

Press Release

For Immediate Release



PRAXSOFT, INC. REVEALS ADVANCED TECHNOLOGIES TO IMPROVE AGRICULTURAL BMPs

Environmental Monitoring to Cut Cultivation Costs, Decrease Water Use and Improve Production Yield and Quality

Orlando, Fla. (June 2010) – PraxSoft, Inc. has announced a new release, Version 4.0, of their Sensor-based AgNetLive monitoring system. AgNetLive provides a Web-based decision support system that collects real-time data from wireless sensor nodes (WSNs) distributed throughout commercial fields and farms. AgNetLive uses the PraxSoft Active™ Series, which combines unique hardware, software and communications to support accurate and timely remote data collection. Wireless sensor nodes have built-in intelligence to collect, communicate, and analyze environmental data. The real-time data can be used to better schedule irrigation and fertilizer application to reduce operating costs and to promote environmental sustainability.

The agriculture industry has always been responsive to Best Management Practices (BMPs) to encourage crop producers to increase nutrient management and reduce polluted surface runoff. The Clean Water Act, the National Pollutant Discharge Elimination System (NPDES) and other various programs have focused more attention on sustainability efforts in recent years. Monitoring soil moisture, electrical conductivity, nutrients and water usage can help protect water quality and have a significant positive impact on crop production. AgNetLive provides advanced technologies to improve field management and increase productivity.

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The implementation of state-of-the-art WSNs to measure, report and manage irrigation and fertigation based on real-time moisture and nutrient data improves decision-making and field operations. Implementing these smart, low-cost WSNs and the AgNetLive monitoring system can reduce nutrient leaching and cut cultivation costs while improving crop production and quality.

AgNetLive is a cost-efficient means to ensure crop producers have real-time access to the meteorological and environmental variables, which affect their daily operations. It improves on-site monitoring, operations and crop management, decreases water and fertilizer usage and provides optimal scheduling of irrigation, fertilizer and pest control.

WSNs used in PraxSoft's AgNetLive product are equipped with soil moisture and electrical conductivity (EC) sensors. They have the capability to communicate with each other in an ad hoc fashion and the scalability to be outfitted with a plethora of onboard sensors to monitor everything from temperature and rainfall to evapotranspiration (ET).

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