

## Agricultural Mobile Apps: A review and update of ID apps

In recent years, several institutions have developed mobile applications (or “apps”) for tablets and smartphones with the goal of providing a service to all end users. The agricultural sector has taken a similar path, producing new apps for mobile devices (so called “Ag-Apps”) for agricultural consultants and producers with educational materials and support tools. There is an increasing interest in these “Ag-Apps” and the use of new technologies for increasing the efficiency in communicating and decision-making.

This summary provides a review and update of the current status of Ag-Apps. To check the 2014-15 summary article see: [2014-15 Ag-Apps Summary](#)

Note: Most of the apps presented in this series of articles are free to download. Before paying for any app, please check online reviews or consult with any specialist working with that app or someone familiar with the app in order to understand its potential benefits and how it can assist you in your daily farming operation. As a general rule, an app needs to be “easy to use” and “intuitive.” Most apps do not come with a user guide or a manual. Take all these points into consideration before downloading and using apps.




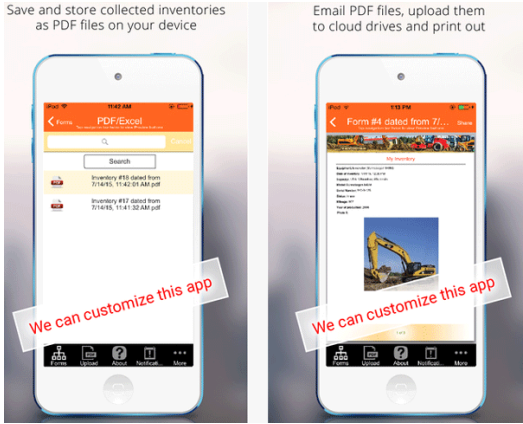
### Ag-Apps Classification:

For this series of articles, Ag-Apps are grouped into the following ten classifications with the goal of dividing apps by their different uses and purposes:

- **ID Apps:** For identification purposes (weeds, insects, diseases, and nutrients)
- **CALC Apps:** For calculating purposes (nutrient removal calculations, tank mixes, volume to spray, etc.)
- **SCOUT Apps:** For scouting purposes or for geo-positioning (soil sampling, recording notes, soil types, etc.).
- **ECON Apps:** For checking grain prices, market evolutions, fertilizer price trends, news and finances.
- **GUIDE Apps:** For diagnosing crop production issues in the field, primarily related to field guides (crop management: insect, disease, weed, and more).
- **LIVESTOCK Apps:** Apps related to the animal side, nutrition, health, and information on markets.
- **IRRIGATION Apps:** Apps related to field crop irrigation and water application.
- **MACHINERY Apps:** Apps for associated with agricultural equipment preparation, inventory, providing information of the machine.
- **GAG Apps:** GAG (general Ag-Apps) for general use, weather-related, for meetings, for reading magazines, among several other Apps’ properties.
- **NON-AG Apps:** For general use from e-readers to calculators, email, calendar, picture editing, and more.

## 7. Machinery Apps

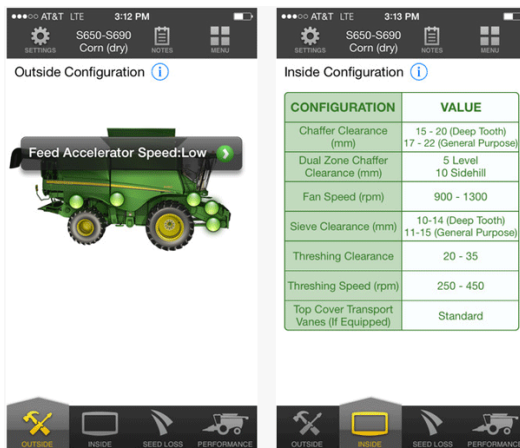
Apps for agricultural equipment selection and operation.

