.	Planter, Corn seeding, Industry	Crops	Website version only	Web	free	Optimized for Pioneer Seeds products	Pioneer Hybrid	-	-
Pioneer Corn Replant Calculator	Pioneer / Corteva	US	-	Use this calculator to help you make management decisions for potential corn replant.	replant, corn, corn replant, field management	Crops	Website version only	Web	free	Optimized for Pioneer Seeds products	Pioneer Hybrid	-	-
Pioneer Calculate Alfalfa Savings	Pioneer / Corteva	US	-	Use this tool to find your true seed cost for Pioneer® brand alfalfa.	alfalfa, industry	Crops	Website version only	Web	free	Optimized for Pioneer Seeds products	Pioneer Hybrid	-	-
Pioneer Find Value with HarvXtra Technology	Pioneer / Corteva	US	-	Calculate the value of Pioneer® brand alfalfa varieties with HarvXtra® technology	alfalfa	Crops	Website version only	Web	free	Optimized for Pioneer Seeds products	Pioneer Hybrid	-	-
Pix 4D capture	Pix 4D	US	-	Pix4Dcapture turns your consumer drone into a professional drone mapping tool. A free companion to Pix4D photogrammetry software, Pix4Dcapture is the perfect tool to automatically capture image data - RGB, multispectral, thermal - for optimal 3D models and maps. Process post-flight images easily on the cloud or desktop applications, producing georeferenced maps and models that are tailored to many industry needs.	Drone, UAV, Automated Flight, Stitching, Orthomosaics, map, maps, mapping	Technology	Available in the App store and Google Play store	iOS, Android,	free	-	Pix 4D	Apple Store	Google Play Store
Pix 4D fields	Pix 4D	US	-	Pix4Dfields is a product by Pix4D. An advanced agriculture mapping software for aerial crop analysis and digital farming. Pix4Dfields uses a direct-to-orthomosaic photogrammetry pipeline optimized for fast processing of smooth terrain from drone imagery. By focusing on this specific domain Pix4Dfields provides high-quality maps processed in a fraction of the time, allowing immediate analysis while still on-site using a laptop computer.	Drone, UAV, Automated Flight, Stitching, Orthomosaics, map, maps, mapping	Technology	web only	web	-	Yes, SaaS	Pix4D	-	-
Plantix	Plantix	India	-	Diagnostic tool for fruits, vegetable and field crops. Capture images of damaged crops and receive instant diagnosis on plant problems. Regional treatment suggestions provided.	Fruits, Vegetables, Row Crops, Field Crops, damage, disease, insect, treatment	Crops/pest	Available on Google Play	android	Free	-	Plantix	Google Play Store	-
Precision Hawk	Precision Hawk	US	-	PrecisionAnalytics Agriculture is the complete aerial mapping and agronomy software platform. See growth trends, count and size plants, generate prescription maps, identify early indicators of plant stress, and measure the zonal efficiency of your farm. All through a turn-key, web-based crop data management platform.	Drone, UAV, Automated Flight, Stitching, Orthomosaics, map, maps, mapping	Technology	web only	web	-	Yes, SaaS	PrecisionHawk	-	-
Mix Tank	Precision Laboratories	US	-	Calculates the ratio and amount of crop protection product(s) for a tank mix. Includes weather information that can be used for documentation and compliance.	Spray, Sprayer, Calibration, Pesticides, Herbicides, Fungicides, Insecticides	spraying/spreading	Available on the App store, Google Play, and web	iOS, android, web	Free	-	Precision Laboratories: Mix Tank App	Apple Store	Google Play Store

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Premier Crop Dataview	Premier Crop Systems LLC	US	-	The Premier Crop DATAVIEW app is a powerful extension of Premier Crop's existing web based system that enables subscribing growers easy access to maps and data on their mobile device. Once logged into DATAVIEW as a Premier Crop user, maps previously available on the web are downloaded to your device for easy access to detailed agronomic data on the go. The grower is able to view multiple map layers (color coded with legends that correspond to the data previously viewed in the web application). The grower is also able to view the maps by panning and zooming with satellite imagery displayed in the background.	agronomy, maps, satellite imagery, remote imagery, crops	Technology	Available on the App store and Google Play	iOS, android	Free	Yes, Saas	Premier Crop Systems LLC	Apple Store	Google Play Store
Corn Field Scout	Purdue University	US	Indiana	Growers and consultants have relied on the Purdue Extension Corn & Soybean Field Guide for more than 20 years. This is the perfect in-field reference that takes the popular guide to the next level. Purdue University specialists created this comprehensive, science-based app to help you effectively manage corn production.	Scouting, Com, Fertility, Fertilizer, Nutrients, Insects, Disease, Disorder, Insecticide, Weeds, Herbicide, Fungicide, Seeding Rate	Crops/pest	Available in the App store and Google Play store	iOS, android	5.99	-	Purdue University	Apple Store	Google Play Store
Soybean Field Scout	Purdue University	US	Indiana	Growers and consultants have relied on the Purdue Extension Corn & Soybean Field Guide for more than 20 years. This is the perfect in-field reference that takes the popular guide to the next level. Purdue University specialists created this comprehensive, science-based app to help you effectively manage soybean production	Scouting, Soybean, Fertility, Fertilizer, Nutrients, Insects, Disease, Disorder, Insecticide, Weeds, Herbicide, Fungicide, Seeding Rate	Crops/pest	Available in the App store and Google Play store	iOS, android	5.99	-	Purdue University	Apple Store	Google Play Store
Corn Field Scout Preview	Purdue University	US	Indiana	Growers and consultants have relied on the Purdue Extension Corn & Soybean Field Guide for more than 20 years. This is the perfect in-field reference that takes the popular guide to the next level. Purdue University specialists created this comprehensive, science-based app to help you effectively manage corn production.	Scouting, Com, Fertility, Fertilizer, Nutrients, Insects, Disease, Disorder, Insecticide, Weeds, Herbicide, Fungicide, Seeding Rate	Crops/pest	Available in the App store and Google Play store	iOS, android	Free	-	Purdue University	Apple Store	Google Play Store
Soybean Field Scout Preview	Purdue University	US	Indiana	Growers and consultants have relied on the Purdue Extension Corn & Soybean Field Guide for more than 20 years. This is the perfect in-field reference that takes the popular guide to the next level. Purdue University specialists created this comprehensive, science-based app to help you effectively manage soybean production	Scouting, Soybean, Fertility, Fertilizer, Nutrients, Insects, Disease, Disorder, Insecticide, Weeds, Herbicide, Fungicide, Seeding Rate	Crops/pest	Available in the App store and Google Play store	iOS, android	Free	-	Purdue University	Apple Store	Google Play Store
Soil Explorer	Purdue University	US	Indiana	Explore detailed maps of soil properties and landscapes for various U.S. states, small-scale maps of soil distributions for the world, and soil maps for selected countries. Examine the details for a specific area, but also see the overview for a large area. Learn how features shown on the maps correspond to what you observe in the field. Soil Explorer utilizes detailed soil survey data from the USDA Natural Resources Conservation Service and data and maps from the U. S. Geological Survey and other sources to produce informative, highly engaging maps.	Soil Mapping, Soil, SSURGO, Soil Types	Soil	Available in the App store and Google Play store	iOS, android	Free	-	Purdue University - Soil Explorer	Google Play Store	Apple Store
Purdue Tree Doctor	Purdue University	US	Indiana	The Purdue Tree Doctor app has been developed by experts at Purdue University to help people better identify and manage tree problems caused by a variety of factors, including insects and diseases. Landscape professionals, arborists, and garden center personnel can use this app to improve communication with their customers.	Trees, insects, disease, arbor, arborists, gardeners, shrubs, woods, forests	Crops/pest	Available in the App store and Google Play store	iOS, android	Free	-	Purdue University	Apple Store	Google Play Store
Purdue Shrub Doctor	Purdue University	US	Indiana	The Purdue Shrub Doctor app has been developed by experts at Purdue University to help people better identify and manage tree problems caused by a variety of factors, including insects and diseases. Landscape professionals, arborists, and garden center personnel can use this app to improve communication with their customers.	Trees, insects, disease, arbor, arborists, gardeners, shrubs, woods, forests	Crops/pest	Available in the App store and Google Play store	iOS, android	Free	-	Purdue University	Apple Store	Google Play Store
Purdue Perennial Flower Doctor	Purdue University	US	Indiana	The Purdue Perennial Doctor app has been developed by experts at Purdue University to help people better identify and manage insect, disease and environmental problems you find on your herbaceous, perennial landscape plants, from anemone to yarrow, to name but a few of the more than 100 commonly planted perennials in the Midwest. Landscape professionals and garden center personnel can use this app to improve communication with their customers.	Perennial, Flowers, Herbaceous landscape plants, insects, disease, disorders, environmental problems	Crops/pest	Available in the App store and Google Play store	iOS, android	Free	-	Purdue University	Apple Store	Google Play Store

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Purdue Annual Flower Doctor	Purdue University	US	Indiana	The Purdue Annual Doctor app has been developed by experts at Purdue University to help people better identify and manage insect, disease and environmental problems you find on your annual bedding plants, like geraniums, petunias, and zinnias, to name but a few of the more than 60 commonly planted annual flowers. Landscape professionals and garden center personnel can use this app to improve communication with their customers	Annuals, Flowers, bedding plants, insects, disease, disorders, environmental problems	Crops/pest	Available in the App store and Google Play store	iOS, android	Free	-	Purdue University	Apple Store	Google Play Store
Purdue Tomato Doctor	Purdue University	US	Indiana	The Purdue Tomato Doctor has been developed by experts at Purdue University to help gardeners identify, diagnose and manage insect, disease, and environmental problems on their tomatoes. The app contains almost 500 high quality images to help users throughout North America diagnose their most common (and uncommon) tomato problems.	insects, disease, environmental problems, disorder, tomato	Crops/pest	Available in the App store and Google Play store	iOS, android	Free	-	Purdue University	Apple Store	Google Play Store
Purdue Turf Doctor	Purdue University	US	Indiana	The Purdue Turf Doctor app was developed by experts at Purdue University to help homeowners and land managers diagnose and address turfgrass problems caused by a variety of factors including weeds, insects, diseases, nuisance animals and abiotic stress. Turfgrass management professionals and garden center personnel can also use this app to improve communication with their customers and build customer confidence. Information in this app is most useful in the Midwestern and Eastern United States, but may also be useful for diagnosing and managing turfgrass disorders in other regions of North America.	Turf, Turfgrass, weeds, insects, disease, nuisance animals, abiotic stress	Crops/pest	Available in the App store and Google Play store	iOS, android	Free	-	Purdue University	Apple Store	Google Play Store
Purdue Turf Fertilizer Calculator	Purdue University	US	Indiana	Calculate how much fertilizer is needed, how much nutrient is being applied based on fertilizer application, and compare up to 3 fertilizers simultaneously to find your best value	Turf, Fertilizer, Fertility, Nutrients, application, Turfgrass	spraying/spreading	Website version only	web	free	-	Purdue University	-	-
Contxt	Purdue University	US	Indiana	The primary purpose of CONXT is to provide metadata about other data layers which might be UAV images, as applied seed or chemical files, yield data files, etc. This context (the full backstory of what happened here this year – maybe even longer term) is critical for record keeping, model building, artificial intelligence, and machine learning. By streamlining the collection of this data, we hope to move quicker and farther toward achieving the promise of data in agriculture.	metadata, data, agriculture data, information, record keeping, model building, AI, artificial intelligence, machine learning	Technology	Website version only	web	Free	-	Purdue University	-	-
Purdue Crop Basis Tool	Purdue University	US	Indiana	The Purdue Center for Commercial Agriculture Crop Basis Tool is a web-based tool that provides access to weekly historical and contemporaneous corn and soybean basis data for local market regions in the eastern corn belt.	Basis, Price, Markets, Trends	Business	Website version only	web	Free	-	Purdue University	-	-
Fifty Trees of the Midwest	Purdue University	US	Indiana	Fifty Trees of the Midwest is the ideal guide to the most common trees in the Midwest. This app helps you identify trees, create field notes, and import photos for handy reference. Use the photo-based identification key complete with pop-up definitions to identify trees. Compare your results to feature pages with full-color pictures of the leaf, bud, twig, flower, fruit, bark, and form of each tree. Swipe to browse photos or tap to enlarge them for a closer look. You can even make field notes with your own photos for use in the identification process.	Trees, Tree ID, forestry, woods	Crops/Conservation	Available on the App Store	iOS	3.99	-	Purdue University	Apple Store	-
Midwest Cover Crops Field Scout App	Purdue University / Midwest Cover Crops Council (MCCC)	US	Indiana	This app is a convenient, handy resource based on the Midwest Cover Crop Field Guide. The app will help you effectively select, grow, and use cover crops in your farming systems. This app is free to download from the App Store, but requires an annual subscription to unlock all the content - available as an in-app purchase.	Cover Crops	Conservation	Available in the App store and Google Play store	iOS, android	Free	in app purchases	Purdue University	Apple Store	Google Play Store

