Integrating Mobile Technology in Agriculture

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Everyone is using tablets and their phones for reasons other than to make calls





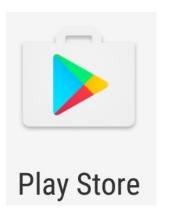
Think of a Problem

- There is probably an App for that
 - Want "the brightest" flashlight on your phone...there's an app for that
 - Need a compass...there's an app for that
 - Need to calibrate a spray nozzle...there's an app for that
 - Want to see if there are supernatural spirits in the room...there's even an app for that



Searching for and getting apps

- Friends
- Workshops
- Magazines
- TV Shows
- Google
- App Store
- ASK ANYONE UNDER THE AGE OF 12!!!





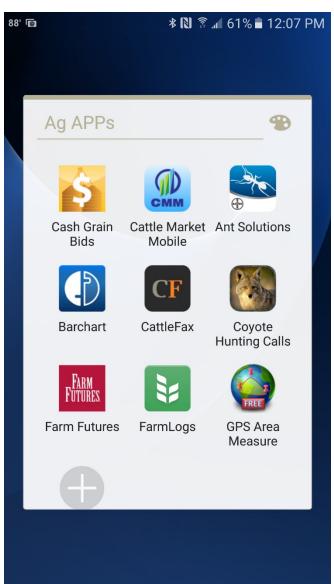


The Nice Thing About Apps

- You can download one and try it out
 - There are a lot of apps that are free
 - If you find that you don't really use the app much, you can just delete it and nothing is lost
 - There may be more than one that does the "same thing"
 - You can try out several to see which one you like the best



Some of My Favorite Apps for Work





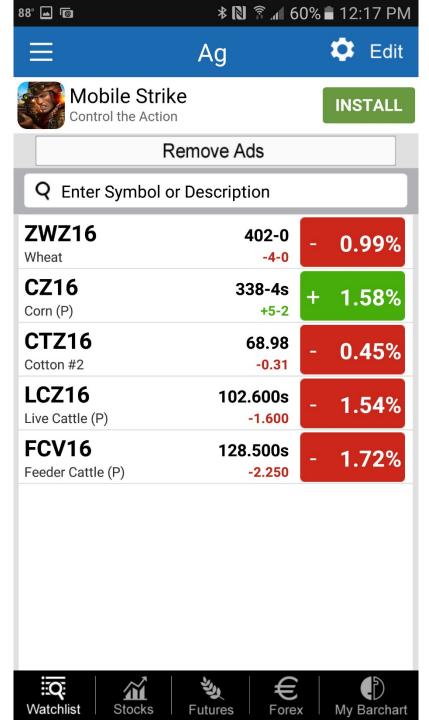
Barchart

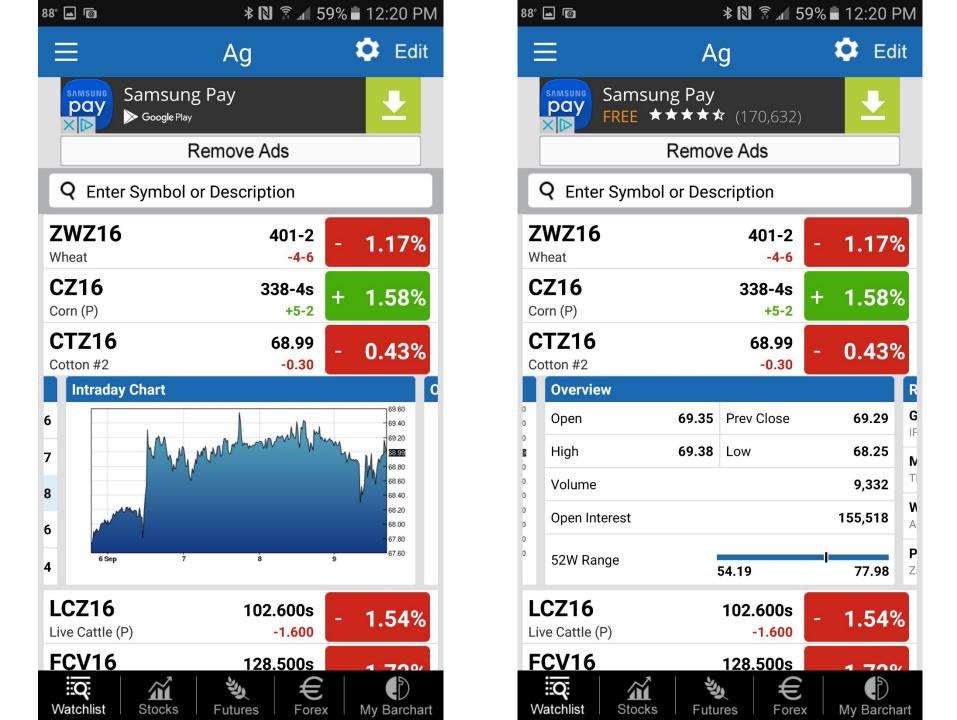
- Features real-time futures and options prices
- Provides technical charts and fundamentals
- Can customize a Watchlist
 - Access to prices, technicals, and fundamentals
 - Can customize charts