MOBILE AGRICULTURAL APPS – REVIEW from KSUCROPS ©Kansas State University			
Machinery Apps			
Name of App and Source	Picture	Brief description and cost	Download
<p>AgCommand</p>  <p>AGCO Corporation</p>		<p>This app allows you to monitor your fleet from anywhere, at any time.</p> <p>FREE</p>	<p><a href="#">iOS</a></p>
<p>Heavy Equipment Inventory App</p>  <p>Snappii</p>	<p>Save and store collected inventories as PDF files on your device</p> <p>Email PDF files, upload them to cloud drives and print out</p>  <p>We can customize this app</p> <p>We can customize this app</p>	<p>This app allows you to manage equipment inventory, sync data across multiple devices, store collected data on your own device, and capture photos.</p> <p>FREE</p>	<p><a href="#">iOS</a></p> <p><a href="#">Android</a></p>

### GoHarvest



John Deere



GoHarvest suggests initial settings for the combine model selection and crop type. A seed loss calculator function is available to calculate seed losses.

FREE

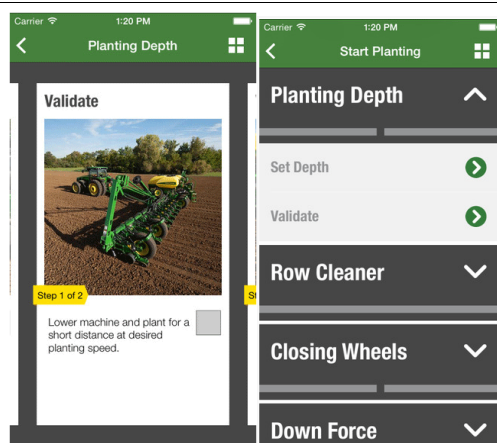
[iOS](#)

[Android](#)

### GoPlant



John Deere



The GoPlant app gives you the ability to optimize your machine as you enter the planting season. GoPlant suggests initial settings to help get you started right.

FREE

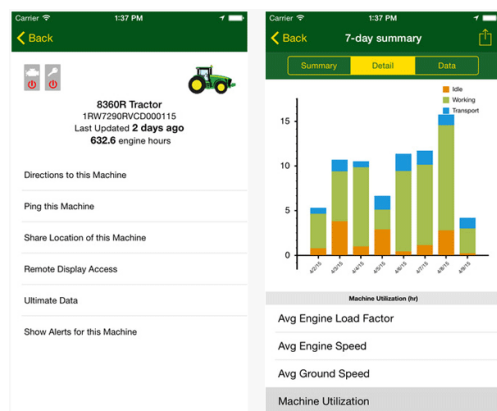
[iOS](#)

[Android](#)

### JDLink



John Deere



This app is John Deere's telematics system designed for customers who desire to take their operation to the next level of productivity.

FREE

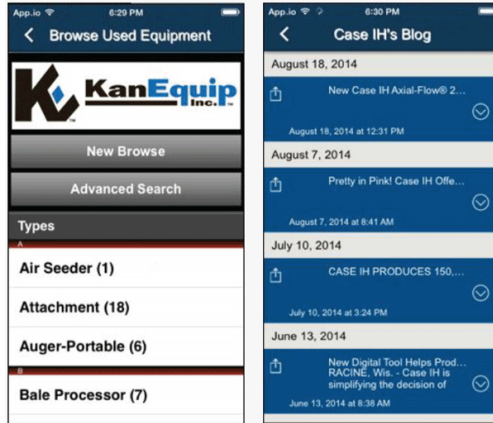
[iOS](#)

[Android](#)

KanEquip



KanEquip (Angela Janzen)



This app allows you to find any location via GPS, check parts and inventory lists, add pictures of your crops or equipment, and get information about the equipment.

FREE

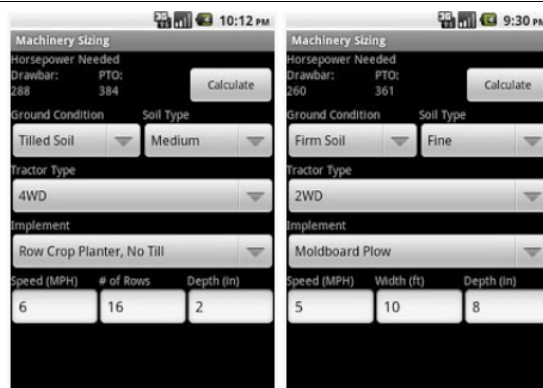
[iOS](#)

[Android](#)

Machinery Sizing



K-State Research and Extension



Quickly estimate tractor horsepower needed to pull various implements. Select ground and soil conditions, tractor type, pulling speed, working depth, and size of the implement.