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Aphid Advisor	R.H. Hallett / AgNiton Inc.	Canada	-	Aphid Advisor is a decision-making tool to help determine whether an action is warranted for control of soybean aphids (Aphis glycines) on soybeans. This app uses both aphid and natural enemy numbers, as well as expected population growth rates, to indicate whether there are enough natural enemies to keep aphid populations in check or if an insecticide application may be needed. The accuracy of output generated by this app depends on the accuracy of the data submitted by users. Aphid Advisor takes no responsibility for the accuracy of these results. There are other tools and sources of information to consider before deciding what pest management action to take.	Aphids, soybean, soybean aphid, aphis glycines, aphid population, pest management	Pest	Available in the App store and Google Play store	iOS, Android,	free	-	Aphid App	Google Play Store	Apple Store
Rauch Fertilizer Chart	RAUCH Landmaschinenfabri k GmbH	Germany	-	Provides spreading charts for current and older RAUCH fertilizer spreaders.	Spreaders, Fertilizer, Fertility, Fertiliser	spraying/spreading	Available in the App store and Google Play store	iOS, android	Free	Requires Rauch spreaders	Rauch	Google Play Store	Apple Store
Uharvest Pro	Raven Industries	US	-	The Slingshot Grain Cart app can be used to wirelessly transfer grain cart harvest data from the field to a secure Raven Slingshot account online. Use the app to connect to the grain cart's Bluetooth signal, search for files, and transfer the desired files to the user's Slingshot account.	grain, grain harvest, IoT, data	Technology	Available on the App store and Google Play	iOS, android	Free	Requires pairing with a Raven Slingshot account	Raven Industries	Apple Store	Google Play Store
RealAg Markets	Real Agriculture	Canada	-	Fast, free and focused on futures! Download RealAgriculture's Futures Market app to get the latest commodity prices and markets coverage from our award-winning editorial team. Track over 50 different commodities and see the latest trading patterns any time.	Futures, Markets, Prices, commodities	Business	Available in the App store and Google Play store	iOS, android, web	free	-	Real Agriculture	Google Play Store	Apple Store
Livestock Record - Show Tracker for Livestock Show	Ross Sullivan	US	-	An app designed to help, manage your livestock, animals and get them ready for the show. This app was designed for the 4-H/FFA style livestock shows in mind. Great for lambs, pigs or swine, cows and cattle, chicken turkeys and other poultry, and rabbits. Great show tracker. Have your animal gain weight with this show tracker.	livestock shows, 4-H show, lambs, pigs, swine, cows, cattle, poultry, chickens, rabbits, weight gain.	Livestock	Available on the App store	iOS	Free	-	-	Apple Store	-
Farm Food Production	Sand Apps Inc	Global	-	Thousands of data points, charted into easy to understand visuals. You can trend, track and compare farm trade, production and usage. Global benchmarking data from United Nations, may not be current.	Food production, Farm Production, Global Food, Food Trade, Food Usage, Data	News/Education	Available in the App store	iOS	2.99	-	Sand Apps	Apple Store	-
Dairy Farming and Markets	Sand Apps Inc	Global	-	Thousands of data points, charted into easy to understand visuals. You can trend, track and compare farm trade, production and usage. Global benchmarking data from United Nations, may not be current.	Food production, Farm Production, Global Food, Food Trade, Food Usage, Data, Dairy, benchmarking	News/Education	Available in the App store	iOS	2.99	-	Sand Apps	Apple Store	-
Corn Farmer	Sand Apps Inc	Global	-	Thousands of data points, charted into easy to understand visuals. You can trend, track and compare farm trade, production and usage. Global benchmarking data from United Nations, may not be current.	Food production, Farm Production, Global Food, Food Trade, Food Usage, Data, Corn, Maize, benchmarking	News/Education	Available in the App store	iOS	2.99	-	Sand Apps	Apple Store	-
Farm Land Use	Sand Apps Inc	Global	-	Thousands of data points, charted into easy to understand visuals. You can trend, track and compare farm trade, production and usage. Global benchmarking data from United Nations, may not be current.	Food production, Farm Production, Global Food, Food Trade, Food Usage, Data, Land, benchmarking	News/Education	Available in the App store	iOS	2.99	-	Sand Apps	Apple Store	-
Grain and Cereal Markets	Sand Apps Inc	Global	-	Thousands of data points, charted into easy to understand visuals. You can trend, track and compare farm trade, production and usage. Global benchmarking data from United Nations, may not be current.	Food production, Farm Production, Global Food, Food Trade, Food Usage, Data, grain, benchmarking	News/Education	Available in the App store	iOS	2.99	-	Sand Apps	Apple Store	-
Grain and Cereal Markets	Sand Apps Inc	Global	-	Thousands of data points, charted into easy to understand visuals. You can trend, track and compare bio-fuel supply, demand, sources, and access rates. Global benchmarking data from United Nations, may not be current.	Food production, Farm Production, Global Food, Food Trade, Food Usage, Data, biofuel, diesel, benchmarking	News/Education	Available in the App store	iOS	2.99	-	Sand Apps	Apple Store	-
Farm Fertilizer	Sand Apps Inc	Global	-	Thousands of data points, charted into easy to understand visuals. You can trend, track and compare global fertilizer trade, production, and usage. Global benchmarking data from United Nations, may not be current.	Food production, Farm Production, Global Food, Food Trade, Food Usage, Data, biofuel, diesel, benchmarking	News/Education	Available in the App store	iOS	2.99	-	Sand Apps	Apple Store	-
TractorHouse	Sandhills Global, Inc	US	-	Full-color photos, complete descriptions, and location maps for each machine are included. TractorHouse finds your location and first displays the for-sale listings closest to you. Find your equipment, contact the seller, and make your best deal. Browse and search auction results. An essential tool for tracking industry trends! Add items to your Watch List to check back later! Synchronizes with your Watch List on the website, too! Are you an equipment dealer? Add new inventory, specify price, take pictures, and watch it appear on the website.	Farm Equipment, Used Farm Equipment, Machinery	Machinery	Available in the App store and Google Play store	iOS, android, web	Free	-	Tractor House	Apple Store	Google Play Store

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Landscout 2	Satshot	US	-	Viewing tool for Satshot purchased imagery. Can collect images during scouting and geotag.	Satshot imagery, imagery, scouting, GPS	Technology	Available on the App store	iOS	Free, with a paid option	1000 - 5000 / yr	SatShot	Satshot	Apple Store
Scoutpro	Scoutpro	US	Iowa	ScoutPro is a user-friendly mobile field scouting app for agricultural consultants. The app assists users in identifying 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. In addition, the app allows for the aggregations for data and searchable fields to find client reports from multiple scouts	Scouting, Corn, Soybean, Wheat, insects, disease, weeds, disorders, field scouting	Crops/pest	Available in the App store	iOS	Free	Yes, SaaS	Scoutpro	Apple Store	-
Field Agent	Sentera	US	Minnesota	FieldAgent files your DJI drone and captures data to make beautiful agricultural crop health maps, count plants, find weeds and more. Compatible with most any modern DJI drone. FieldAgent manages all the details of flying so you can focus simply on the desired map. FieldAgent shows your full orthomosaics, plant populations, weed locations, and precision NDVI crop-health products right on your device, complete with position information to make in-field scouting possible. Mission estimates are provided at the beginning of each flight and updated as you change the mission. You can see most every aspect of your flight plan prior to takeoff, and adjust as needed. Without distance, waypoint, or acreage limits you can fly massive fields all at once. FieldAgent will bring the drone will return home when it needs a new battery, and send it back where it left off.	Drone, UAV, Automated Flight, Stitching, Orthomosaics, map, maps, mapping	Technology	Available in the App store	iOS	free	Yes, SaaS	Sentera	Apple Store	-
Stockmove Express	Shearwell Data Ltd.	United Kingdom	-	App allowing livestock farmers in Great Britain to manage their sheep holding register and cattle herd register. It is powered by NLMD-LT livestock database, meaning everything recorded on the device can also be viewed and reported online using any internet connected computer.	Animal Pedigree, Sheep, Cattle, RFID, Animal movement	Livestock	Available in the App store and Google Play store	iOS, android	Free	Free, compatible with Shearwell tools	Shearwell	Google Play Store	Apple Store
GrainStore	Simple Farm Apps	Canada	Saskatchewan	An app designed by farmers to help you keep track of the grain in your bins. It replaces the white board and marker in your shop or office. First create the map of your bin yard and then tap on each bin to view and edit the bin's information- the number of the bin, the commodity in the bin, the moisture of the grain, and the amount of grain in the bin. There is also a note pad for each bin. Easily share your bin yards with others so they can view and edit them.	grain, grain monitoring, grain bin, grain moisture, IoT, Grain Bin monitoring	Crops	Available on the App Store	iOS	Free	-	Simple Farms Apps	Apple Store	-
Smart Farm Systems	Smart Farm Systems, Inc	US	-	Smart Farm is all about intelligent irrigation and smarter farming. We have developed a comprehensive state-of-the-art monitoring and control system that delivers the information farmers need on a daily and even hourly basis. Our patented wireless communications system integrates smart sensors and pump modules with RF wireless technology for remote field monitoring and well pump control.	Irrigation	Crops	Available in the App store	iOS	Free	Purchase their system	Smart Farm	Apple Store	-
SoilOptix	SoilOptix	US	-	affordable soil analysis system that sets a new standard for accuracy in precision agriculture. Offering much more than traditional soil measurement practices, SoilOptix® delivers the highest definition and most detailed field nutrient maps obtainable today. Uses a non contact sensor mounted to a collection vehicle to show high definition field data	Soil Sampling, Soil analysis, VRT, Variable Rate	Technology	Travel to the link provided and speak with a representative for a quote	Web	Quote from representative required	Quote from representative required	SoilOptix	SoilOptix	-
Bug and Weed Identifier	Spectracide	US	-	The Bug & Weed Identifier app from Spectracide assists users in identifying and solving their pest problems. The app enables users to match their bug or weed issue to catalog photos. The app then suggests the best solution and nearest retail location. The Bug & Weed app is free and available for Android and iOS operating systems.	Weeds, Insects, disease, disorder, Scouting, Field Scouting, pests	Pest	Available on the App store	iOS	Free	-	Spectracide	Apple Store	-
Landscape's Companion - Plant & Gardening Guide	Stevenson Software LLC	US	-	Browse over 26,000 different plants by their scientific name and common names. View information such as water usage, size, and sun requirements. Most have a short description of the plant along with cultivation information, common uses, and any problems they may have. Most plants include beautiful pictures.	Landscape plants	Crops	Available on the App store	iOS	9.99	Paid versions \$4.99+	-	Apple Store	-
GPS Fields Area Measure	Studio Noframe	US	-	Provides area, distance, and perimeter measurement and management. Easily share maps and acreage information.	Mapping, Boundary, area, distance, perimeter	Technology	Available in the App store and Google Play store	iOS, android	Free	-	-	Apple Store	Google Play Store