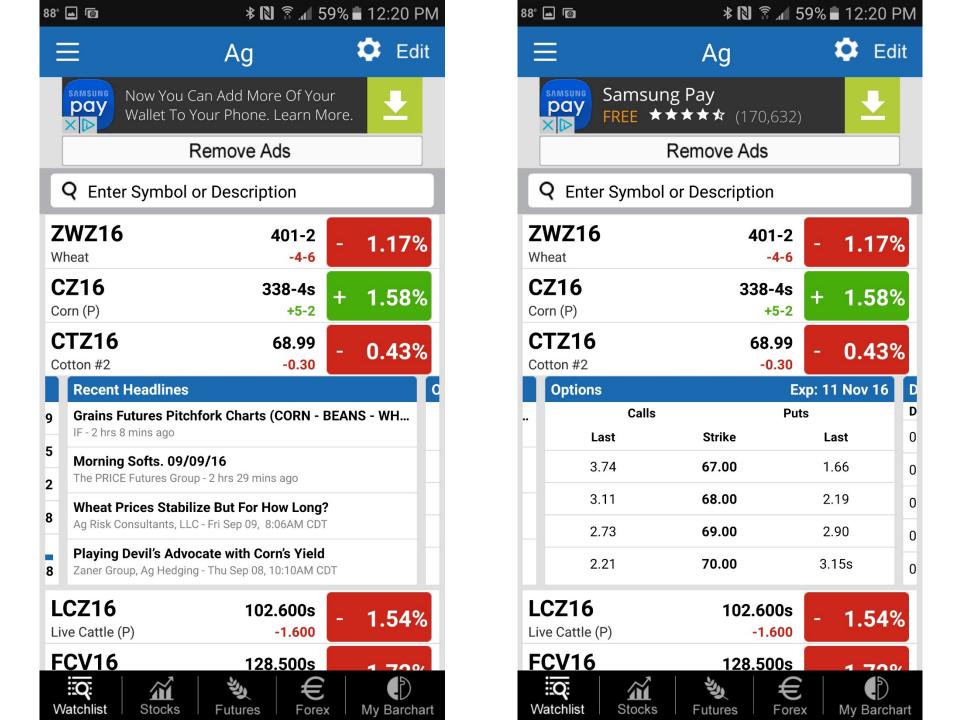


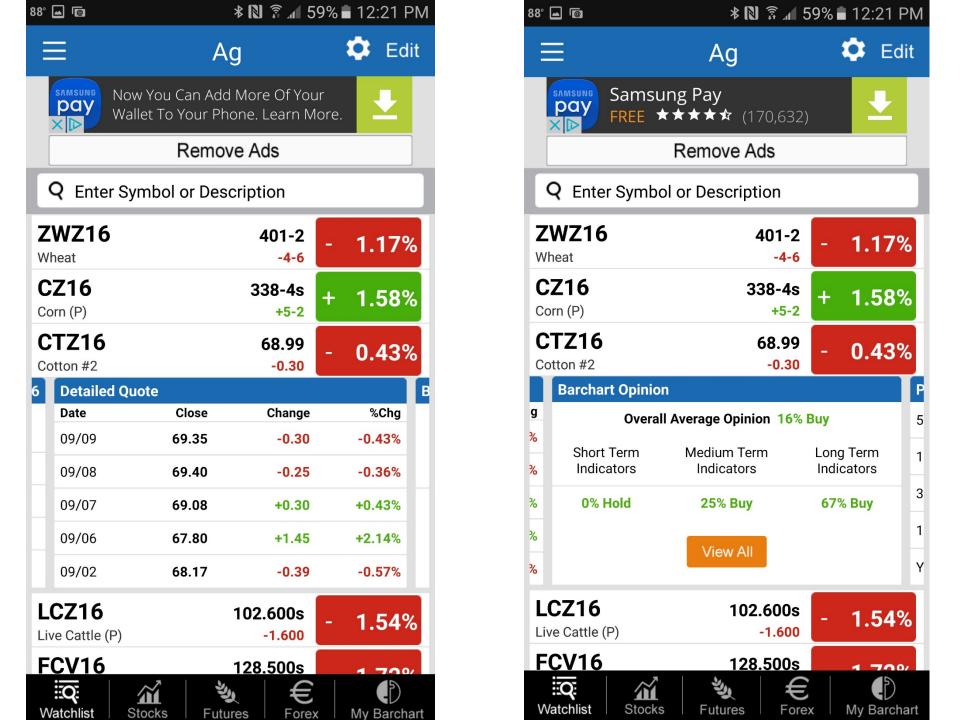


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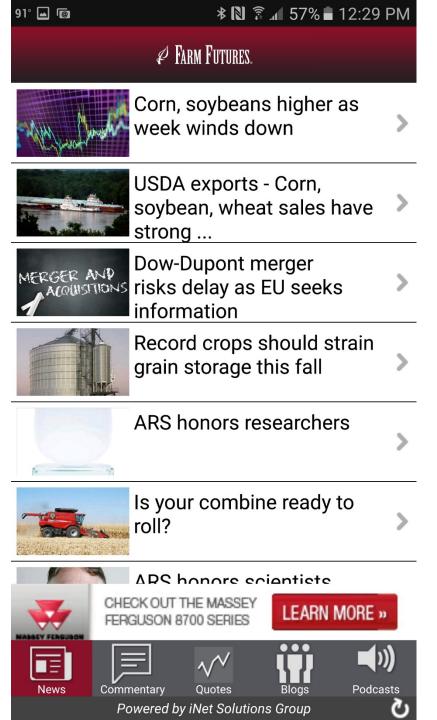