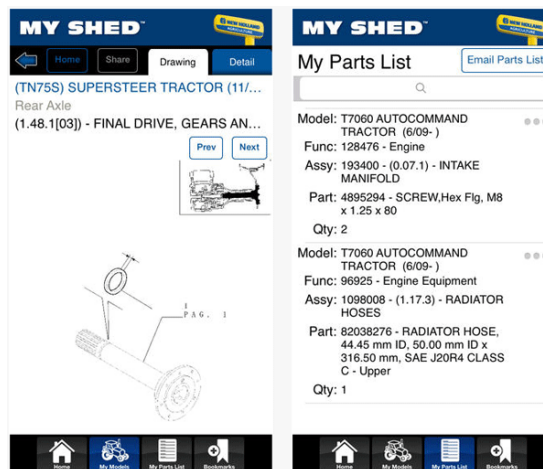
FREE

[Android](#)

New Holland Agriculture MyShed



New Holland Agriculture



This app provides engineering parts manuals, assembly diagrams, and part number lists for all machines. It also allows you to send a parts list and image to your dealer.

FREE

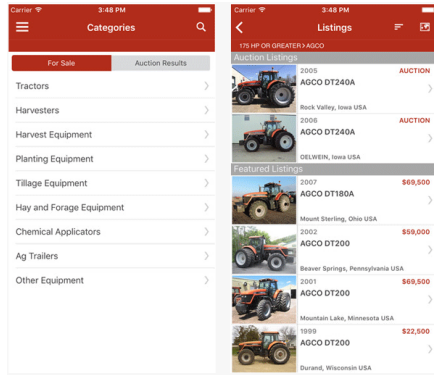
[iOS](#)

[Android](#)

### TractorHouse



Sandhills Publishing



This app features thousands of listings from hundreds of dealers through North America. It lets you drill down instantly to the equipment category, make, and model.

[iOS](#)

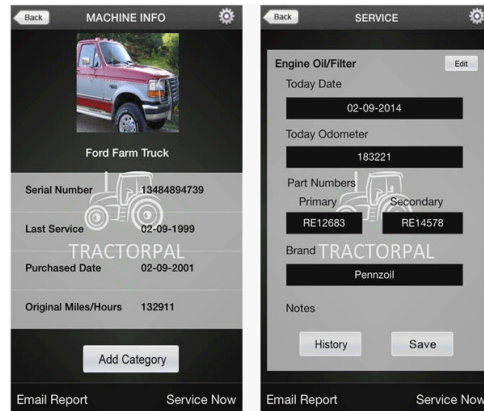
FREE

[Android](#)

### TractorPal



Keith King



This app will simplify your machinery care in three ways. It will track your inventory, track your service, repair records, and have email reminders of maintenance needs.

[iOS](#)

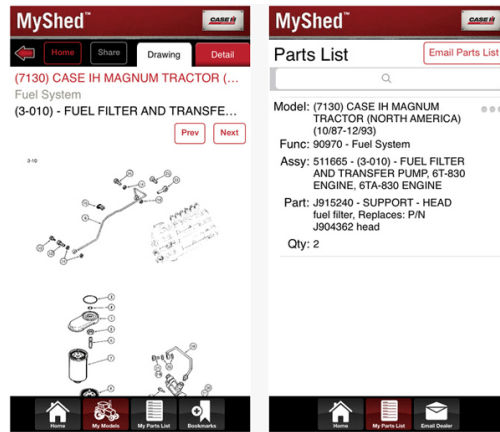
FREE

[Android](#)

