

All-Row Cotton Yield Monitoring and Mapping for John Deere Pickers

Ames, IA – May 18th, 2001

Ag Leader Technology is pleased to announce a new option to meet your yield monitoring needs. Due to customer demand, Ag Leader is now offering all row cotton yield monitoring systems for 4, 5 and 6 row John Deere picker models 9960, 9965, 9970, and 9976. This new option compliments the two-row monitoring system currently available. The optical sensor-based yield monitoring system has been field proven in four harvest seasons prior to being introduced for Case-IH pickers and is now available for John Deere pickers for the 2001 season. Ag Leader Agricultural Engineer Brent Busenlehner reports, "The cotton yield monitor system has been designed to produce exceptionally accurate yield data at a lower cost by not requiring that all rows be monitored. However, some customers require that all rows be monitored to sense row-by-row inconsistencies. Therefore, the all-row system can provide a true representation across the entire swath of the machine. For those customers that choose the two-row system, we offer an upgrade kit to expand from the two-row system to the all-row system."

Combined with Ag Leader's Add-On GPS, the monitor can record precise yield maps in addition to complete field and load records. This provides the information on the productivity of every acre. Optical sensors measure cotton flow across the full width of the chute on John Deere or Case-IH pickers. Quick release mounting plates allow easy access for inspection. The design also prevents build-up of soil and plant material.

In addition to performing all the functions of the PF3000™ cotton and grain monitor, the optional PF3000™ Pro is available with fully integrated GPS. The Pro offers combined satellite and beacon differential correction. It is compact and weather resistant with a ruggedized housing for protection against dust and moisture.

Both the PF3000 and PF3000 Pro become a grain yield monitor with an optional combine kit. Both can also be programmed for variable rate control of seed, chemical, and fertilizer application. And, with GPS and the Ag Leader LightBar, parallel swathing can be performed either straight or contour, both night and day.

The PF3000 Cotton Yield Monitor will be available from Ag Leader Technology's dealers. Cotton growers can contact their local dealer, call Ag Leader Technology directly at 515-232-5363 or email to support@agleader.com.