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Farmbrite	Surestuff, LLC (Farmbrite)	US	-	Built by farmers for farmers. Farmbrite is a simple to use all-in-one operating system for your farm or livestock business. We've developed Farmbrite to make it simple to plan your season, manage resources, track your operations, measure your output and understand what is working well and what is not. At the end of the day Farmbrite provides valuable insights that can help you run a more efficient and profitable agriculture business.	Farm management, data, agronomic data, real-time, logistics	Business	Available on the App store and Google Play	iOS, android	-	Yes, Saas	Farmbrite	Apple Store	Google Play Store
Tank Mix Calculator	TapLogicLLC / FarmLogic	US	-	Build pesticide tank mixes for your fields. Build a spray recipe from our database of 10,000+ pesticides by simply entering area, tank size, total spray volume per acre and choose pesticides. Tank Mix Calculator generates a Bill of Goods, calculates each individual load and number of loads required to cover acreage.	Spray, Sprayer, Calibration, Pesticides, Herbicides, Fungicides, Insecticides	spraying/spreading	Available on the App store and Google Play	iOS, android	Free	Package for \$1,999	FarmLogic	Apple Store	Google Play Store
Soil Test Pro	TapLogicLLC / FarmLogic	US	-	Soil Test Pro makes soil sampling easier for you as a grower or service provider. Get lab results, fertilizer recommendations and controller files for all leading monitors, tractors, and implements.	Soil Sampling, Soil analysis, VRT, Variable Rate	Technology	Available on the App store and Google Play	iOS, android	Free	Sampling Costs	FarmLogic	Google Play Store	Apple Store
FarmPad	TapLogicLLC / FarmLogic	US	-	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. All your precision ag needs in one tool	Farm Management, scouting, GPS, equipment	Business	Available on the App store	iOS	Free	FarmLogic Account	FarmLogic	Apple Store	-
Farm Scout Pro	TapLogicLLC / FarmLogic	US	-	See something in the field? Review our database with over 6,000 insects, diseases, and weeds. Or, create your own custom Scout Object.	Scouting, insects, diseases, weeds, field scouting	pest	Available in the App store and Google Play store	iOS, android, web	free	\$299+	FarmLogic	Apple Store	Google Play Store
Farm Spray Pro	TapLogicLLC / FarmLogic	US	-	Use Farm Spray Pro to record spray applications according to pesticide label requirements including the latest product formulations containing dicamba. With Farm Spray Pro, you can draw, GPS, or import field boundaries, view the field details, add and edit spray records and review spray history	Spray, Sprayer, applications, pesticide, herbicide, insecticide, fungicide, GPS	spraying/spreading	Available in the App store and Google Play store	iOS, android, web	free	\$495+	FarmLogic	Google Play Store	Apple Store
Dry Grain Calculator	TapLogicLLC / FarmLogic	US	-	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.	Grain, Grain Moisture, Dry, Deliver, Blend, % moisture	Crops	Available in the App store and Google Play store	iOS, android, web	free	-	FarmLogic	Google Play Store	Apple Store
Teagasc	Teagasc	Ireland	-	Provides access to selected Teagasc information and in-App calculators. It is an interactive tool that farmers can use to track fertilizer usage against their fertilizer plan. Track yearly allowances, purchases, and opening stock to keep a record of nutrient purchases.	Fertilizer, Fertility, Nutrients, Nutrient purchases, Fertiliser	spraying/spreading	Available on the App store	iOS	Free	-	Teagasc	Apple Store	-
The Lambing Book	The Calving Book App, LLC	US	-	Experience the ease of keeping track of lamb records with The Lambing Book. Add lamb information such as lamb id, birth weight, gender, date, and even comments about the lamb. It has never been easier to do! The app is even set up to handle multiples!	lambing, sheep, livestock, birth	Livestock	Available on the App store and Google Play	iOS, android	Free	in-app purchases, subscription	The Calving Book	Apple Store	Google Play Store
The Calving Book	The Calving Book App, LLC	US	-	Experience the ease of keeping track of calf records with The Calving Book Plus. Add calf information such as calf id, birth weight, gender, date, and even comments about the calf. It has never been easier to do! The main functions of this app will even work offline!	calving, cattle, cows, livestock, birth	Livestock	Available on the App store and Google Play	iOS, android	Free	in-app purchases, subscription	The Calving Book	Google Play Store	Apple Store
The Weather Channel	The Weather Channel	US	-	View local & national forecasts, current weather conditions, and weather maps.	weather	Weather	Available in the App store and Google Play store	iOS, android	Free	in app purchases	Weather Channel	Apple Store	Google Play Store
AGRO Inspector	TMG Dronity	Slovakia	-	AGRO Inspector analyzes multispectral and RGB data from drones and aircraft captured images. It gives you access to your data anytime, anywhere from your device. Recommended for drone owners, farmers and insurance companies for recognising potential damage to crops (like wheat, corn, oil seed rape).	RGB, UAV, Multispectral, imagery, remote sensing, drone	Technology	Available on the App store and Google Play	iOS	free	-	TMG Dronity	Apple Store	Google Play Store

Purdue Ag Apps Listing

Tractor Zoom	Tractor Zoom Inc.	US	-	Find used farm equipment at auction: tractors, harvesting, planting, tillage, hay and forage, chemical applicators, trailers, and more! Browse digital auction catalogs from auctioneers you know and trust. Get detailed descriptions and quality images of auction inventory. Search for specific makes and models, or simply browse by category. Then sort your search results by distance from you, date of auction, horsepower, year, and hours. Save equipment you like in your favorites by creating a FREE Tractor Zoom account. Set notifications to receive alerts when there's a new auction listed in your area, when one of your favorited items is going to auction, or when an auction company you've subscribed to posts a new auction. Sort auctions by date and by distance from you. Filter auctions by type: onsite only, online only, or auctions that are both onsite and online (simulcast). Are you a farm equipment auctioneer? Go to TractorZoom.com to advertise on the Tractor Zoom web and mobile app!	Farm Equipment, Used Farm Equipment, Equipment, Machinery	Machinery	Available in the App store and Google Play store	iOS, Android, web	Free	-	Tractor Zoom	Apple Store	Google Play Store
Blend Calculator	Travis Redpath	Unknown	-	Calculates the fertilizer blend and the total application rate needed to apply the required amount of nitrogen, phosphate, potash, and sulphate. The products can be changed to whatever ratios you want to use.	Fertilizer, Fertility, Nutrients, Nitrogen, Phosphorus, Potassium, sulfur, potash, phosphate, sulphate	spraying/spreading	Available on Google Play	android	Free	-	-	Google Play Store	-
Timber Tracker	Turner Logging, LLC	US	Missouri	Timber Tracker is a mobile app designed by Turner Logging, LLC of Stockton, Missouri. Timber Tracker was designed by loggers for loggers. This app allows you to estimate your timber harvest, price your lumber, and prepare and send a quote PDF to your customers.	timber, timber harvest, lumber price, lumber quote	Crops	Available on the App store and Google Play	iOS, android	\$1.99	in-app purchases	Turner Logging	Apple Store	Google Play Store
Farmer Connect	Tyson Foods, Inc	US	-	Farmer Connect gives contract poultry farmers mobile access to scheduled deliveries of feed and pickups of birds and a news feed to stay relevant on announcements and resources from Tyson Foods. Farmers can receive push notifications with real-time information to help manage their schedules.	Poultry, Chickens, turkey, poultry management	Livestock	Available on the App store and Google Play	iOS, android	Free	Integrated with Tyson Foods for their producers	Tyson Foods	Apple Store	Google Play Store
Feed Scoop	Umbarger Show Feeds	US	-	Welcome to The Feed Scoop Fueled by Umbarger Show Feeds. This interactive livestock app will allow you to stay connected with the management of your barn. This app was designed by showmen for showmen to help your team stay connected with all the important information in the show barn such as feeding charts, manage weights and so much more. Download this free app now and let's stay connected.	Livestock, Animal nutrition, feed, showing, feeding charts, weight gain	Livestock	Available on the App store and Google Play	iOS, android	Free	-	Umbarger Show Feeds	Apple Store	Google Play Store
Alaska Weeds ID	University of Alaska / University of Georgia / US Fish and Wildlife Service	US	Alaska / Georgia	Alaska Weed ID brings the power of EDDMapS to your phone. Now you can use an interactive key to identify invasive plants and submit those observations directly with your iPhone from the field. By reporting sightings of invasive plants, we can better assess the extent of the infestations and hopefully eradicate new infestations before they become huge problems. The goal of Alaska Weed ID is to make identification and reporting of invasive plants as easy and efficient as possible.	Invasive Species, Invasive Species monitoring	Conservation	Available on the App store and Google Play	iOS, android	Free	-	Bugwood Apps	Google Play Store	Apple Store
SoilWeb Gmap	University of California Davis	US	California	- Soil profile sketches, estimated proportions, and geomorphic position of soil components associated with the SSURGO "map unit" identified at your current location. - Map unit aggregate data such as estimated water holding capacity. - Component details: soil taxonomy, soil property depth profiles, land classification ratings, hydraulic and erosion ratings, forest productivity, soil suitability ratings.	Soil Mapping	Soil	Web based app has an interactive map for viewing and querying individual map units. Mobile versions (android and iOS) will give information about the current location, but also provide a link to the full map.	iOS, android, web	Free	-	University of California Davis	Google Play Store	Apple Store
Rain Garden	University of Connecticut	US	Connecticut	Rain gardens are depressions in the ground that collect rainwater from roofs, driveways, parking areas, or other hard surfaces, reducing the amount of polluted runoff entering local waterways. The University of Connecticut Center for Land Use Education and Research developed this App as a resource for homeowners, landscapers, contractors, and others.	Rain Garden, rain, rainwater, conservation, pollution, runoff, waterways	Conservation	Available in the App store	iOS	free	-	University of Connecticut	Apple Store	-
Pests of Stone Fruits	University of Florida	US	Florida	Pests of Stone Fruits is a symptom based App for detecting and screening pests and diseases of peaches, plums, nectarines, and apricots. It is a pictorial guide that encompasses peach diseases and pests that are in the United States and exotic target pests of regulatory concern.	Stone Fruits, pests, diseases	Crops/pest	Available on the App store and Google Play	iOS, android	Free	-	University of Florida	Apple Store	Google Play Store

