



Introduction

The recent expansion of mobile phones in agricultural areas is causing a revolution in the way information is provided to farmers around the world. There has been considerable interest in the potential role mobile phones have begun to play in the marketing of agricultural outputs and also in providing information with the potential to help increase production and reduce risks. Mobile phones are an effective way to reach farmers at the time decisions are made in the field. With this idea in mind, researches at University of Florida, USA and University of Passo Fundo, Brazil are cooperating to develop solutions delivered via mobile phones.

Objectives

As result of this cooperation effort, the AgroClimate mobile app was created with the goal of helping farmers in the southeastern USA with their management strategies by delivering valuable weather and crop development information.



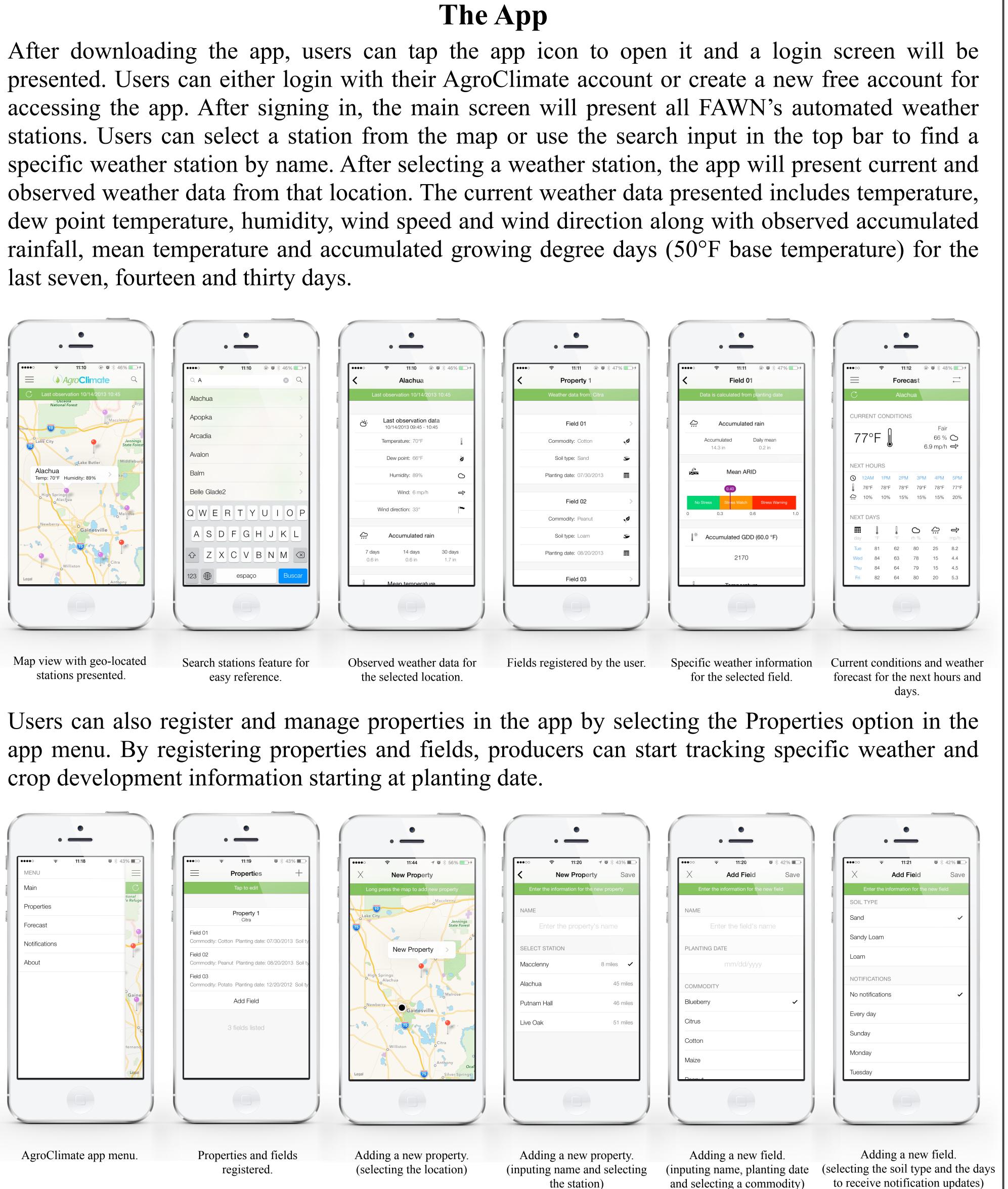
AgroClimate app icon.