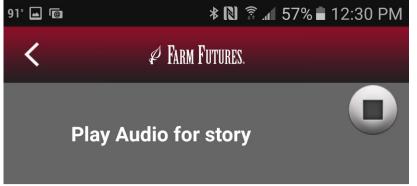


- Provides Ag news
- Futures/options quotes
- Blogs











Corn, soybeans higher as week winds down

Compiled by staff

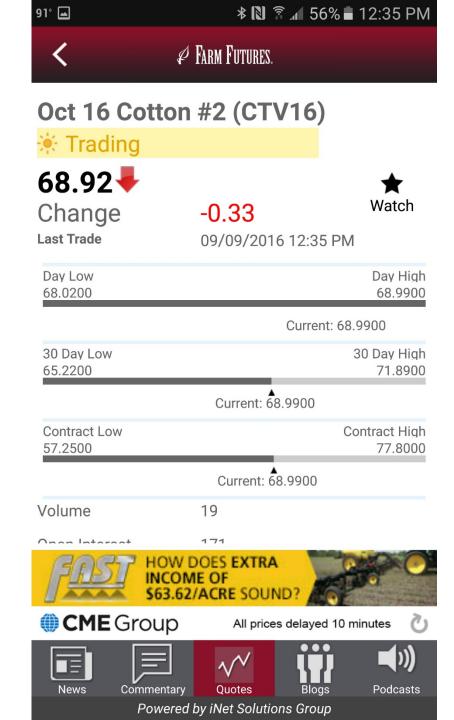
Corn and soybeans are higher near midday and are on track to finish higher for the week as traders focus on Monday's crop report. Weekly export sales on Friday were up from a week ago.



91° 🖴 🌘		* 10 3	₹ ⊿ 1 57% I	■ 12:30 I	PM	
FARM FUTURES.						
Contract			Last	Change		
Sep 16 Rough Rice (E)			930.5s			
Oct 16 Cotton #2			68.92	-0.33	#	
Dec 16 Cotton #2			68.98	-0.31		
Oct 16 Live Cattle (E)			104.300	+2.900	•	
Feb 17 Live Cattle (E)			105.300	+2.075	•	
Sep 16 Feeder Cattle (E)			134.050	+2.450	•	
Jan 17 Feeder Cattle (E)			124.850	+1.475	•	
Oct 16 Lean Hogs (E)			59.875	-1.125	#	
Dec 16 Lean Hogs (E)			54.400	-1.075	ŧ	
As of: 09/09/2016 12:19 PM						
The second secon	HECK OUT THE ERGUSON 8700		LEARN	MORE »		
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Day Week Month Year