Purdue Ag Apps Listing

Landscape Pests	University of Florida	US	Florida	Landscape Pests is intended to support the diagnosis and information content for common insect and mite pests found in Florida and elsewhere in the southeastern United States. Search for pests using menus based on Plant host, Damage symptom, or Common name or Scientific name.	Landscape pests, pests, pest ID, pest diagnosis	Pest	Available on the App store and Google Play	iOS, android	Free	-	University of Florida	Apple Store	-
Trees: North and Central Florida	University of Florida	US	Florida	Trees: North & Central Florida is a beautiful field guide to this diverse region of the United States. This application features high resolution original photographs and academically curated details of 140 trees from North and Central Florida.	Trees, Tree ID, forestry, woods	News/Education	Available on the App store	iOS	free	Premium version: \$3.99	University of Florida	Apple Store	-
Georgia Cotton Insect Advisor	University of Georgia	US	Georgia	GA Cotton Insect Advisor is an expert system for determining Extension prescribed insecticide treatments for management of cotton insect pests in the state of Georgia. The app will display the most appropriate insecticide or tankmix after the user provides the appropriate week of bloom, predominant stink bug species, percent internal boll injury, and other pest species present. At present time, the app is intended for management of stink bugs only. Recommendations are based on information on the manufacturer's label and performance data from research and Extension trials the University of Georgia. GA Cotton Insect Advisor was developed by the University of Georgia Center for Invasive Species and Ecosystem Health in cooperation with the Department of Entomology at the College of Agricultural and Environmental Sciences with support from Cotton Incorporated.	Cotton, Cotton Production, insects, pests, insecticide, pesticide, application	Crops/pest	Available on the App store and Google Play	iOS, android	Free	-	Bugwood Apps	Apple Store	Google Play Store
Forest Insect Pests	University of Georgia	US	Georgia	The photos present in this App are intended to help foresters, urban landscaping employees, or others working with trees recognize some of the common pest insects affecting trees in North America and understand their life cycles and how they damage trees. The information was drawn from book, websites, factsheets, and some original literature. This App is not a guide for specialists. In many groups, such as the bark beetles and aphids, confirmation of species identity requires attention to details not visible in photos with comparisons to other similar species and use of keys. Sources for further information (websites and articles) are given at the bottom of each species' page.	Forests, Trees, insects, pests	pest	Available on the App store and Google Play	iOS, android	Free	-	Bugwood Apps	Apple Store	Google Play Store
Invasive Plants in Southern Forests: Identification and Management	University of Georgia	US	Georgia	This app is based on the U.S. Forest Service publication: A Field Guide for the Identification of Invasive Plants in Southern Forests. 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. Often called nonnative, exotic, nonindigenous, alien, or noxious weeds, they occur as trees, shrubs, vines, grasses, ferns, and forbs. This app provides information on accurate identification of the 56 nonnative plants and groups that are currently invading the forests of the 13 Southern States. Recommendations for prevention and control of these species is provided from the booklet, "A Management Guide for Invasive Plants of Southern Forests," published by the Southern Research Station as a General Technical Report. Basic strategies for managing invasions on a specific site include maintaining forest vigor with minimal disturbance, constant surveillance and treatment of new unwanted arrivals, and finally, rehabilitation following eradication.	Invasive Species, Invasive Species monitoring, forests, trees, woods	Conservation	Available on the App store	iOS	Free	-	Bugwood Apps	Apple Store	-

Purdue Ag Apps Listing

Stink Bug Scout	University of Georgia	US	Georgia	Stink Bug Scout is designed for use by university researchers for making assessments of stink bug populations in fields and across landscapes. At the point of collection, stink bugs are identified by the user, with assistance from pictures in the app database, and then entered into the database and uploaded to EDDMapS by multiple users simultaneously. All data points are stamped with the current time, date, latitude, and longitude and can be downloaded and sorted for further analyses. Stink Bug Scout was developed by the University of Georgia Center for Invasive Species and Ecosystem Health in cooperation with the Department of Entomology at the College of Agricultural and Environmental Sciences.	Stinkbug, Brown Marmorated Stinkbug, Invasive, native, pests, insects, invasive species	Conservation	Available on the App store and Google Play	iOS, android	Free	-	Bugwood Apps	Apple Store	Google Play Store
Southeast Early Detection Network	University of Georgia	US	Georgia	Every year new invasive plants, insects and plant pathogens are found in the Southeast. These non-native invasive species threaten to undermine the health of our environment. More than an inconvenience, invasive plants and animals can greatly alter our native landscape, adversely impact native wildlife, destroy agricultural crops and threaten our health. Invasions of exotic species cost the United States over \$120 billion each year. The economic costs are small compared to the ecological ones. The southern United States has millions of acres of public lands; these lands furnish us the water we drink, the air we breathe and countless recreational opportunities. These public lands are highly vulnerable to invasion by exotic plant and animal species; it is estimated that over 18 million or 10% of forested acres in the South have been infested by invasive species. By reporting sightings of invasive plants and other invasive pests, we can better assess the	Invasive Species, Invasive Species monitoring	Conservation	Available on the App store and Google Play	iOS, android	Free	-	Bugwood Apps	Apple Store	Google Play Store
Southeast Agriculture Stink Bug ID	University of Georgia	US	Georgia	SE Agricultural Stink Bug ID is designed for use by university researchers, Extension specialists, county agents, consultants, scouts, and growers who need to identify stink bugs collected in agricultural settings. Images for most species include eggs, nymphs, and adults. Key characteristics of each species are highlighted to allow the user to easily identify a specimen in hand. Common names in parentheses indicate that no official common name has been adopted by the Entomological Society of America. The app was developed by the University of Georgia Center for Invasive Species and Ecosystem Health and the Department of Entomology, units in the College of Agricultural and Environmental Sciences, with funding from Cotton Incorporated.	Stinkbug, Brown Marmorated Stinkbug, Invasive, native, pests, insects, invasive species	Conservation	Available on the App store and Google Play	iOS, android	Free	-	Bugwood Apps	Apple Store	Google Play Store
iBiocontrol - Noxious Weeds and their Biocontrol Agents	University of Georgia	US	Georgia	Reference and Reporting for Invasive Plants and their biological control agents. This free application uses EDDMapS (www.eddmaps.org) to help county, state and federal agencies track releases and occurrences of biological control agents of noxious weeds.	Invasive Species, Invasive Species monitoring, noxious weeds	Conservation	Available on the App store and Google Play	iOS, android	Free	-	Bugwood Apps	Apple Store	Google Play Store
EDDMapS Pro	University of Georgia	US	Georgia	EDDMapS Pro is an app for reporting invasive species. The app has the ability to download offline map data if users are going to be in areas where internet coverage may not be available.	Invasive Species, Invasive Species monitoring	Conservation	Available on the App store and Google Play	iOS, android	Free	-	Bugwood Apps	Apple Store	Google Play Store
Squeal on Pigs	University of Georgia	US	Georgia	The goal is to develop an app that allows landowners, hunters, natural resource professionals and outdoor enthusiasts the ability to quantify feral hog damage as soon as they encounter it and estimate the type and economic impact of the damage. The information gained from this app will provide crucial information to help researchers and wildlife managers combat the spread and impact of feral hogs.	Invasive Species, Invasive Species monitoring, pigs, hogs, feral swine	Conservation	Available on the App store and Google Play	iOS, android	Free	-	Bugwood Apps	Google Play Store	Apple Store

Purdue Ag Apps Listing

Good Bugs +	University of Georgia	US	Georgia	A valuable reference and practical guide to help farmers, gardeners, and naturalists recognize and identify bee pollinators, insects and spiders (natural enemies) that can reduce pest populations, and select native plants that attract and provide a food source (nectar and pollen) to natural enemies and pollinators.	Beneficial insects, pollinators, pest, bio-control	Crops	Available on the App store and Google Play	iOS, android	Free	-	Bugwood Apps	Google Play Store	Apple Store
Landscape MD	University of Hawaii	US	Hawaii	Landscape MD provides home gardeners and landscape and horticultural professionals with a quick diagnostic tool for common plant diseases and insect pests. The app's focus is on Hawai'i plants and pests, but many if not most of these are found throughout other tropical and subtropical locations. Users can search the database by symptom, plant part, or host plant or can browse all insects, diseases, or pests. Photographs and descriptions show the effects of infestation or disease, and "What to Do" sections provide Integrated Pest Management solutions for solving the problem by a variety of means. Links to publications with more in-depth information are provided.	Landscape pests, pests, pest ID, pest diagnosis	pest	Available on the App store	iOS	Free	-	University of Hawaii	Apple Store	-
Illinois Manure Calculator	University of Illinois	US	Illinois	The Illinois Manure Calculator is built for the Illinois-specific manure plan rules, enabling a livestock producer to quickly balance manure applications with field crop nutrient needs. This simple app automates the nutrient management planning worksheet that Illinois livestock producer learn in the Certified Livestock Manager Training workshops. The user enters manure storages with the respective manure sample data information for fields that will receive manure, and the general type of manure application equipment being used. The app calculates a manure application rate, based on the choice of nitrogen or phosphorus limits, and the N, P, and K that will be applied to the field. It also allows the user to enter a trial application rate, to see the effect on the nutrient balance. Completed calculations can be emailed directly to the user for entry into the farm's main manure nutrient management plan.	manure, manure application, crop nutrients, manure storage, fertilizer, fertility	spraying/spreading	Available on the App store, Google Play, and web	iOS, android, web	Free	-	University of Illinois Extension	Apple Store	Google Play Store
Gardener's Corner	University of Illinois	US	Illinois	The University of Illinois Extension's quarterly newsletter about home gardening including disease, variety selection, care and maintenance of vegetable and flowers gardens.	gardens, disease, pest, vegetable garden, flower garden	Pest	Available on the App store	iOS	Free	in app purchases	University of Illinois Extension	Apple Store	-
Illinois DVM	University of Illinois	US	Illinois	Illinois DVM is an app for University of Illinois college of veterinary medicine and their practice staff, to put pertinent information from the Veterinary Diagnostic Laboratory (VDL) and Veterinary Teaching Hospital (VTH), all in one place. Access to dermatology drug withdrawal times, chemotherapy guidelines, lab results, test fees, and the ability to pay on invoices are just some of the features of this app.	Illinois, Vet, Veterinary medicine, Veterinary, DVM	Livestock	Available on the App store and Google Play	iOS, android	Free	-	University of Illinois Veterinary Medicine	Apple Store	Google Play Store
Wx Almanac	University of Illinois	US	Illinois	This app provides the temperature, rain, and snowfall observations on a selected day for thousands of sites across the U.S. Pick any location, either through the map interface or by a city search, along with the day that interests you. The actual recorded data for that day is provided as well as a chart of observations that include surrounding days.	Weather, climate, temperature, rain, snow	Weather	Available on the App store and Google Play	iOS, android	Free	-	University of Illinois	Apple Store	Google Play Store
Illinois Cow	University of Illinois	US	Illinois	Illinois Cow is unique in that uses Augmented Reality to display interactive 3D anatomy, when your device camera is pointed at a trigger image. The Android Phone or Tablet serves as a magic lens that, when aimed at the provided target image, lets the user see the cow and/or its different anatomical systems clearly, from any perspective. The user's sense of proprioception helps them to learn the relative placements of organs. The app allows the user to engage with the cow at life-size scale, or, as a smaller desktop model. The user can place the target image on a tabletop, on their floor, or hang it on a wall. The system provides an extensive set of controllable annotations that help the student to learn, drill, and practice the locations of over 100 anatomical elements in the cow.	Vet, Veterinary medicine, cow, AR, bovine, anatomy, augmented reality	Livestock	Available on the App store and Google Play	iOS, android	\$4.99	-	University of Illinois Veterinary Medicine	Google Play Store	-