### CaseIH MyShed



Case IH


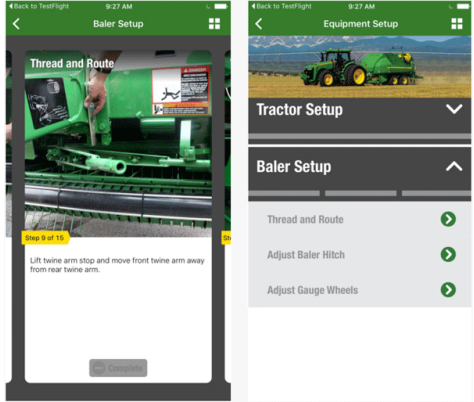

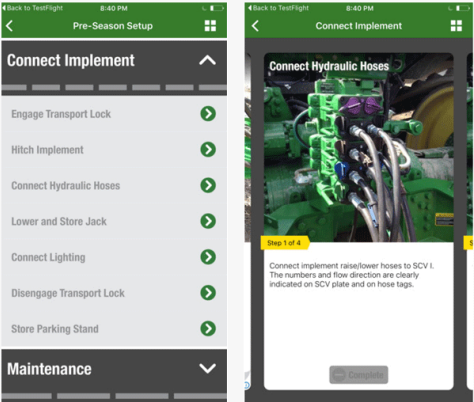

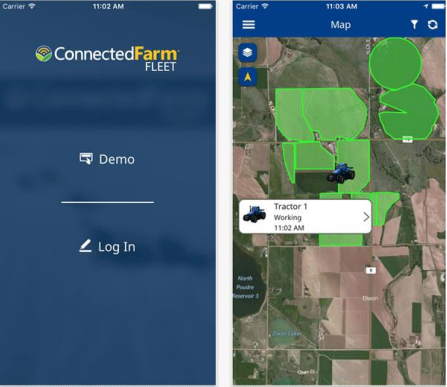



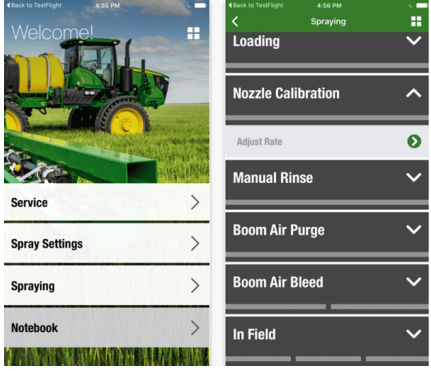
This app provides parts manuals, assembly diagrams, and part number lists for different equipment. It also allows you to send a parts list and image to your dealer.

[iOS](#)

FREE

[Android](#)

<p>GoBale</p>  <p>JOHN DEERE</p> <p>John Deere</p>		<p>This app gives John Deere baler equipment operators the ability to optimize their machine through proper equipment and monitor setup, as well as maintenance and in-field procedures.</p> <p>FREE</p>	<p><a href="#">iOS</a></p> <p><a href="#">Android</a></p>
<p>GoTill</p>  <p>JOHN DEERE</p> <p>John Deere</p>		<p>This guide is intended to provide a quick-reference overview of key adjustments, maintenance, and operation. Users can record operations and save them.</p> <p>FREE</p>	<p><a href="#">iOS</a></p> <p><a href="#">Android</a></p>
<p>Connected Farm Fleet</p>  <p>Trimble Navigation Limited</p>		<p>This app is a powerful management tool for viewing live equipment GPS locations and current status.</p> <p>FREE</p>	<p><a href="#">iOS</a></p> <p><a href="#">Android</a></p>



<p>GoSpray</p>  <p>John Deere</p>		<p>This app gives John Deere application equipment operators and technicians the ability to optimize their machine through proper set-up and maintenance procedures.</p> <p>FREE</p>	<p><a href="#">iOS</a></p> <p><a href="#">Android</a></p>
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### 9. General Agriculture Apps

Apps for agricultural equipment selection and operation.

*MOBILE AGRICULTURAL APPS – REVIEW from KSUCROPS ©Kansas State University*

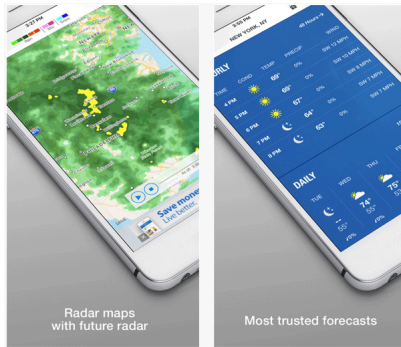
#### General Agriculture Apps

Name of App and Source	Picture	Brief description and cost	Download
<p>Farming Weather Forecast and Services</p>  <p>New Holland Agriculture</p>		<p>This app provides weather forecasts dedicated to agriculture, evapotranspiration, degree days, and an almanac to compare averages of the same period.</p> <p>FREE</p>	<p><a href="#">iOS</a></p> <p><a href="#">Android</a></p>

The Weather Channel



The Weather Channel Interactive



This app provides accurate weather information and precise forecasts.