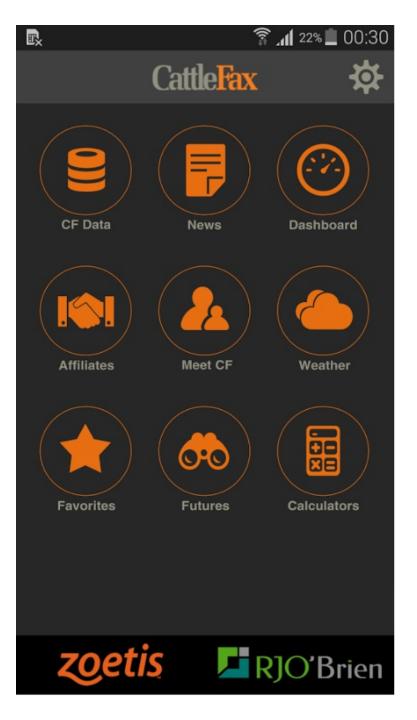


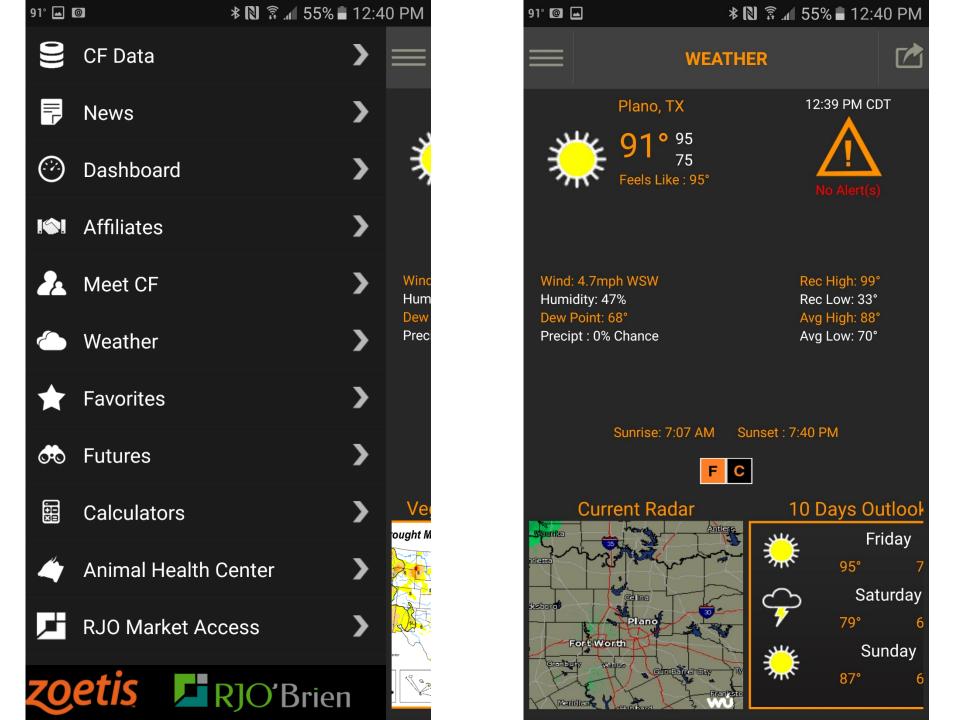
Data provided by iNet Solutions Group, Inc. All prices delayed 10 minutes.

