Weed, Disease, and Pest Identification

App	Details
Ag PhD Corn Diseases	**Available from:** Ag PhD **Operating system**: Android / iOS **Description**: Disease identification and diagnostic guide for corn. Content includes disease description, symptoms, and similar diseases, conditions that favor a disease, and suggested management options. Save common diseases for a farm. **Cost**: Free **Account needed?** No
Ag PhD Soybean Disease	**Available from:** Ag PhD **Operating system**: Android / iOS **Description**: A guide to soybean diseases and diagnosing the disease. Same features as the Corn Disease app. **Cost**: Free **Account needed?** No
Ag PHD Field Pest	**Available from:** Ag PhD **Operating system**: Android / iOS **Description**: A guide to assist identifying pests. Browse weeds by name or by image plus provides agronomic information and guidance. Save common pests for a farm. **Cost**: Free **Account needed?** No
ID Weeds	**Available from:** University of Missouri Extension **Operating system**: iOS **Description**: Search weeds by their common or Latin name, view a list of weeds, or ID weeds based upon features. **Cost**: Free **Account needed?** No
IPM Toolkit	**Available from:** University of Wisconsin Integrated Pest Management Tools **Operating system**: Android / iOS **Description**: 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. **Cost**: Free **Account needed?** No
K Gallery	**Available from:** International Potash Institute Tools **Operating system**: Android / iOS **Description**: Dozens of high quality original photos showing typical response of various crops to the application of potash fertilizer, and potassium deficiency symptoms in leaves. **Cost**: Free **Account needed?** No

PestXpert	**Available from:** Bayer **Operating system**: Android / iOS **Description**: 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. **Cost**: Free **Account needed?** No

Crop Protection Info

App	Details
Ag PHD Modes of Action	**Available from:** Ag PhD **Operating system**: Android / iOS **Description**: Browse herbicides, pesticides, and fungicides. View and read about active ingredients, labels, and safety information. Suggests pesticide plans. **Cost**: Free **Account needed?** No
Agrian Mobile App	**Available from:** Agrian Inc. **Operating system**: iOS **Description**: Access an extensive and global database for crop protection products. Also provides 5-day weather forecast and Agrian news. **Cost**: Free **Account needed?** No

Tank Mix and Equipment Setup

App	Details
Tank Mix Calculator	**Available from:** TapLogic, LLC **Operating system**: Android / iOS **Description**: Quickly generate tank mixes based on product and spray characteristics. Contains over 14,000 chemicals along with the ability to input your own. **Cost**: Free **Account needed?** No
Mix Tank	**Available from:** Precision Laboratories, Inc. **Operating system**: Android / iOS **Description**: 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. **Cost**: Free **Account needed?** No
Mix My Sprayer	**Available from:** Clemson University **Operating system**: Android / iOS

App	Details
	Description: Tank mix calculator for specific spray applications. Search by category, products, or codes. Calculated mix and user settings can be saved. **Cost**: Free **Account needed?** No
TankMix Calculator	**Available from:** DuPont **Operating system**: iOS **Description**: Calculates the ratio and amount of product needed to treat a field specifying product amount based on tank size and amount of carrier required. **Cost**: Free **Account needed?** No
Spray Guide	**Available from:** Precision Laboratories Inc. **Operating system**: Android **Description**: 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. **Cost**: Free **Account needed?** Yes
ApplyPlus	**Available from:** John Deere **Operating system**: iOS **Description**: Quick-reference overview of key adjustments, maintenance, and operation of R4023, R4030, R4038, and R4045 sprayers. **Cost**: Free **Account needed?** No
AgLogic Mobile	**Available from:** John Deere **Operating system**: Android / iOS **Description**: Syncs with the AgLogic web application to provide a complete logistics solution for custom application industry. Requires license to activate account. ***License sold separately.** **Cost**: Free **Account needed?** Yes

Nozzle Selection

App	Details
TeeJet SpraySelect	**Available from:** TeeJet Technologies **Operating system**: iOS **Description**: Provides a listing of suggested tips for a specific spray operation including drop size information. **Cost**: Free **Account needed?** No
Spray It	**Available from:** Pentair Flow Technologies LLC **Operating system**: Android / iOS **Description**: Tip suggestions based on

App	Details
Kuhn-Nozzle Configurator	product label. Search by chemical name or company. **Cost**: Free **Account needed?** No
	Available from: KUHN SA **Operating system**: Android / iOS **Description**: Helps select correct spray tip for product and application requirements (working speed, flow rate, etc.) **Cost**: Free **Account needed?** No
John Deere Nozzle Select	**Available from:** John Deere **Operating system**: Android / iOS **Description**: Helps select the correct spray tip based on product and spray application requirements. **Cost**: Free **Account needed?** No
Sprayer Calibration Calculator	**Available from:** by University of Illinois **Operating system**: iOS **Description**: Helps calibrate a sprayer (aerial and ground-based including turf and boomless setups). Determines flow rate, how to split rate among various orifices, and computes pressure. Calculates max and min ground speeds. **Cost**: Free **Account needed?** No
Spray Tips Guide	**Available from:** Ag PhD **Operating system**: Android / iOS **Description**: Tip selection tool based on equipment and spray operation. Select by chemical company or product name to obtain suggestions based on product label. **Cost**: Free **Account needed?** No