FREE

[iOS](#)

[Android](#)

Intellicast Weather



WSI Corp.

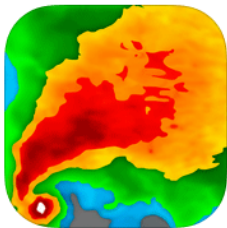


This app provides forecast information for the next 24 hours and 10 days, tracks severe storms using advanced radar, and even plots earthquakes in real-time.

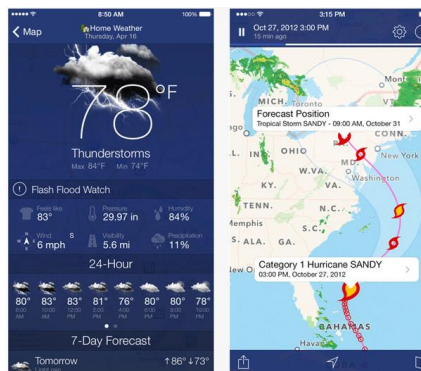
FREE

[Android](#)

NOAA Radar Pro



Apalon Apps



This app provides real-time animated weather radar images, with severe weather warnings and alerts.

\$2.99

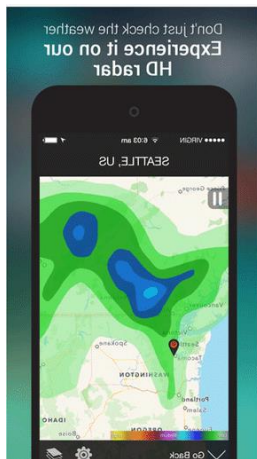
[iOS](#)



iWeather



r3app, Inc.



This app is very interactive and easy to use, giving you all you could need to know about the weather.

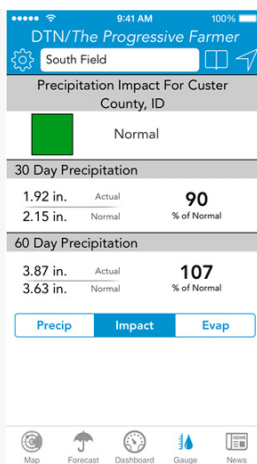
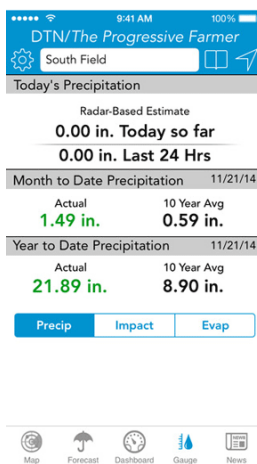
FREE

[iOS](#)

DTN: Ag Weather Tools



Televent DTN, LLC



This app provides weather data, plus a rain gauge to track historical rain data on each field.

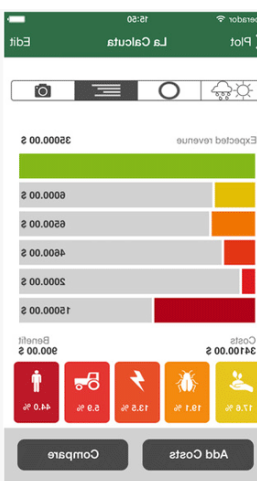
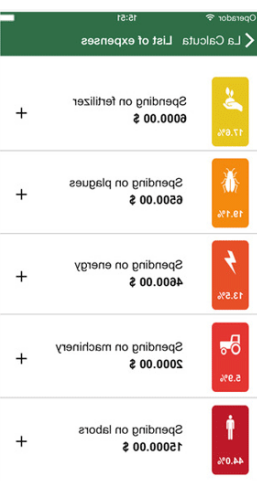
FREE

[iOS](#)

vrain



Visualnacet S.L.



vrain is a useful app for providing the weather forecast and accumulated rainfall collected in your field.