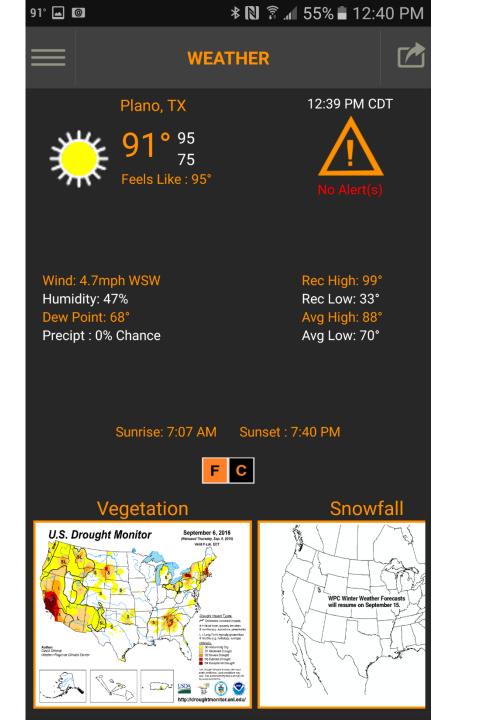




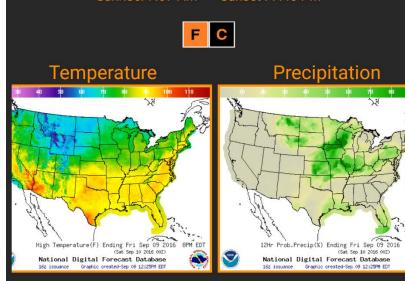
CattleFax

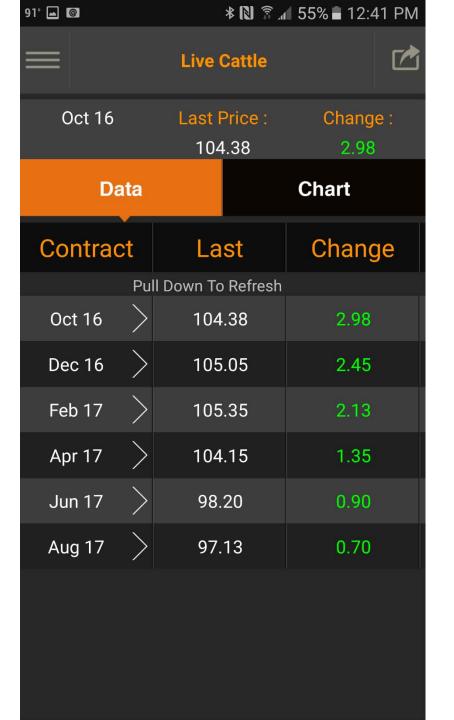


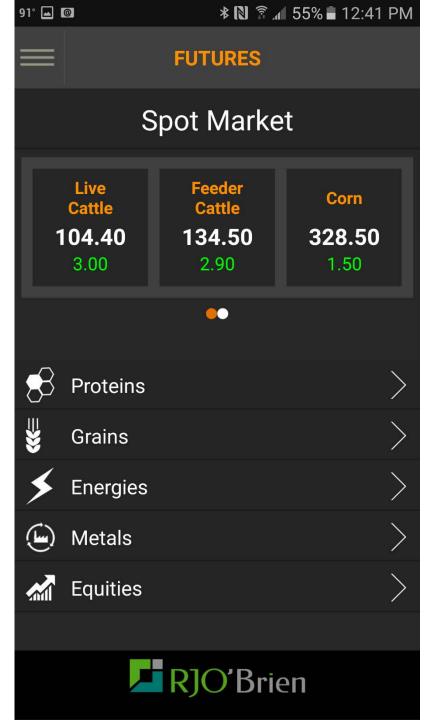












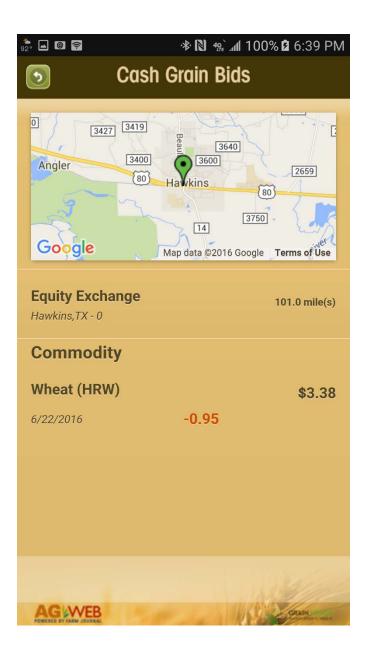
CattleFax



Cash Grain Bids



Cash Grain Bids



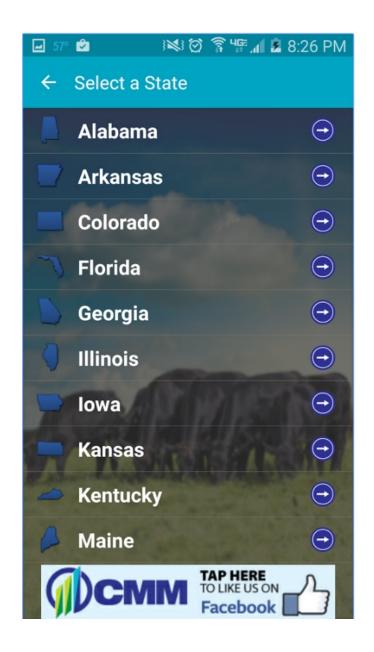
 Cattle Market Mobile is app designed to help cattle producers monitor current auction prices across the United States

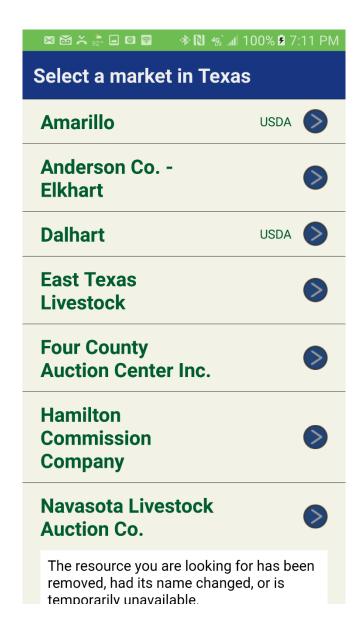


 This app displays reports produced by the USDA's Agricultural Marketing Service as well as reports from a variety of other sources











Tue Aug 30, 2016

Feeder Steers Medium and Large 1-2

Avg Wt	Price Range	Avg Price
376	\$165.00-\$170.00	\$166.75
Avg Wt	Price Range	Avg Price
459	\$145.00	\$145.00
Avg Wt	Price Range	Avg Price
695	\$136.50	\$136.50
Avg Wt	Price Range	Avg Price
670	\$128.50	\$128.50*
Avg Wt	Price Range	Avg Price
734	\$129.00-\$131.00	\$129.65
Avg Wt	Price Range	Avg Price
752	\$131.00	\$131.00
Avg Wt	Price Range	Avg Price
765	\$127.00	\$127.00*

Feeder Steers Medium and Large 2-3

The resource you are looking for has been removed, had its name changed, or is temporarily unavailable.

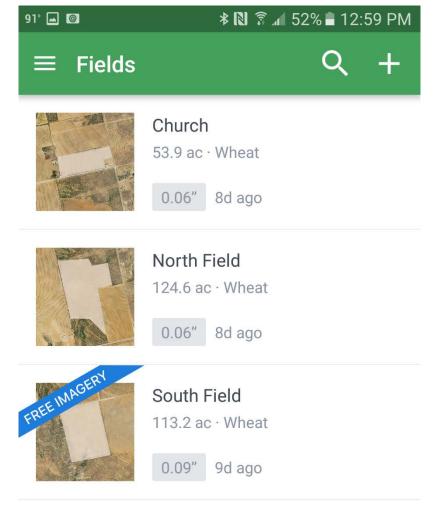
Farm Logs

- Just recently found
- Gives you the ability to see
 - In-season crop health maps
 - Rainfall and heat reports
 - Soil data
 - Crop history
 - Yield maps
 - Keep track of field operations
 - Even sends you an email when you get rain or have stress on a crop