Purdue Ag Apps Listing

WellAssess	University of Illinois	US	Illinois	The original paper-based risk assessment tool outlined a comprehensive process for evaluating private well owner public health risks based on geology, well and well system construction, site factors, well owner practices, and nearby land use. This tool can also be used to assess springs used for private water supply. Thus, effective use of this app requires the user to have substantial private well experience. Both are designed to serve as a companion for one-on-one work with a well owner, as it is necessary to explain what the collected information means in relation to health and safety risks.	Well, private well assessment, water well	News/Education	Available on the App store and Google Play	iOS, android	Free	-	University of Illinois	Google Play Store	Apple Store
Monthly Cash Flow Planning	University of Illinois	US	Illinois	Prepares monthly pro-forma cash flows for an operation.	cash flow, agriculture economics	Business	web only	web	free	-	University of Illinois Farmdoc	-	-
Land Purchase Analysis	University of Illinois	US	Illinois	Calculates maximum bid prices for farmland and sensitivity to terms.	farmland value, land prices, land bids, price sensitivity, agriculture economics	Business	web only	web	free	-	University of Illinois Farmdoc	-	-
Lease vs Purchase Analysis	University of Illinois	US	Illinois	Compares lease vs. purchase alternatives and calculates the terms to make the options equivalent in NPV.	Net Present Value, lease, purchase, land prices, farmland value, agriculture economics	Business	web only	web	free	-	University of Illinois Farmdoc	-	-
Illinois Soil Productivity and Yield Utilities	University of Illinois	US	Illinois	Designed to assist with common computations related to the Illinois Soil Productivity measures and associated predicted yields.	yields, soil productivity values	Crops	web only	web	free	-	University of Illinois Farmdoc	-	-
Grain Storage Purchase Analysis	University of Illinois	US	Illinois	Evaluates the feasibility of purchasing a grain bin.	grain bin, grain storage economics	Business	web only	web	free	-	University of Illinois Farmdoc	-	-
Ethanol Dry Mill Plant Simulator	University of Illinois	US	Illinois	Simulate the performance of a dry mill ethanol plant over a 7-year period	ethanol plant performance, ethanol, agriculture economics	Business	web only	web	free	-	University of Illinois Farmdoc	-	-
Enterprise Allocation Module	University of Illinois	US	Illinois	Estimates costs of production across farm enterprises.	production cost, cost of production, farm operation, farm management, agriculture economics	Business	web only	web	free	-	University of Illinois Farmdoc	-	-
Yield Risk Evaluator	University of Illinois	US	Illinois	Used to access historic crop yield data for corn, soybeans, and wheat; sortable by state total, county level, and NASS crop reporting district.	historic crop yields, corn, soybean, wheat, NASS	Business	web only	web	free	-	University of Illinois Farmdoc	-	-
Capital Budgeting Analysis	University of Illinois	US	Illinois	Worksheet to compute net present value, compare price and terms, evaluate IRR and MIRR for basic capital budgeting/investment analysis programs.	Net Present Value, lease, purchase, land prices, farmland value, agriculture economics	Business	web only	web	free	-	University of Illinois Farmdoc	-	-
Biomass Crop Budget Calculator - Miscanthus and Switch grass	University of Illinois	US	Illinois	The miscanthus and switchgrass budget tool provides estimates of the breakeven price of biomass that the producer would need to receive each year to match the returns earned under their current land use.	Biomass, budget tool, breakeven, agriculture economics, miscanthus, switchgrass	Business	web only	web	free	-	University of Illinois Farmdoc	-	-
Earned Net Worth Allocation	University of Illinois	US	Illinois	Provides an estimate of the separation of earned net worth and valuation of market valuation equity.	earned net worth, valuation of market valuation equity, agriculture economics	Business	web only	web	free	-	University of Illinois Farmdoc	-	-
Biomass Crop Budget Calculator - Corn Stover	University of Illinois	US	Illinois	The corn stover budget tool provides estimates of the breakeven price of that the producer would need to receive to cover the costs associated with the harvesting, collection, and storage of the stover.	corn stover, breakeven, budget tool, agriculture economics	Business	web only	web	free	-	University of Illinois Farmdoc	-	-
Beef Profitability Model	University of Illinois	US	Illinois	Calculates the cost of feed rations for beef cattle, as well as net income produced per cwt., per cow, and per farm after all costs.	feed cost, beef, cattle net income, cow, agriculture economics	Business	web only	web	free	-	University of Illinois Farmdoc	-	-
Carbon Calculator	University of Illinois	US	Illinois	With this program, the user can estimate the amount of CO2 equivalent emissions released from their farming practices and calculate potential carbon sequestration payments for conservation practices.	Carbon sequestration, CO2 equivalent, conservation, agriculture economics	Conservation	web only	web	free	-	University of Illinois Farmdoc	-	-
Farm Rent Evaluator	University of Illinois	US	Illinois	Compares the risks and returns of different leases.	Risk, Return, leases, farm rent, agriculture economics	Business	web only	web	free	-	University of Illinois Farmdoc	-	-
Grain Pricing Tool	University of Illinois	US	Illinois	Enables the user to: 1) estimate the future distributions of corn and soybean, 2) calculate breakeven prices for storage and compare to projections, and 3) compare net returns of delivering grain to alternative locations and/or months.	corn, soybean, futures, breakeven prices, storage or delivery, agriculture economics	Business	web only	web	free	-	University of Illinois Farmdoc	-	-
Loan Amortization	University of Illinois	US	Illinois	Simple loan amortization program calculating principal, interest and outstanding balance.	loan amortization, principal, interest, balance, agriculture economics	Business	web only	web	free	-	University of Illinois Farmdoc	-	-
Dairy Profitability Model	University of Illinois	US	Illinois	Calculates breakeven prices for a dairy operation including group feed cost summaries. A net income summary on a per cwt, per cow, and per farm basis after all costs is also generated.	Dairy, feed, net income, cow, agriculture economics	Business	web only	web	free	-	University of Illinois Farmdoc	-	-
Corn and Soybean Basis Tool	University of Illinois	US	Illinois	The user can calculate, monitor, and evaluate the nearby basis, as well as cash and nearby futures prices for corn and soybeans in a given year.	Basis, Price, Markets, Trends, corn, soybean, agriculture economics	Business	web only	web	free	-	University of Illinois Farmdoc	-	-
Grain Inventory Management	University of Illinois	US	Illinois	Inventory accounting system to track grain inventory from harvest to sale.	accounting, grain, grain inventory, agriculture economics	Business	web only	web	free	-	University of Illinois Farmdoc	-	-
Cost of Feedstuffs Calculator	University of Illinois	US	Illinois	With this program, the user can calculate the per unit cost of energy and crude protein with the cost of the feed ingredients on an as-fed basis.	feed cost, crude protein, unit energy, agriculture economics	Business	web only	web	free	-	University of Illinois Farmdoc	-	-
Cash to Accrual Income Approximation	University of Illinois	US	Illinois	Approximates accrual income from schedule F.	accrual income, form F, taxes, agriculture economics	Business	web only	web	free	-	University of Illinois Farmdoc	-	-

Purdue Ag Apps Listing

Estimation of Deferred Taxes	University of Illinois	US	Illinois	Estimates deferred taxes for financial statement preparation.	financial statement, deferred taxes, taxes agriculture economics	Business	web only	web	free	-	University of Illinois Farmdoc	-	-
Cash Rent with Bonus Worksheet	University of Illinois	US	Illinois	Contains a worksheet that allows setting of parameters of cash rent with bonus leasing arrangements. The worksheet then calculates cash rents under alternative prices and yields.	cash rent, farm rent, alternative rent, agriculture economics	Business	web only	web	free	-	University of Illinois Farmdoc	-	-
Specialty Commodity Breakeven Analysis	University of Illinois	US	Illinois	With this program, the user can enter budgets and calculate break even levels for a set of specialty commodities.	specialty commodities, breakeven, budgets, agriculture economics	Business	web only	web	free	-	University of Illinois Farmdoc	-	-
Savings Calculator	University of Illinois	US	Illinois	Calculates how savings accumulate over time and the amount of savings needed to achieve specific targets.	Savings, saving accumulation, agriculture economics	Business	web only	web	free	-	University of Illinois Farmdoc	-	-
Repayment Capacity Analysis	University of Illinois	US	Illinois	The user can estimate the cash needs required to meet living, debt and investment payments.	repayment capacity, cash, debt, investment, payments, agriculture economics	Business	web only	web	free	-	University of Illinois Farmdoc	-	-
New Company Simulator	University of Illinois	US	Illinois	With this program, the user can project earnings, financial conditions, and break even levels and prices	Earnings projections, financial conditions, breakeven, agriculture economics, new company, new venture	Business	web only	web	free	-	University of Illinois Farmdoc	-	-
Machinery Financing	University of Illinois	US	Illinois	Calculates annualized cash flows for different methods of financing machinery acquisitions.	financing machinery, machinery lease, cash flow, agriculture economics	Business	web only	web	free	-	University of Illinois Farmdoc	-	-
Quick Cash Flow Projections	University of Illinois	US	Illinois	Prepares a quarterly cash flow projection and performs sensitivity analysis.	cash flow, agriculture economics, sensitivity analysis	Business	web only	web	free	-	University of Illinois Farmdoc	-	-
Personal Financial Statements	University of Illinois	US	Illinois	Prepares a family budget that produces a balance sheet and an income statement.	balance sheet, income statement, personal finance	Business	web only	web	free	-	University of Illinois Farmdoc	-	-
Time Value Tools	University of Illinois	US	Illinois	Computes interest rate factors and solves basic time value of money problems.	time value of money, interest rate, agriculture economics	Business	web only	web	free	-	University of Illinois Farmdoc	-	-
Planting Decision Model	University of Illinois	US	Illinois	With this program, the user can: 1) estimate the costs of planting corn and soybeans by planting date, 2) estimate the net returns from replanting, 3) prevented planting payments, and 4) compare crop rotations.	corn, soybean, planting date cost, replant costs, prevent plant payments, crop rotation, agriculture economics	Business	web only	web	free	-	University of Illinois Farmdoc	-	-
Appraisal of Current Financial Position	University of Illinois	US	Illinois	Evaluates the potential operating loan needs of a farm business by taking a forward look at the business, income, expenses, and cash flow requirements.	loan, financial position, financial health, income, expenses, cash flow, agriculture economics	Business	web only	web	free	-	University of Illinois Farmdoc	-	-
Balance Sheet & Historical Financial Statements	University of Illinois	US	Illinois	Prepares financial statements for a farm based on beginning and ending balance sheets and revenue and expense items.	financial statement, balance sheet, revenue, expense, cash flow, agriculture economics	Business	web only	web	free	-	University of Illinois Farmdoc	-	-
Farm Projection Tool	University of Illinois	US	Illinois	This program calculates per-acre budgets for different crops and a whole farm budget and includes breakevens. Projected financial statements and return sensitivities are available. The effects of farm level crop insurance and hedging can be analyzed....	farm management, farm budget, breakevens, financial statements, return sensitivities, crop insurance, hedging, agriculture economics	Business	web only	web	free	-	University of Illinois Farmdoc	-	-
2018 Farm Bill What-If Tool	University of Illinois	US	Illinois	This program calculates agricultural Risk Coverage for County Coverage (ARC-CO) and Price Loss Coverage (PLC) payments. County yields and market year average (MYA) prices are brought in for a user-specified state-county-crop combination. Users then can change 2018 through 2020 county yields and prices to see ARC-CO and PLC payments under those yields and prices.	Agriculture Risk Coverage, Price Loss Coverage, market year average prices, agriculture economics	Business	web only	web	free	-	University of Illinois Farmdoc	-	-
Loan Comparison	University of Illinois	US	Illinois	Compares terms across different loans and evaluates the benefits of refinancing.	loans, refinancing, loan terms, agriculture economics	Business	web only	web	free	-	University of Illinois Farmdoc	-	-
Machinery Economics	University of Illinois	US	Illinois	Analyzes the cost of completing fieldwork and generates machinery costs.	machinery costs, fieldwork costs, agriculture economics	Business	web only	web	free	-	University of Illinois Farmdoc	-	-
MACRS Calculator	University of Illinois	US	Illinois	Calculates tax depreciation schedules for depreciable items.	tax depreciation schedules, depreciation, taxes, agriculture economics	Business	web only	web	free	-	University of Illinois Farmdoc	-	-
Revolving Loan Calculator	University of Illinois	US	Illinois	Calculates principal and interest balances for revolving loans.	Revolving loan, principal, interest, agriculture economics	Business	web only	web	free	-	University of Illinois Farmdoc	-	-
Farmland Lease Analysis	University of Illinois	US	Illinois	Calculates revenues, costs, and returns for share rent, cash rent, and dry bushel farmland leases.	revenue, cost, return for share rent, cash rent, farmland leases, agriculture economics, rent	Business	web only	web	free	-	University of Illinois Farmdoc	-	-
Marketing and Crop Insurance Risk Model	University of Illinois	US	Illinois	With this program, the user can estimate the impact alternative risk management strategies have on gross revenue distributions.	risk management, crop insurance, marketing, gross revenue, agriculture economics	Business	web only	web	free	-	University of Illinois Farmdoc	-	-
MRTN Nitrogen Application Calculator	University of Illinois	US	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.	Fertilizer, Fertility, Nutrients, Nitrogen, Return, Cost, ROI	Business	Available on the App store	iOS	Free	-	Illinois Fertilizer and Chemical Association	Apple Store	-
HorseBCS	University of Kentucky	US	Kentucky	eXtension HorseQuest has created a great new app to help you body condition score your horse. This app will help you manage your horses and keep them healthy, whether you are a private horse owner, run a horse business, or work with horse related law enforcement.	Horse, equine, Body Condition Score, BCS, animal health	Livestock	Available on the App store and Google Play	iOS, android	Free	-	University of Kentucky	Apple Store	Google Play Store