The AgroClimate app is currently available for mobile devices with iOS operating system through the App Store[®].

A version of the app for Android operating system is being developed and will be available soon.

The app supports three languages (English, Spanish and Portuguese) and currently covers the state of Florida, USA.

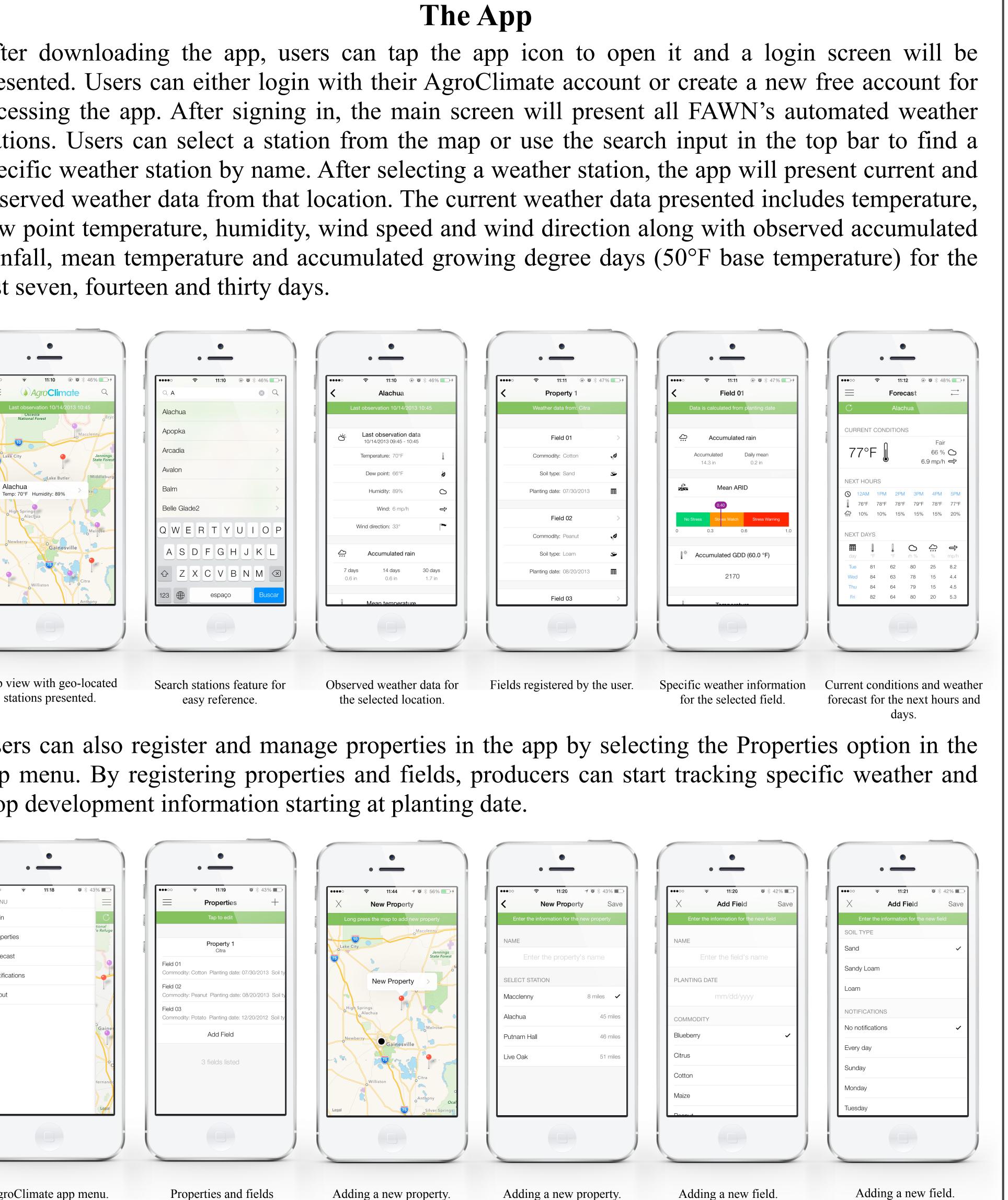
stations presented.



AgroClimate App, a Mobile Decision Support Tool for Agriculture

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to receive notification updates)

Notifications

The AgroClimate app has an option for users to schedule days of the week when to receive updates of observed weather and crop development information for their fields.

The updates are sent to users via push notifications which work like text messages. However, push notifications are sent through a internet connection and do not incur in to any charges to be sent or received.

Users can also check all recent notifications received.



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References



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