



Trimble Takes Lightbar Guidance to New Accuracy Levels in Agriculture

4-in-1 Receiver Now Available for EZ-Guide Plus; First Lightbar System to Replace Row Markers

ALLEMAN, Iowa, Aug. 30, 2004 -- Continuing to provide higher levels of accuracy for lightbar guidance applications in agriculture, Trimble (NASDAQ: TRMB) today announced that its AgGPS® EZ-Guide® Plus system is now available with the new AgGPS 252 multi-function Global Positioning System (GPS) receiver. In just 8 months since its release, the EZ-Guide Plus lightbar has become one of the world's most popular lightbar guidance systems. The new AgGPS EZ-Guide 252 system can now be used as an alternative to row markers for lightbar guidance in row crop planting as well as other field operations.

The Trimble EZ-Guide 252 system will be showcased at the Farm Progress Show.

The EZ-Guide 252 system enables operators to choose their required level of GPS accuracy to manually steer equipment such as tractors, sprayers, fertilizer applicators, air seeders, combines and large tillage tools in consistent rows. Using the capabilities of the AgGPS 252 receiver's multiple levels of high accuracy, farmers can further increase productivity, efficiency and profitability by improving in-field pass-to-pass accuracy, minimizing overlaps and skips, and lowering input costs. As with all Trimble agriculture solutions, the farmer's investment in the EZ-Guide 252 system is modular and can be upgraded to Real Time Kinematic (RTK) sub-inch accuracy recommended for use with the Trimble AgGPS Autopilot™ automated steering system.

The AgGPS 252 multi-function high-performance receiver is a rugged, all-in-one, smart antenna design. As part of the EZ-Guide 252 system, it offers farmers flexibility in choosing the accuracy level their crop requires, whether the crop is broadacre, row crop or vegetable. The easy-to-use system provides sub-foot pass-to-pass accuracy using free WAAS (Wide Area Augmentation System) or EGNOS corrections (European Geostationary Navigation Overlay System) or better than 2-inch pass-to-pass accuracy using OmniSTAR High Performance (HP) satellite services for row crop applications. The unit is also equipped with OmniSTAR Virtual Base Station (VBS) capabilities for sub-foot pass-to-pass performance.

With a subscription to OmniSTAR HP satellite services, the EZ-Guide 252 system provides better accuracy than any other competitive lightbar guidance system on the market today. The user can select the Autoseed™ Fast Restart Technology option, which significantly reduces initialization time. Within 90 seconds of powering up, the Autoseed Fast Restart Technology allows equipment operators to achieve sub 2-inch pass-to-pass accuracy by simply starting up in exactly the same spot where they previously shut down in the field.

The AgGPS EZ-Guide 252 system can be installed on any field equipment such as trucks, tractors, spray rigs or combines in just a few minutes. Operator training takes just a few minutes more. As an ideal replacement for row markers, the system provides vehicle operators with intuitive and accurate guidance in bright or low light, wind and dust, fog, rain or even snow. Components include a lightbar with the unique combination of LEDs for offline indication and integrated graphic LCD display for intuitive turn and curve guidance, and a survey-grade high performance antenna.

The EZ-Guide 252 lightbar guidance system can be controlled with just three buttons. The system provides the operator with a variety of real-time information, including offline distance, swath number, speed and field area. It also outputs NMEA position data to other equipment such as yield monitors, planters and field computers.

The EZ-Guide 252 system provides the flexibility needed to be efficient in any terrain. It can be programmed for straight, curve, headland or center-pivot guidance patterns. The graphic LCD screen displays intuitive turn and curve guidance, and it automatically advances to the next swath during turns for all patterns.

The EZ-Guide 252 system is fully upgradable to grow with the user's precision farming needs, including a range of Trimble AgGPS Autopilot solutions, as-applied mapping, soil sampling, flow control, variable-rate management and other functions.

The EZ-Guide 252 system with Autoseed Fast Restart Technology is expected to be available in September of 2004. For more details, visit www.EZ-Guide.com to view an interactive demo of the EZ-Guide Plus system and to locate a dealer. For more information call 1-800-259-6501 or contact your local Trimble dealer.

About Trimble

Trimble is a leading innovator of Global Positioning System (GPS) technology. In addition to providing advanced GPS

components, Trimble augments GPS with other positioning technologies as well as wireless communications and software to create complete customer solutions. Trimble's worldwide presence and unique capabilities position the Company for growth in emerging applications including surveying, automobile navigation, agricultural machine guidance, asset tracking, wireless platforms, and telecommunications infrastructure. Founded in 1978 and headquartered in Sunnyvale, Calif., Trimble has more than 2,000 employees in more than 20 countries worldwide.

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