

NEW PRODUCTS

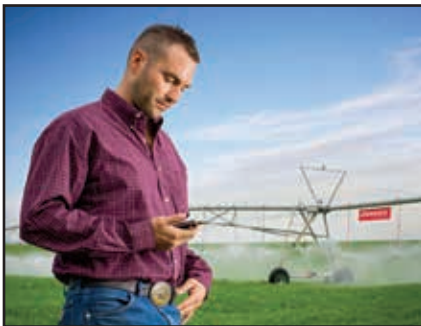
by Lindsay King, assistant editor

Autonomy in precision ag

With test flights in Kansas and Illinois, the American Robotics' technology is collecting data on fields with no human interaction. Precision agriculture is taking a very hands-off approach to future technology.

Pivot Control LiteSM

The Lindsay Corporation unveiled Pivot Control Lite in early 2018, an affordable option allowing producers to operate their pivot from their phone just like they were standing in front of the control panel.



Connecting to both mechanical and digital control panels, producers can monitor and even stop their pivots. However, the Lite version has some limitations. Designed at a lower cost and easily installed, the Lite version is ideal for moving the controller between pivots.

The full version has the added feature of variable rate irrigation. An additional subscription optimizes efficiency of the system through the control of pivot speed and spray rate. The FieldNET AdvisorTM can also calculate the field's needs, saving water, time and money.

The biggest difference between the Lite and full versions of the Pivot Control? The lesser version has

limited control of the panel features, specifically starting up a pivot. However, the ability to monitor and stop a pivot is valuable enough for pivot owners to consider. For more information, visit: www.myfieldnet.com/pivot-control-lite.

ScoutTM

Imagine a drone taking flight several times a day, from the same location for the duration of its life without an operator. Quickly becoming a reality in the world of autonomous drone technology, "ScoutTM" collects images of various fields with zero effort from its owner. The drone flies a set path to take the same images of the same fields daily. It then returns to its "home" to charge, download and convert images, stitch maps together and transmit all the data to a computer.

The first of its kind to operate autonomously, "Scout" makes it easy for a farmer to get data on a field multiple times a day. Troy Walker, Mid-Kansas Cooperative, says this is the way for drones to truly find their place in agriculture. Farmers simply don't have time to fly a drone across their fields to reap all the benefits of this technology.

American Robotics technology is making just that possible. Housed in a weatherproof "home," the drone

can self-charge and connect to the cloud for data transfer. Kansas and Illinois are the latest test locations for this new technology.

For more information, visit: www.american-robotics.com.

Reveal[®]

Slated as a product for dairy producers, Cargill's Reveal[®] provides real-time forage analysis. Producers can walk into the barn, pick up a sample and get results almost instantaneously. Equipped with the world's first pocket micro-spectrometer, Reveal compares the sample to the information from the Cargill Elk River Forage Lab.



Designed with dairymen in mind, the liquid accessory instantly measures fat, protein and total solids of whole milk. This technology sends results through an app to your phone. For more information about cost and how it could benefit your operation, visit: www.cargill.com. 