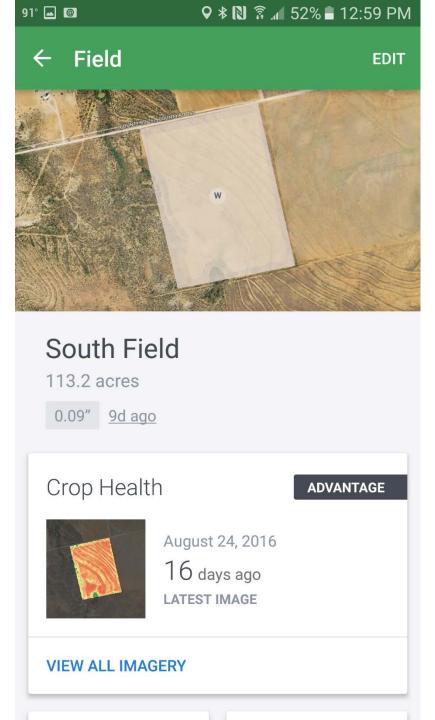


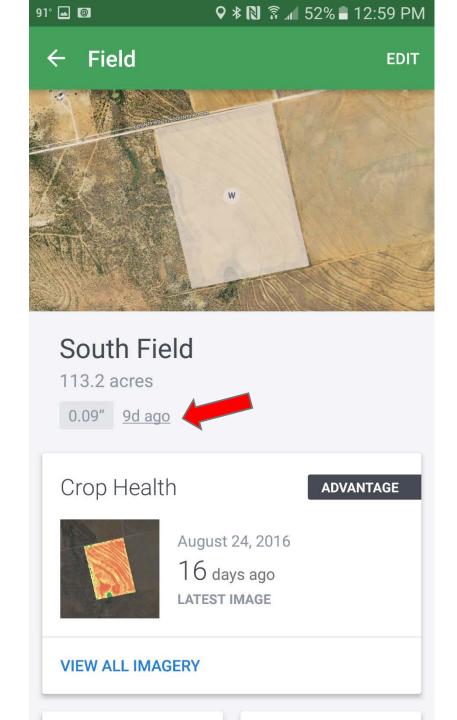
Farm Logs

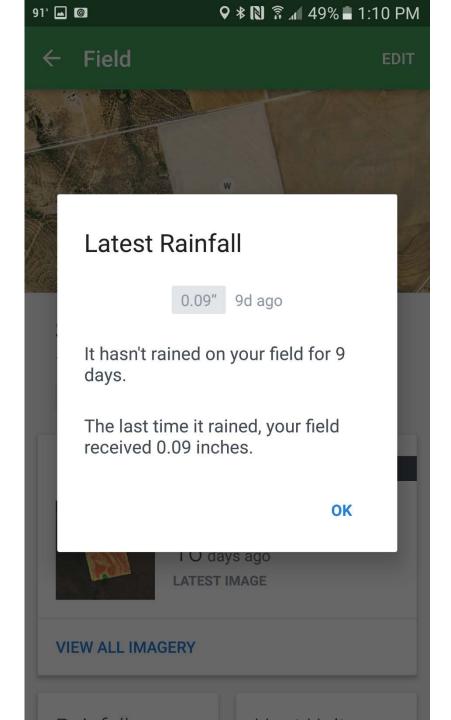


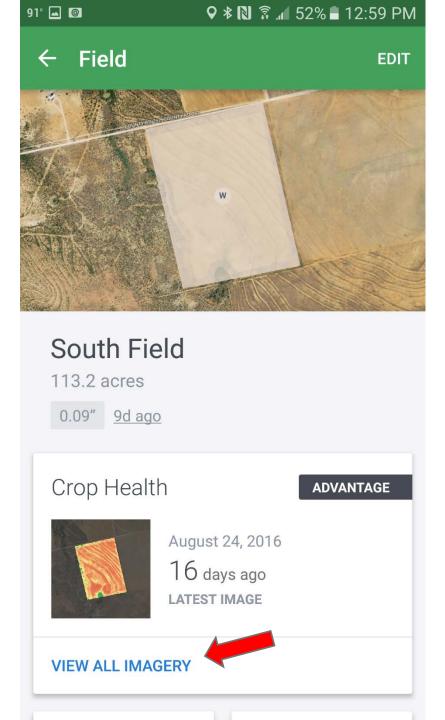
You've added 44% of your acreage!