Scouting

App	Details
Ag PHD Scout	**Available from:** Ag PhD **Operating system**: Android / iOS **Description**: Record pests, diseases, and weeds when scouting. Able to collect images, create GPS boundaries, and diagnose field issues while geotagging problem areas. Syncs with desktop application. **Cost**: $299+ **Account needed?** Yes
Trimble Ag Mobile	**Available from:** Trimble Navigation Limited **Operating system**: Android / iOS **Description**: Field record keeping, crop scouting, mapping, grid sampling and

	management of crop inputs. **Cost**: Free **Account needed?** No
Agralogics 	**Available from:** Agralogics Inc **Operating system**: iOS **Description**: Record field observations and share with consultants. Upload images and geotag field observations. Includes weather information. **Cost**: Free (*fees after trial period) **Account needed?** Yes
AgraScout 	**Available from:** Neucadia **Operating system**: Android / iOS **Description**: Supports crop scouting. Geo-tagged pins for tracking weeds, pests, and crop diseases. Capture images and record comments that can be shared with others. **Cost**: Free **Account needed?** Yes
AgriSite IPM 	**Available from:** AgSync Inc. **Operating system**: iOS **Description**: 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.) **Cost**: Free **Account needed?** Yes
FarmLogs 	**Available from:** AgriSight Inc. **Operating system**: Android / iOS **Description**: Provides precipitation reports for individual fields, record field operations and access crop history for all fields. Record scouting observations and images. **Cost**: Free **Account needed?** No
FARMserver 	**Available from:** Beck's Hybrids **Operating system**: iOS **Description**: Requires use of web tool. View and edit field data on-the-go. Includes weather information. (*yearly fee) **Cost**: Free **Account needed?** Yes
Purdue Extension Corn & Soybean	**Available from:** Purdue University **Operating system**: iOS **Description**: Provides a range of tools and information to support corn and soybean management. **Cost**: $12.99 **Account needed?** No

Field Guide	
ScoutDoc	**Available from:** AgNition Inc. **Operating system**: Android / iOS **Description**: Field scouting tool providing GPS mapping features, document field information and saves all captured information. **Cost**: $50.07 **Account needed?** Yes
Landscout 2	**Available from:** Satshot **Operating system**: iOS **Description**: Viewing tool for Satshot purchased imagery. Can collect images during scouting and geotag. **Cost**: Free **Account needed?** Yes
Ag Leader AgFiniti Mobile	**Available from:** Ag Leader Technology **Operating system**: iOS **Description**: 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. (*Requires license to access account.) **Cost**: Free **Account needed?** Yes
CropRecords	**Available from:** Croptimistic Technology Inc. **Operating system**: Android / iOS **Description**: Crop record keeping software for consultants and farmers. **Cost**: Free **Account needed?** Yes
Agworld Scout	**Available from:** Agworld **Operating system**: iOS **Description**: Create and complete in-field scouting of crop health, pest pressure and more. Requires use of web tool. (*Premium versions are available at additional costs.) **Cost**: Free **Account needed?** Yes
Plantix	**Available from:** PEAT GmbH **Operating system**: Android **Description**: Diagnostic tool for fruits, vegetable and field crops. Capture images of damaged crops and receive instant diagnosis on plant problems. Regional treatment suggestions provided. **Cost**: Free **Account needed?** Yes

Soil Test Pro	**Available from:** TapLogic, LLC **Operating system**: Android / iOS **Description**: 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. **Cost**: Free **Account needed?** Yes
FarmPad	**Available from:** TapLogic, LLC **Operating system**: Android **Description**: 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. (*FarmLogic customers only) **Cost**: Free **Account needed?** Yes
MapShots AgStudio Map	**Available from:** MapShots Inc. **Operating system**: iOS **Description**: 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. **Cost**: Free **Account needed?** Yes
E4 Field Notes	**Available from:** E4 Crop Intelligence, LLC **Operating system**: iOS **Description**: 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. **Cost**: Free **Account needed?** Yes
Soybean Field Scout	**Available from:** Purdue University **Operating system**: Android / iOS **Description**: Provides built-in calculators for determining plant populations, making replant decisions, estimating yields, limestone recommendations, phosphorus recommendations, and potassium recommendations. There's even a section to add field notes. **Cost**: $5.99 **Account needed?** No

Corn Field Scout	**Available from:** Purdue University **Operating system**: Android / iOS **Description**: The Purdue Extension Corn Field Scout provides built-in calculators for determining plant populations, making replant decisions, estimating yields, limestone recommendations, phosphorus recommendations, and potassium recommendations. There's even a section to add field notes. **Cost**: $5.99 **Account needed?** No
NDSU Pest Management	**Available from:** NDSU Pest Management **Operating system**: Android / iOS **Description**: 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. **Cost**: Free **Account needed?** No
LiveFarmer Pro	**Available from:** Lily Esperance Pty Ltd **Operating system**: Android / iOS **Description**: 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. **Cost**: Free **Account needed?** Yes
Pesticide and Field Records	**Available from:** Iowa State University **Operating system**: Android / iOS **Description**: 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. **Cost**: Free **Account needed?** No