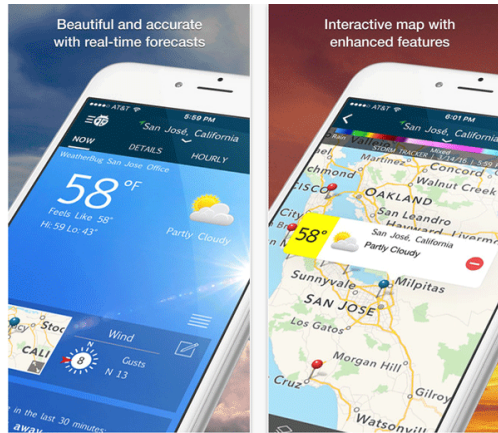
FREE

[iOS](#)

Weather Bug



Earth Networks, Inc.



This app provides useful information related to the weather, radar maps, forecasts, and storm alerts.

FREE

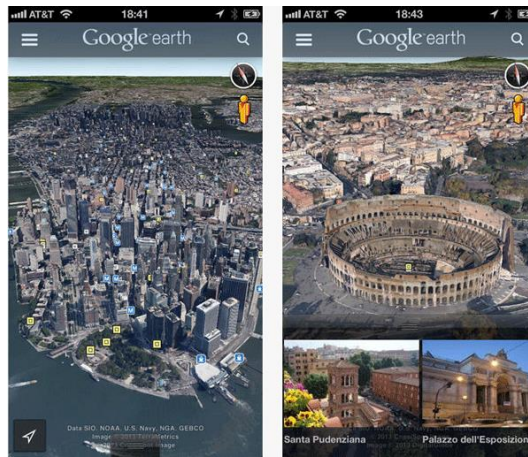
[iOS](#)

[Android](#)

Google Earth



Google, Inc.



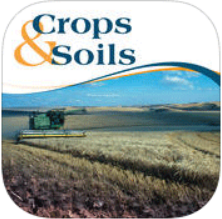
This app allows you to search for cities, places, and businesses. Browse layers including roads, borders, places, and photos.

FREE

[iOS](#)

[Android](#)

Crops & Soils magazine



Alliance of Crop Soil & Environmental Sci. Soc., Inc.



This app provides a simple view of the “Crops & Soils” magazine for certified crop advisers, agronomists, and soil scientists working in the agricultural discipline.

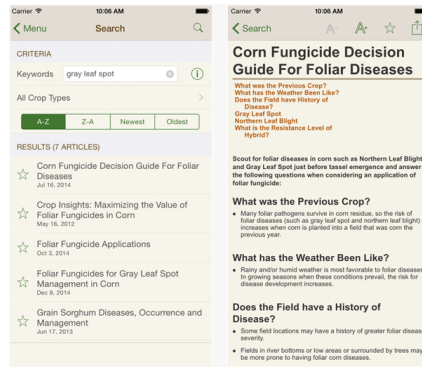
FREE

[iOS](#)

Pioneer GrowingPoint



DuPont Pioneer



This app provides agronomy information in a synthesized approach. You can access hundreds of agronomy articles and photos from DuPont Pioneer.

FREE

[iOS](#)

[Android](#)

Kansas Soybean



Kansas Soybean



Connect with the Kansas Soybean Association and Kansas Soybean Commission, representing Kansas soybean farmers.