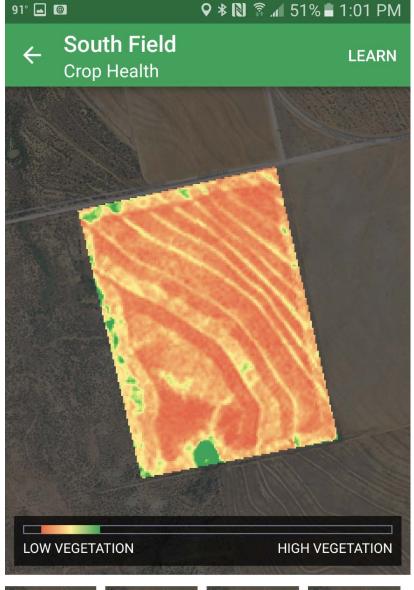
Farm Logs

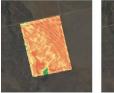
















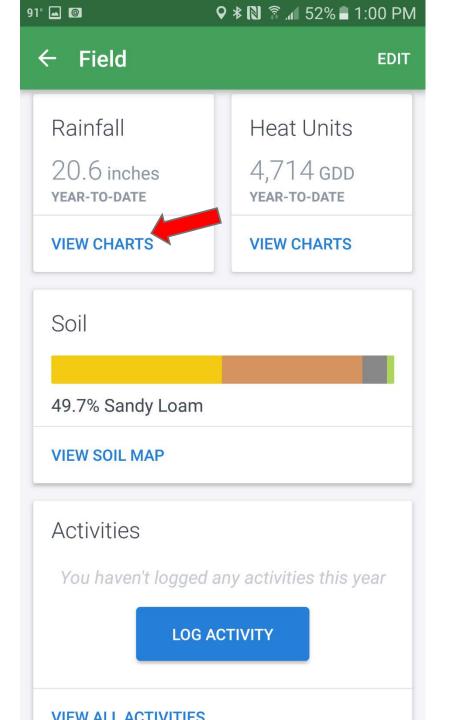


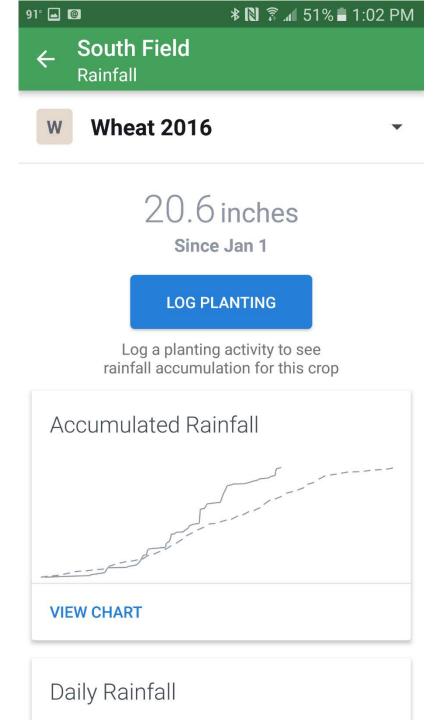
JUL 3, 2016

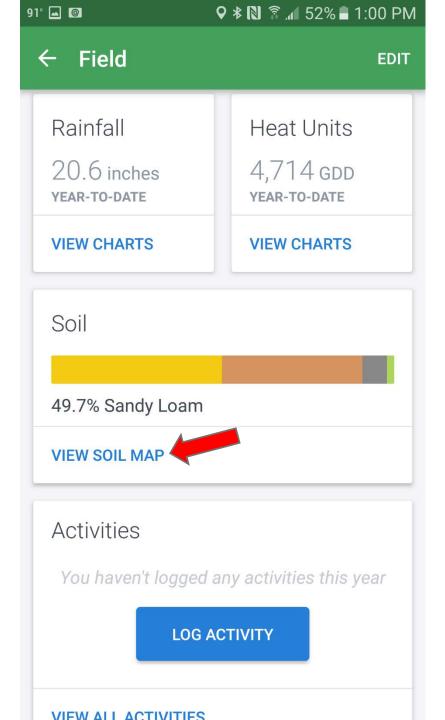
JUL 14, 2016

AUG 4, 2016

AUG 24, 2016

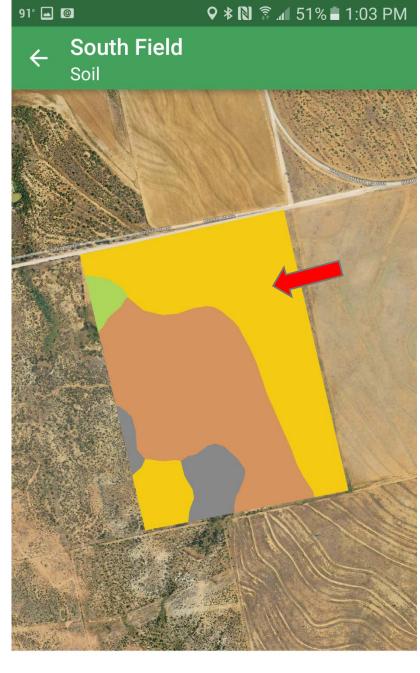








Tap to highlight soil types



Tap to highlight soil types



Sandy Loam

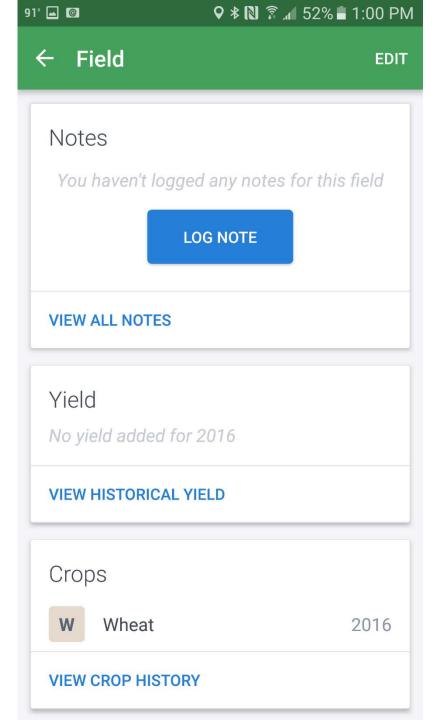
Miles fine sandy loam

55.9 ac

1 to 3 percent slopes

49.4%

Farm Logs



Farm Logs

Don't forget about the email alerts.

