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Trimble Adds Boom Height Control to its Field-IQ Crop Input Control System

Boom Height Control Extends Trimble's Solution for Self-Propelled Sprayers

SUNNYVALE, Calif., Oct. 22, 2012 /PRNewswire/ -- Trimble (NASDAQ: TRMB) introduced today boom height control for self-propelled sprayers as the latest feature of its Field-IQ™ crop input control system. Farmers that use the Field-IQ solution with boom height control will be able to:

- Automatically adjust the height of booms with ultrasonic sensors that measure the distance between ground or crop canopy to evenly apply material.
- Minimize environmental impact by eliminating off-target applications of products, which can help protect the health of neighboring crops.

Controlling up to 48 sections, the Field-IQ system varies input application rates using prescription maps to save money, increase yields, keep records of what is applied, and now automate the height of the boom. Self-propelled sprayers require an advanced level of automation due to their increasingly larger booms and the speed at which sprayers travel through the field. As a result, boom height control plays a key role in: reducing operator fatigue by eliminating the need for manual boom operation; preventing damage to the boom by automatically raising it above field obstacles; and by providing a more precise product application through automating boom height adjustments as needed.

"Trimble is focused on providing a complete precision agriculture solution to help farmers manage their unique operational needs," said Micah Eidem, market manager for Trimble's Agriculture Division. "By adding boom height control to our Field-IQ system, customers can now select their choice of correction service, steering component, and flow and application modules to create a comprehensive precision agriculture solution for their self-propelled sprayer."

Trimble® boom height control is expected to be available in January of 2013. Contact a local Trimble dealer at www.trimble.com/locator for more information.

Boom height control will initially be available on the Trimble CFX-750™ display and is the latest addition to Trimble's Field-IQ system which includes section control, variable rate application and advanced seed monitoring.

About Trimble's Agriculture Division

Trimble's Agriculture Division is a leader in precision agriculture, GPS and guidance solutions that help customers operate farm vehicles and implements more efficiently, save on input costs, and increase yield and productivity. Solutions include vehicle and implement guidance and steering; application control for seed, liquid, and granular products; laser- and GPS-based water management technology; and seamless field-to-office information management and record keeping. To ensure better decision making, Trimble also offers an integrated operations management solution called Connected Farm™ that provides information exchange across the entire farm.

For more information on Trimble Agriculture, visit: www.trimble.com/agriculture.

About Trimble

Trimble applies technology to make field and mobile workers in businesses and government significantly more productive. Solutions are focused on applications requiring position or location—including surveying, construction, agriculture, fleet and asset management, public safety and mapping. In addition to utilizing positioning technologies, such as GPS, lasers and optics, Trimble solutions may include software content specific to the needs of the user. Wireless technologies are utilized to deliver the solution to the user and to ensure a tight coupling of the field and the back office. Founded in 1978, Trimble is headquartered in Sunnyvale, Calif.

For more information, visit: www.trimble.com.

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