FREE


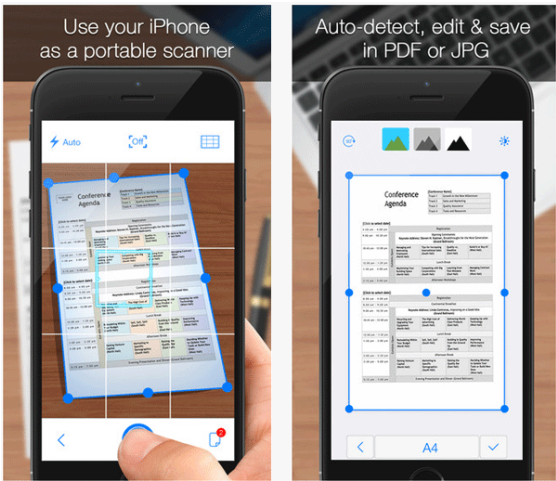

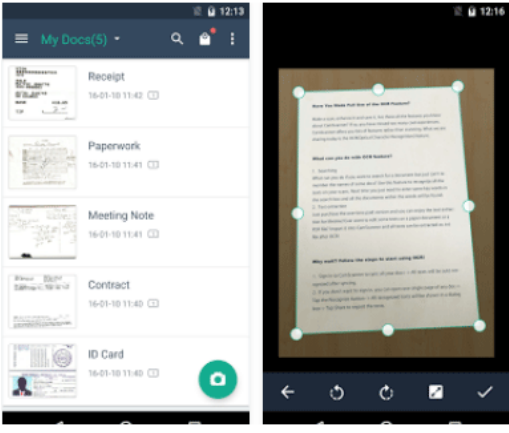
[iOS](#)






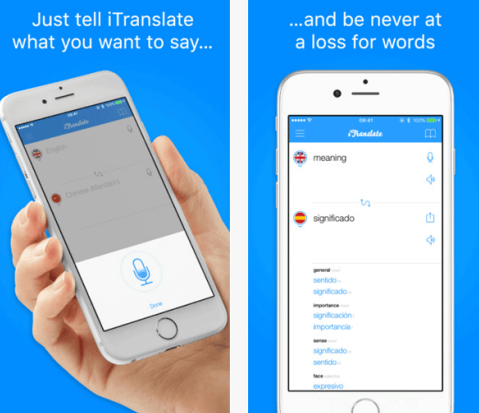
[Android](#)

**10. Non-Agricultural Apps**  
 Apps for general use.

*MOBILE AGRICULTURAL APPS – REVIEW from KSUCROPS ©Kansas State University*

**Non-Agricultural Apps**

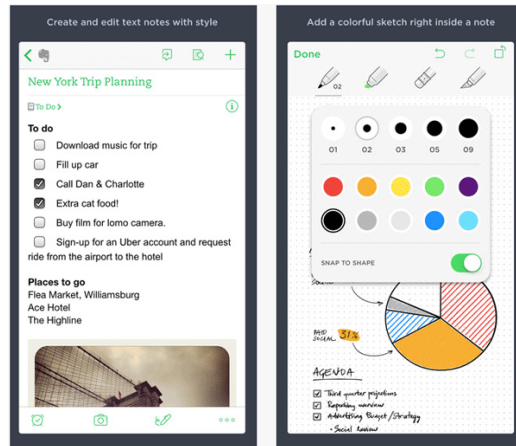
Name of App and Source	Picture	Brief description and cost	Download
<p>iScanner</p>  <p>Ascella Apps</p>		<p>The iScanner app provides a way to scan any kind of book, receipt, document, paper note, schedule, and timetable.</p> <p>\$0.99</p>	<p><a href="#">iOS</a></p>
<p>CamScanner</p>  <p>INTSIG Information Co., Ltd</p>		<p>This app allows you to scan any document, transfer text from scanned images to documents, and more.</p> <p>FREE</p>	<p><a href="#">iOS</a></p> <p><a href="#">Android</a></p>

<p>Crop</p>  <p>Green Mango Systems, Inc.</p>		<p>This app allows cropping and sizing of any image. Select a photo and drag the dots to crop your image. Rotate images too with a single touch.</p> <p>FREE</p>	<p><a href="#">iOS</a></p>
<p>Photo Transfer App</p>  <p>ERCLab, LLC</p>		<p>Photo Transfer App allows you to quickly copy photos and videos between your iPhone, iPad, Mac, or PC using your local Wi-Fi network.</p> <p>\$2.99</p>	<p><a href="#">iOS</a></p> <p><a href="#">Android</a></p>
<p>iTranslate</p>  <p>Sonico GmbH</p>		<p>Words and phrases often lead to different meanings based on dialects, regions, and more. iTranslate draws from many dictionaries to find the exact phrase you need.</p> <p>FREE</p>	<p><a href="#">iOS</a></p>

Evernote



Evernote



With this app write notes, checklists, and research; clip from anywhere on the web. Check PDF documents and edit, highlight the text.