FarmLogs

Field Rainfall Report for August 27 2016

Hi Blake,

All of your fields received rain between 6 AM yesterday and 6 AM CDT today. Log in to FarmLogs to see the latest rainfall for your fields.



South Field 113.17 acres Wheat



Church 53.88 acres Wheat



North Field 124.65 acres Wheat

See Latest Rainfall



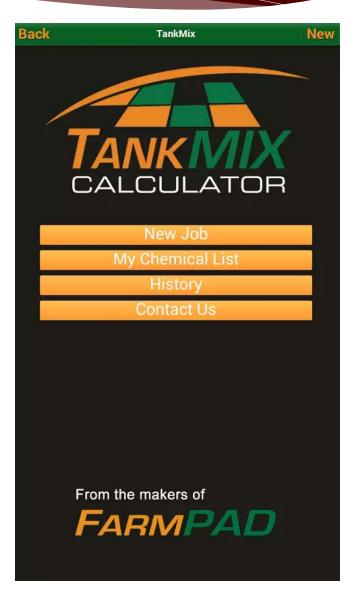
Tank Mix Calculator

- Helps you generate a tank mix
- Enter the acreage, tank size, and carrier volume
- MIX CALC
- Select your chemicals from the list or add your own
- The App will then calculate the number of loads required to spray your acreage (along with full and partial load mixes of the chemicals you selected)



Tank Mix Calculator

- Allows you to save jobs for quick recall
- Provides the chemical labels
- Again, you can add your own chemical if not on the list
- Combined with an accurate acreage estimate (like the one given with the FarmLogs App) can save money





- Your own bank's app
 - A lot of bigger banks have apps that allow you to look at your account balances, move money between accounts, even deposit checks from your phone
 - I use my bank's app almost daily





Flashlight

- There are a lot of flashlight apps on the market

- Pick one and try it out
- They come in handy at times would wouldn't even expect



- Bubble Level
 - Take your pick





- Compass
 - The need may arise





- Unit Converter
 - Because I still don't understand the metric system



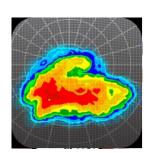


Calculators

- Many on the market
- My Script Calculator
 - One that I just downloaded and looks interesting
 - You can write the equation with your finger and the program will interpret your handwriting

Weather

These are invaluable









- Need to measure an angle?
 - Get a protractor app



Remember these guys?





Alarm Clock

- Take your pick
- There are even some that make you do a task before the alarm can be turned off.



Auto Insurance Apps

- Today, most auto insurance companies have apps for phones
- You can have your auto insurance card on your phone rather than having to sort through the stack of expired ones in your glovebox. (Note: I still do it the old fashioned way)



Solitaire

Admit it...we all have our vices



Radio Apps

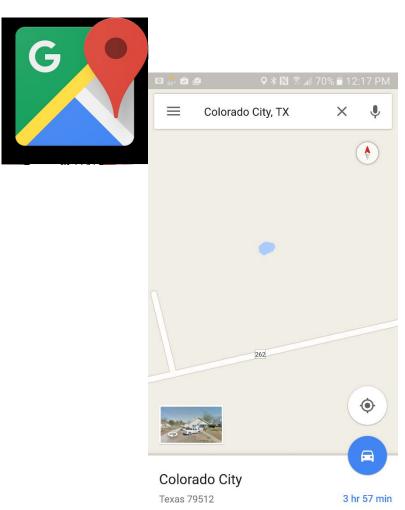
 If you would like to listen to your favorite radio station, but get nothing but static...there's an app for that





Apps Already on Your Phone

- Google/Apple Maps
 - Driving directions
 - Can even help while hunting





Some Helpful Hints

- To save battery life
 - Set your screen to black background
 - Note: The "black" background on your phone is not truly black.
 You can go to the web and download a "true black background" as a picture and set the picture as your background.
 - This uses less battery
 - Close down all apps that you are not using
 - Turn off your Bluetooth / Wi-Fi
 - Turn down the brightness of your screen / use auto brightness
 - Don't leave your phone in direct sunlight



Some Helpful Hints

- Paying extra for a Wi-Fi hotspot?
 - Did you know that your phone has the capability of turning your device in to a hotspot itself for other devices to connect and get on the web?
 - If you have phone service, you will have Wi-Fi hotspot capabilities.



Conclusion

- There are so many apps available today, the sky seems to be the limit
 - A Google search for "Best Agriculture Apps" returned 3,000,000 hits
 - A Google search for "Efficiency Apps" returned 32,300,000 hits
- Do a search on the web from time to time
 - Firms, universities, Extension are always coming out with new apps
 - Popular ag magazines are constantly putting out reviews of new apps