Purdue Ag Apps Listing

SaddleUp SAFELY	University of Kentucky	US	Kentucky	Saddle Up SAFELY is a rider safety awareness program sponsored by UK Healthcare, UK College of Agriculture, Food and Environment and many community organizations. Through Saddle Up SAFELY, UK Healthcare seeks to educate current and future riders about the simple steps that can be taken to prevent accidents. Horseback riding is an extremely rewarding and thrilling sport, but it should be safe as well. Through Saddle Up SAFELY and UK Healthcare, we hope to make a great sport safer and more enjoyable for all riders and equine enthusiasts.	Horse, equine, Horse riding, safety, accident prevention	Livestock	Available on the App store and Google Play	IOS, android	Free	-	University of Kentucky	Apple Store	Google Play Store
Mobile-IPM	University of Manitoba	Canada	Manitoba	Identify pest insects and weeds, get real-time forecasting of pests, with multiple farm management features. This app is intended for Canadian field crops and will aid users to implement Integrated Pest Management (IPM) practices to agricultural operations. Current identification tools include insect pests of canola and wheat and weedy grasses of Western Canada. Real-time forecasting is currently for Bertha Armyworm (<i>Mamestra configurata</i>). Farm management tools include tracking of all crop activities, including seeding, harvesting, irrigation, finances, and pest management applications	Scouting, field scouting, field inspection, pests, disease, insects, weeds, field crops, farm management, field management, canola, wheat, armyworm	pest	Available on the App store and Google Play	IOS, android	Free	-	University of Manitoba	Google Play Store	Apple Store
Mid-Atlantic Early Detection Network	University of Maryland / University of Georgia / National Park Service / USDA / Invasive Plant Control, Inc	US	Georgia	Every year new invasive plants, insects and plant pathogens are found in the Mid-Atlantic region. These non-native invasive species threaten to undermine the health of our environment. More than an inconvenience, invasive plants and animals can greatly alter our native landscape, adversely impact native wildlife, destroy agricultural crops and threaten our health. Invasions of exotic species cost the United States over \$120 billion each year. The economic costs are small compared to the ecological ones. Our natural areas furnish us the water we drink, the air we breathe and countless recreational opportunities. These lands are vulnerable to invasion by exotic plant and animal species and these infestations continue to increase every year.	Invasive Species, Invasive Species monitoring	Conservation	Available on the App store and Google Play	IOS, android	Free	-	Bugwood Apps	Google Play Store	Apple Store
Outsmart Invasive Species	University of Massachusetts / Massachusetts Department of Conservation and Recreation / University of Georgia	US	Massachusetts / Georgia	The Outsmart Invasive Species project is a collaboration between the University of Massachusetts Amherst, the Massachusetts Department of Conservation and Recreation (MA DCR) and the Center for Invasive Species and Ecosystem Health at the University of Georgia. The goal of the project is to strengthen ongoing invasive-species monitoring efforts in Massachusetts by enlisting help from citizens. The web- and smartphone-based approach enables volunteers to identify and collect data on invasive species in their own time, with little or no hands-on training.	Invasive Species, Invasive Species monitoring	Conservation	Available on the App store and Google Play	IOS, android	Free	-	Bugwood Apps	Apple Store	Google Play Store
midwest Stink Bug	University of Minnesota / Purdue University	US	Minnesota / Indiana	Invasive stink bugs, such as the Brown marmorated stink bug and the Bagrada bug, are severe home and agricultural pests. They devastate many crops such as apple, peach, peppers and tomatoes and because they release a liquid which not only smells bad, but can stain surfaces, carpets and walls can require significant cleaning. Finding and tracking new invasive species can prevent large outbreaks in homes and on farms. There are native stink bugs, some of which are beneficial because they are predators of pests. It is crucial for farmers and homeowners to know if they have good or bad stink bugs. However, stink bugs can look very similar and are difficult to identify. This app provides high-resolution images and side-by-side comparisons of the most common stink bugs a homeowner or farmer would encounter to assist in identification. It also provides a user-friendly interface to report a suspected invasive stink bug to the appropriate state agencies.	Stinkbug, Brown Marmorated Stinkbug, Invasive, native, pests, insects	pest	Available in the App store and Google Play store	IOS, android	free	-	University of Minnesota Extension	Apple Store	Google Play Store
ID Weeds	University of Missouri	US	Missouri	This app lets you compile a "list of suspects" by inputting the characteristics that describe your unknown specimen. The ID Weeds app then provides information and corresponding images about possible taxonomic matches.	Weeds, Weed ID	Pest	Available on the App store and Google Play	IOS, android	Free	-	-	Google Play Store	Apple Store

Purdue Ag Apps Listing

GrassSnap	University of Nebraska	US	Nebraska	GrassSnap makes photo-monitoring a snap! Rangeland managers can quickly grab repeatable photo-monitoring data, and save it to their smart device. Data can easily be downloaded to a computer.	Rangeland, pasture management, grazing	Livestock	Available on the App store and Google Play	iOS, android	Free	-	University of Nebraska	Apple Store	Google Play Store
Grain Marketing Plan App	University of Nebraska	US	Nebraska	The Grain Marketing Plan smart phone application allows you to create grain marketing plans for corn, soybeans and winter wheat. The application updates you daily with new information allowing you to modify your plans based on current market conditions. Most importantly, this application helps you implement your plan by notifying you when it's time to market your grain.	Grain Marketing, markets, corn, soybeans, wheat, agriculture economics	Crops	Available on the App store and Google Play	iOS, android	Free	-	University of Nebraska	Apple Store	Google Play Store
Western Bean Cutworm Speed Scout App	University of Nebraska	US	Nebraska	Speed scouting is a new method for determining whether Western Bean Cutworm (WBC) populations have reached the action threshold for treatment.	western bean cutworm, threshold, treatment, scouting	Pest	Available on the App store and Google Play	iOS, android	Free	-	University of Nebraska	Apple Store	Google Play Store
CropWater	University of Nebraska	US	Nebraska	The Crop Water App was developed at the request of Nebraska Agricultural Water Management Network (NAWMN) participants. This app provides an easy way to estimate soil water status based on Watermark sensors installed at depths of 1, 2, and 3 feet. With these sensor readings, the Crop Water app will estimate the water used as well as what is still available for Nebraska soils. You can also see historic sensor readings and graph.	soil water, water use, water use efficiency, irrigation	Soil	Available on the App store and Google Play	iOS, android	Free	Requires Watermark sensors	University of Nebraska	Apple Store	Google Play Store
Aphid Speed Scout	University of Nebraska	US	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 more plants or if treatment is recommended.	aphid, threshold, treatment, scouting	Crops	Available on the App store	iOS	Free	-	University of Nebraska	Apple Store	-
AgriTools App	University of Nebraska	US	Nebraska	AgriTools provides easy access to location-specific climate and weather information important to the agricultural industry in Nebraska. Data from the High Plains Regional Climate Center, National Weather Service, and Nebraska State Climate Office allows the user to view recent data and forecasts for their current location or other desired locations. AgriTools also provides quick access to related University of Nebraska - Lincoln Extension apps and websites.	Climate, weather, forecasts, apps, Nebraska website	Weather	Available on the App store	iOS	Free	-	University of Nebraska	Apple Store	-
Market Journal App	University of Nebraska	US	Nebraska	Market Journal is an educational outreach effort presented by the University of Nebraska-Lincoln's Department of Agricultural Leadership, Education and Communication and UNL Extension. Hosted by Jeff Wilkerson and produced by Kurtis Harms, Market Journal provides: "current grain/livestock market commentary and analysis; *weather, climate, and soil moisture updates; *proven marketing and management ideas; *risk management strategies; *updates on current agricultural policy issues; *practical advice from seasoned, working producers; *opportunities to share information and ideas; and *access to the resources of the University of Nebraska-Lincoln Extension	News, weather, climate, soil moisture, marketing, risk management, agriculture policy, Nebraska Extension	News/Education	Available on the App store and Google Play	iOS, android	Free	-	University of Nebraska	Apple Store	Google Play Store
Harvest Test Weight Converter	University of Nebraska	US	Nebraska	Harvest Test Weight Converter is a helpful tool to work with your grain. It can assist you in determining crop shrink volumes of grain, in field estimation of crop yields, and volume of grain bins and grain piles.	Test Weight, grain, shrink, crop yields, grain bins	Crops	Available on Google Play	android	Free	-	University of Nebraska	Google Play Store	-
Land Lease Calculator	University of Nebraska	US	Nebraska	This app will assist the producer in collecting information that will help determine what might be charged for agricultural land leases. While the final decision of what will be charged is entirely up to the parties involved, this app will help to frame the discussion and provide insight into possibilities.	land lease, farm rent, cash rent,	Business	Available on Google Play	android	Free	-	University of Nebraska	Google Play Store	-