FREE

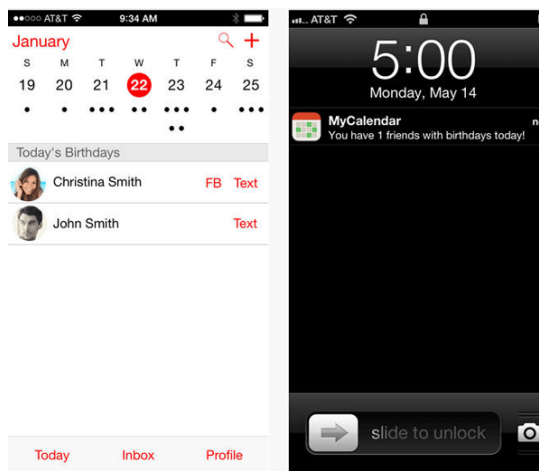
[iOS](#)

[Android](#)

MyCalendar



K-Factor Media, LLC



Add birthdays of all contacts from your phone, customize reminder settings, and easily message your friends via text or Facebook.

FREE

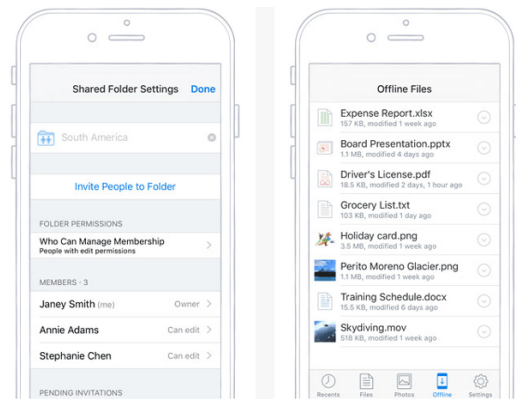
[iOS](#)

[Android](#)

Dropbox



Dropbox



Dropbox is the place for your photos, docs, videos, and other files. Files you keep in Dropbox are safely backed up and you can get to them from all your devices.

FREE

[iOS](#)

[Android](#)

Calculator Plus



DigitAlchemy, LLC



Calculator remembers everything you calculate, and lets you review it anytime, making it perfect for shopping, doing homework, balancing checkbooks, and calculating taxes.

FREE

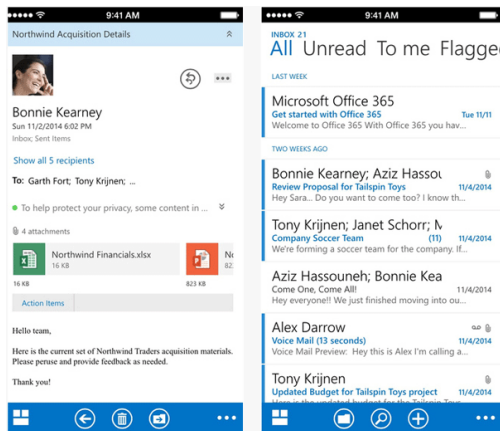
[iOS](#)

[Android](#)

OWA



Microsoft Corporation



This app is the Office Windows email for Apple products. All the familiar features of Office Email, with the convenience of your iPhone.

FREE

[iOS](#)

Speedtest.net



Ookla



This app provides information related to the download and upload speed of internet connections.

FREE

[iOS](#)

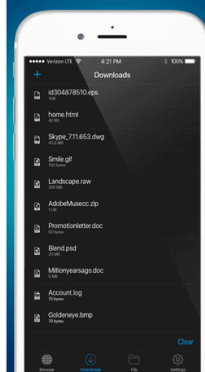
[Android](#)

iDownloader Pro

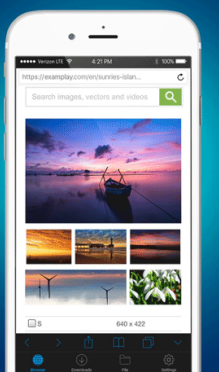


Contreras Graham

**POWERFUL DOWNLOADER**  
all file format support



**BUILT-IN WEB BROWSER**  
Instant Search results



This app is designed to help download files to your iPhone, iPod, and iPad to work offline with lightning-fast speed.

FREE

[iOS](#)