Purdue Ag Apps Listing

Texas Invaders	University of Texas / University of Georgia	US	Texas / Georgia	Using the Texas Invasives app, you can submit invasive species observations directly into the Texasinvasives.org statewide database with your mobile device. The observations are then validated by University of Texas at Austin Lady Bird Johnson Wildflower Center staff members. The data is also shared with the University of Georgia's Center for Invasive Species and Ecosystem Health's Early Detection and Distribution Mapping System, known as EDDMapS, to provide a more accurate picture of invasive species distribution on a national scale.	Invasive Species, Invasive Species monitoring	Conservation	Available on the App store and Google Play	iOS, android	Free	-	Bugwood Apps	Apple Store	Google Play Store
Fertilizer Cost Calculator	University of Wisconsin	US	Wisconsin	Estimates the value of Nitrogen per unit of Phosphorus source, along with the cost per unit of P205 with or without the Nitrogen value. All calculations based on entered cost per bulk.	Fertility, Fertilizer, NPK, Nitrogen, Potassium, Phosphorus, Phosphate, Potash, Sulfur, Sulphate	spraying/spreading	Website version only	web	Free	free	University of Wisconsin	-	-
Crop Calculators	University of Wisconsin	US	Wisconsin	The Crop Calculator is an application that allows farmers growing corn to calculate their grain yields, maturity dates, and silage price adjustments.	Corn, Soybean, Yields, maturity, GDD, GDU, silage	Crops	Available on the App store and Google Play	iOS, android	Free	-	University of Wisconsin	Apple Store	Google Play Store
Bean Cam - Soybean Replant	University of Wisconsin - Madison	US	Wisconsin	The Wisconsin Soybean Replant Calculator will calculate plant stand (population) by averaging five plant count samples randomly taken within a soybean field at the VC, V1 or V2 growth stage. The app will use that estimated stand count to calculate expected yield percent at harvest with and without spring replanting.	Soybean, Replant, Population, Yield Estimate	Crops	Available on the App store and Google Play	iOS, android	Free	-	University of Wisconsin	Apple Store	Google Play Store
SilageSnap	University of Wisconsin-Madison	US	Wisconsin	Have you ever wondered how well your corn silage kernel processor is working during harvest? SilageSnap allows you to check the particle size of corn kernels in your chopped and processed corn silage during harvest. The app utilizes an image processing algorithm to measure the particle sizes and provide a quantitative assessment of the kernel processing score in-field. This assessment is not meant to replace laboratory analysis of the harvested silage, but will provide a repeatable method for estimating Kernel Processing Score (KPS)	Silage, Corn Silage, particle sizes, kernel processing score	Crops	Available on the App store and Google Play	iOS, android	Free	-	University of Wisconsin	Apple Store	Google Play Store
Cover Crop Chart	USDA	US	-	The Cover Crop Chart is designed to assist producers with decisions on the use of cover crops in crop and forage production systems	Cover Crops, Forage	Conservation	downloadable from the USDA site, uses Adobe Acrobat	PDF	Free	-	-	USDA Agricultural Research Service	-
Grain Visual Reference Library	USDA	US	-	from the USDA, Visual Reference Images (VRI) are used to ensure consistent and uniform application of grading lines and illustrate types of damage in conjunction with written descriptions. The visual grading aids system represents the foundation for the national inspection system's subjective quality control program, providing an effective management tool for aligning inspectors and assisting them in making proper and consistent subjective grading decisions	Grain Grading, Grain inspection	Crops	Visual images are located at the website	web	Free	-	-	USDA Agricultural Marketing Service	-
PubAg	USDA	US	-	a portal to USDA-authored and other highly relevant agricultural research	Agriculture Research	News/Education	Portal is available at the website	web	Free	-	-	USDA PubAg	-
Crop Nutrient Tool	USDA	US	-	A tool for calculating the approximate amount of nitrogen, phosphorus, and potassium that is removed by the harvest of agricultural crops.	Fertilizer, Fertility, Nitrogen, Phosphorus, Potassium, Nutrient, Nutrient Removal, Corn, Soybean	spraying/spreading	Available for free on the web	web	Free	-	www.USDA.gov	USDA	-
SSURGO dataset information page	USDA, NRCS	US	-	The SSURGO database contains information about soil as collected by the National Cooperative Soil Survey over the course of a century. The information can be displayed in tables or as maps and is available for most areas in the United States and the Territories, Commonwealths, and Island Nations served by the USDA-NRCS	Soil Sampling, Soil Mapping	Soil	Travel to the link provided and download the map to any device	web	Free	-	University of Colorado: Community Surface Dynamics Modeling System	University of Colorado: Community Surface Dynamics Modeling System	-
Nitrogen Index	USDA-ARS	US	-	The Nitrogen Index App can be used to quickly make assessments of the effects of management decisions on nitrogen use efficiencies.	Fertility, Nitrogen, Nitrogen Use Efficiency, Farm Management	spraying/spreading	Available on Google Play	android	Free	-	www.USDA.gov	Google Play Store	-

Purdue Ag Apps Listing

FarmingGoat - Goat & Sheep Farm Record Keeping App	Walbro Software Pvt. Ltd	India	-	FarmingGoat app developed to maintain animal records of our own goat farm which is located in Chandrapur district of Maharashtra. We were looking for application that can help in managing employee functions along with keeping goat records including weight, vaccination, insurance but we couldn't find any suitable app that gives all functions. We decided to build our own app which not only keeps goat records online but also prints sales tag information that saves time during the sales process. Application designed after experiencing real problems in managing goat farms, employees and selling goats for farm owners and agents who buy goats from small villages and sell at market in big cities. In today's digital world, we can access goat information anytime anywhere just by scanning goat tag id or searching goat tag ID.	Livestock Management, Herd Management, Livestock Manager, Herd Manager, Goat Book, goat record keeping, goat.	Livestock	Available in the Google Play store	Android	free	-	Farming Goat	Google Play Store	-
WeatherUnderground: Forcasts	Weather Underground	US	-	View hyper-local weather forecasts in addition to interactive radar, satellite maps and severe weather alerts.	weather	Weather	Available in the App store and Google Play store	iOS, android	Free	in app purchases	Weather Underground	Apple Store	Google Play Store
Indiana Wildflowers	Wildflower Search	US	-	This App, which operates without an internet connection, helps find and identify plants. When you give the App information about a plant, such as its location, flower color and the time of year, the App will quickly show you which plants match your selections.	wildflowers, plant ID	News/Education	Available on the App store and Google Play	iOS, android	Free	-	Wildflower Search	Apple Store	Google Play Store
South Dakota Wildflower	Wildflower Search	US	-	This App, which operates without an internet connection, helps find and identify plants. When you give the App information about a plant, such as its location, flower color and the time of year, the App will quickly show you which plants match your selections. The App includes 1,999 species of plants found in South Dakota. Overall, 1,072 are "Wildflowers", 120 are shrubs, 64 are broadleaf trees, 8 are conifers, 21 are vines, 6 are cactus, 323 are grasses and sedges, 42 are ferns, 266 are lichen and 127 are moss	wildflowers, plant ID	News/Education	Available on the App store and Google Play	iOS, android	Free	-	Wildflower Search	Apple Store	Google Play Store
Soil Use & Management	Wiley Publishing	United Kingdom	-	Soil Use and Management publishes research papers, reviews, short communications and informed comment on the wide range of applications of soil science and provides an international forum for those applying scientific principles to understand and solve important soil problems as they affect crop production and environmental issues.	Soil, Soil Management, Soil Use, Soil Science	Soil	Available in the App store	iOS, web	Free	in app purchases. \$999.99/yr	Wiley Publishing	Apple Store	-
DropControl	Wiseconn Engineering	US	-	Know the exact condition of your farm using DropControl, a web/mobile solution that allows you to follow the weather and soil moisture conditions, and control your irrigation/fertigation system efficiently.	irrigation, soil moisture	Crops	Available on the App store and Google Play	iOS, android	Free	Yes, requires Wiseconn hardware	Wiseconn	Google Play Store	Apple Store
Trecker	Yara	US	-	Trecker is a farm management software that enables farmers to put an end to the paperwork associated with legal documentation. Via a smartphone app farmers document what happens on their fields. Every single recorded information is gathered in an online platform where they are properly documented and accurately analyzed, so farmers can save time and make data-driven business decisions.	Farm management	Business	Get into contact with Yara International about getting the smartphone app. Not on the iOS store. Record data that you want and it will do its thing, documenting and analyzing the data.	Contact Seller	Contact seller	Contact seller	Yara	Yara	-
Adapt-N	Yara	US	-	The Adapt-N tool is a user friendly, web-based nitrogen (N) recommendation tool for corn crops	Nitrogen, Fertility, Fertilizer, Nutrient Management	spraying/spreading	Contact information is available at the website, marketed by Yara	web	Contact seller	Contact seller	-	Adapt-N	-
Stock-Sale Calculator	Stock-Sale Calculator	US	-	This app is for use at Live Stock Auctions by both sellers and buyers. Start by entering the weight of the animal that is being presented for auction. Scroll the picker wheel to what you think the animal is worth. As you are scrolling, the calculator is constantly calculating the price per Kg. Alternatively you can scroll the price with the auctioneer and have the price per Kg calculated "live".	livestock, sellers, buyers, auctions	Livestock	Available on the App store	iOS	Free	in app purchases	Stock-Sale Calculator	Apple Store	-
Farm Management	Farm4Trade	Namibia	-	The Farm4Trade Farm Management app for livestock farming ensures unique identification of each animal, and keeps track of all their individual information related to genealogy, health status, productivity and more. You can easily plan, monitor and analyze all the activities in your farm with just a few clicks. This app is designed to help make your farm safer, more productive and more sustainable.	livestock, sustainability, livestock production, genealogy	livestock	Available on the App store, Google Play, and web	iOS, android, web	Free	-	Farm4Trade	Apple Store	Google Play Store

Purdue Ag Apps Listing

Spray	Ezi App	US	-	Regardless of the sector of Agriculture you are in, Spray App is a unique tool that will save time and money by streamlining information from the farm back to the office instantly.	Spray, Sprayer, Calibration, Pesticides, Herbicides, Fungicides, Insecticides, tips	spraying/spreading	Available on the App store	iOS	\$12.99	-	-	Apple Store	-
TractorPal 2.0	TractorPal, LLC	US	-	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. Built by farmers for farmers, this app will simplify your machine care in three ways: Tracking Inventory, Service, and emailing records	Equipment, machinery, maintenance,	Machinery	Available on the App store and Google Play	iOS, android	Free	in-app purchases	TractorPal	Apple Store	Google Play Store
Simplot Advisor	Agrian, Inc	US	-	Simplot Advisor provides crop advisors and growers with an innovative suite of precision agronomy and compliance tools. Seamless, real-time data syncing and full offline capabilities allow field-based users to remain informed and productive at all times.	Agronomy, crops, crop advisors, growers, precision agronomy, data	Crops	Available on the App store	iOS	Free	Requires subscription to Simplot Advisor account with advanced access	J.R. Simplot	Apple Store	-
Research POGO	Precision Planting, LLC	US	-	The POGO app was developed to be used with Precision Planting's PogoStick tool, for effectively measuring spacing, singulation, and emergence data. Now some of the same data that Precision Planting's 20/20 monitor collects during planting, can be extended to post-planting as well. With a straight-forward design and easy to navigate features, POGO allows users to capture the full story of each plant in the field.	stand counts, plant population, singulation, emergence	Crops	Available on the App store	iOS	Free	Requires Precision Planting PogoStick tool	Precision Planting	Apple Store	-
Ag Diesel Connect	Ag Diesel Solutions	US	Indiana	Allows users to connect to their Ag Diesel Solutions Module through Bluetooth. The Ag Diesel Connect App is your switch for the module, information center for your machine, and quick link to our website.	Diesel, Machinery, equipment, data, machine data	Machinery	Available in the Google Play store	Android	free	Connects only to Ag Diesel Solutions Module	Ag Diesel Solutions	Apple Store	Google Play Store
Phytech	Phytech Ltd. / Elul Tamarynd Ltd.	Israel	-	Phytech is an Ag-analytics company that develops plant-based applications for farming practices. Our flagship application implements the world's premier plant-based adaptive irrigation service.	data, irrigation, analytics	Crops	Available on the App store and Google Play	iOS, android	Free	Yes, Saas	Phytech	Apple Store	Google Play Store
AccuBin	Venture Measurement Co. LLC	US	-	Track your inventory and stay in control from almost anywhere with the AccuBin Mobile App. Manage inventory securely while in the office or on the go with your desktop computer or mobile device. AccuBin remote inventory system provides many features including accurate and repeatable weight readings, time to empty and consumption rates for each bin on demand.	Grain, Grain Monitoring, grain bin, grain temperature, IoT, Grain Bin monitoring	Crops	Available on the App store and Google Play	iOS, android	Free	Yes, requires Venture Measurement nodes and gateway	Venture Measurement	Apple Store	Google Play Store
Harvest Point	Harvest Point	US	-	Harvest Point is a mobile farm management system for agricultural businesses. You can use this app with our cloud services to track activities such as picking of raw goods in the field to managing inventory in your shed locations.	food traceability, inventory management, fruit, vegetables, produce	Business	Available on the App store	iOS	Free	For maximum use a label printer is required	Harvest Point	Apple Store	-
TeleSense	TeleSense	US	-	The TeleSense app is your command center for monitoring and preserving your stored grain. Used in conjunction with TeleSense sensors and temperature cables, this application enables you to check on the condition of your stored grain 24/7 from anywhere in the world. The TeleSense app will also alert you if it detects problems with your stored grain, so you can make decisions and take action quicker. With historical trend charts, you can also detect patterns in your grain storage so you can continue to maximize your yield quality year after year.	Grain, Grain Monitoring, grain bin, grain temperature, IoT, Grain Bin monitoring	Crops	Available on the App store and Google Play	iOS, android	Free	Requires TeleSense Sensors and temperature cables	TeleSense	Apple Store	Google Play Store
Solinftec	Solinftec, Inc	Brazil	-	Solinftec is a digital agriculture technology company, unyielding in its long-term commitment to improving the worldwide food chain, with a mission to continuously leverage and invest in cutting-edge technology to increase farm efficiency while subsequently contributing to longer-term sustainability. Today, Solinftec solutions are utilized across 10+ countries worldwide and the corporation is recognized as a global AgTech innovation leader.	machine data, AI, artificial Intelligence, logistics	Machinery	Available on the App store	iOS	Free	Yes, Saas	Solinftec	Apple Store	-

Purdue Ag Apps Listing

Alice -AI Assistant	Solinftec, Inc	Brazil	-	Alice was developed with the purpose of assisting SGPA ("Sistema de Gerenciamento de Processos Agrícolas" in Portuguese) users with navigation and data presentation of the named software. It is important to emphasize that the use of the bot is exclusive to SGPA users and does not, and does not intend to, have any utilities, nor functionality, outside the scope of the said software.	AI, Artificial Intelligence, navigation, logistics	Machinery	Available on the App store and Google Play	iOS, android	Free	Yes, Saas	Solinftec	Apple Store	Google Play Store
Manure Tracker	University of Wisconsin	US	Wisconsin	The Manure Tracker app allows you to record manure applications on a field by field basis. By creating a list of field names specific to your farm, each manure application is saved to your smartphone and can be sent as a .csv file to an email address for further record management and safe keeping.	manure, manure application, crop nutrients, manure storage, fertilizer, fertility	spraying/spreading	Available on the App store and Google Play	iOS, android	Free	-	University of Wisconsin	Google Play Store	Apple Store
Sporecaster	University of Wisconsin	US	Wisconsin	The purpose of Sporecaster is to assist farmers in making management decisions for white mold in soybean. The best time to manage white mold is during flowering (R1 and R2 growth stages) when apothecia (small, mushroom-like structures) are present on the soil surface. Apothecia release spores which infect senescing soybean flowers, leading to the development of white mold. University research has indicated that the appearance of apothecia can be predicted using several variables including weather and amount of soybean row closure in a field. Based on this research, models have been developed to forecast the risk of apothecia being present in a soybean field. Farmers can easily input site-specific information about their soybean field into this app, which combines this information with the research-based models to predict the best timing for white mold treatment or if treatment is even needed at the time.	White Mold, Soybean, Sclerotinia, spores, fungicide, disease	Crops	Available on the App store and Google Play	iOS, android	Free	-	University of Wisconsin	Apple Store	Google Play Store
Sporebuster	University of Wisconsin	US	Wisconsin	When a fungicide application is needed to control white mold in soybeans, Sporebuster can help determine a profitable program. You enter your expected soybean price, expected yield, and treatment cost. Sporebuster instantly compares ten different treatment plans at once to determine average net gain and breakeven probability of each. You can mark, save and share by email, the best plans for your farming operation.	White Mold, Soybean, Sclerotinia, spores, fungicide, disease, ROI, economics, break even	Crops	Available on the App store and Google Play	iOS, android	Free	-	University of Wisconsin	Apple Store	Google Play Store
NCGA Action	National Corn Growers Association	US	-	The NCGA Action application provides supporters with tools and information to educate and inform others about corn.	Corn, Agriculture Policy, Advocacy	News/Education	Available on the App store and Google Play	iOS, android	Free	-	National Corn Growers Association	Apple Store	Google Play Store
Hemp.IM	Hemp.IM	US	-	also cover salient topics like the Hemp Farm Bill, the legality of hemp, the various health benefits of hemp as well as the multitude of products made from hemp: hemp shampoos, hemp conditioners, hemp tea, hemp paper, hemp backpacks, hemp oil, hemp bracelets, hemp beer, hemp houses, hemp shoes, hemp t-shirts, hemp creams, hemp water, hemp for dogs, hemp for cats, hemp honey, hemp jewelry, water soluble hemp powder and more.	Hemp, Advocacy, news,	News/Education	Available on the App store and Google Play	iOS, android	Free	-	Hemp	Google Play Store	Apple Store
Hay App	Harvest Tec	US	-	The Hay App from Harvest Tec is a convenient tool to control your Automatic Hay Preservative Applicator with an iPad on your John Deere, New Holland, Case IH, AGCO, or other brand of hay baler, as well as immediate access to operators manuals, repair parts, and hay preservative info at the touch of a finger. The Hay App gives you all the same features as the prior generation Touch Screen Display through a Bluetooth connection on your iPad or iPad Mini. Making the highest quality hay has never been easier!	Hay, Hay Production, forage	Crops	Available on the App store	iOS	Free	Requires Harvest Tech monitors	Harvest Tec	Apple Store	-
Hay Map	Hay Map	US	-	Hay Buyers: Find Hay, Read Reviews, View Photos, Pricing, Available Quantity, Hours of Operation and more to make an informed hay purchasing decision. If hay is not currently available in your area you can use the Hay Wanted Form to be contacted by a HayMap partner nearby or even turn on Hay Alerts to be notified when new listings are posted nearby. Hay Sellers: List hay for sale and connect with hay buyers needing hay or contact buyers with active "Hay Wanted" ads on HayMap.	Hay, Hay Production, forage, marketplace	Crops	Available on the App store and Google Play	iOS, android	Free	-	Hay Map	Google Play Store	Apple Store

Purdue Ag Apps Listing

Corn Silage Pricing	Smart mAPPS Consulting	US	-	buying or selling corn silage, UW-Extension agriculture agents Greg Blonde and Ryan Sterry teamed up to develop a new free Android app that can quickly estimate the value of standing corn silage. It's based off a detailed spreadsheet Sterry developed with input from several state Extension specialists (Shaver, Lauer, Linn). The app includes links to current corn and hay market prices and then allows users to enter their own yield estimates and harvest costs, as well as the difference in the value of soil fertility removed from the field when harvested as whole plant silage versus corn for grain, to determine a standing value per acre.	Silage, Corn Silage, silage price	Crops	Available on the App store and Google Play	iOS, android	Free	-	Smart mAPPS Consulting	Apple Store	Google Play Store
Hay Pricing	Smart mAPPS Consulting	US	-	This app was developed to help farmers and landowners more easily determine the price of hay, as well as negotiate the sale or purchase of standing hay. This app can also be used to look-up historical hay price information.	Hay, Hay Production, forage, Hay Price	Crops	Available on the App store and Google Play	iOS, android	Free	-	Smart mAPPS Consulting	Apple Store	Google Play Store
ADM FarmView	Archer Daniels Midland Company	US	-	Producers will find ADM FarmView extremely beneficial in staying up-to-date on commodity bids and elevator announcements & details. Producers will wonder how they survived before without having their operation's details at the tips of their fingers including information on their deliveries, contracts, payments, storage, delayed pricing and even more! Archer Daniels Midland is pleased to provide FarmView to their Producers and Merchandisers to increase their productivity and assist in managing their operations.	cash bid, deliveries, contracts, payments, delayed pricing, grain merchandising	Crops	Available on the App store and Google Play	iOS, android	Free	Works only with ADM locations	Archer Daniels Midland Company	Apple Store	Google Play Store
Select-a-Herbicide	Purdue University	US	Indiana	a web tool to aid in the herbicide selection process by listing herbicides and the weeds listed on their labels for application on within the major crops grown in Indiana. Selections that have an efficacy rating of 'Labelled' have weeds that appear on the herbicide's label.	Herbicides, Weed, weed management, Herbicide selection	Crops	web only	web	Free	-	Purdue University	-	-
LeafByte	Zoe Getman-Pickering	US	-	LeafByte measures leaf area and herbivory quickly and accurately. Take a picture of a leaf and a scale to measure total leaf area and leaf area consumed.	Insects, herbivory, leaf consumption	Crops	Available on the App store	iOS	free	-	Leafbyte	Apple Store	-
Comparison Of Conventional And Organic Crop Rotations	Purdue University	US	Indiana	This spreadsheet compares conventional and organic rotations over a ten-year horizon. Specifically, net returns are compared for a conventional corn/soybean rotation, a conventional corn/soybean/wheat rotation, and an organic corn/soybean/wheat rotation.	Conventional Crops, Organic Crops, Net returns	Business	web only	Web	Free	-	Purdue University	-	-
Comparison Of Conventional Crop Rotation With An Organic Forage-Based Crop Rotation	Purdue University	US	Indiana	This spreadsheet compares conventional crop rotation with an organic forage-based crop rotation over a ten-year horizon.	Conventional Crops, Organic Crops, Net returns, Business crop rotation	Business	web only	Web	Free	-	Purdue University	-	-
Pro Forma Financial Statements	Purdue University	US	Indiana	A spreadsheet to create pro-forma income and sources and uses of funds statements, and to compute repayment capacity and liquidity measures.	pro-forma income, repayment capacity liquidity	Business	web only	Web	Free	-	Purdue University	-	-
Long-Run Cash Rent	Purdue University	US	Indiana	Examine breakeven prices, earnings per acre, breakeven cash rents, and trends in working capital with this spreadsheet tool.	breakeven, earnings per acre, working capital, cash rent	Business	web only	Web	Free	-	Purdue University	-	-
Measuring & Analyzing Farm Financial Performance	Purdue University	US	Indiana	Compute accrual net farm income, and key financial ratios and repayment capacity measures from Schedule F information and beginning and ending balance sheets.	net farm income, financial ratios, repayment capacity, schedule F, balance sheets, finance	Business	web only	Web	Free	-	Purdue University	-	-
Silage / Earlage Decision Aid	South Dakota State University	US	South Dakota	This South Dakota State University Extension Silage/Earlage Calculator is designed to help corn and livestock producers answer questions regarding the value of standing fields of corn either as grain, silage and earlage.	Silage value, earlage value	Business	web only	Web	Free	-	Purdue University	-	-
Corn Silage Production Budget	The Ohio State University	US	Ohio	This Ohio State University spreadsheet calculates a corn silage production budget. Without some form of budgeting and some method to track your enterprises' progress you'll have difficulty determining profitability and if you've met your goals for the farm.	Silage value, earlage value	Business	web only	Web	Free	-	Purdue University	-	-

Prevented Planting And Replant Decisions	Purdue University	US	Indiana	With corn and soybean planting in the Eastern Corn Belt behind schedule, many farmers are dealing with prevented planting and replant decisions. In response, we have put together materials pertaining to these decisions.	Prevent plant, replant, cost per acre Business	web only	Web	Free	-	Purdue University	-	-
Long-Term Cash Rent Decisions Using A Cash Rent Decision Tool	Purdue University	US	Indiana	Recorded December 18, 2015 A demonstration of use of a cash rent spreadsheet tool to calculate breakeven cash rents, compare the breakeven cash rent to local market rents, compute the market rate premium (if any) above the breakeven rate and the impact paying premiums could have on a farm's liquidity over the course of the next five years.	cash rent, farm rent, alternative rent, agriculture economics Business	web only	Web	Free	-	Purdue University	-	-
Evaluating Your Farmland Rental "Options"	Purdue University	US	Indiana	Gross revenues for most Indiana corn and soybean farms reached unprecedented levels during 2006 through 2013, but declined sharply in 2014 and 2015. The revenue decline, which will be exacerbated on many Indiana farms by yield reductions caused by this spring and summer's excessive rainfall, is putting tremendous pressure on operating margins.	Gross revenues, revenue, revenue decline, operating margins, yield Business	web only	Web	Free	-	Purdue University	-	-