



## Frequently Asked Questions about the RiteHeight System

### ... about **installation**:

*- How long does the RiteHeight system take to install?*

Most farmers have reported that the system takes about half a day to install.

*- How hard is it to install?*

Most farmers have told us that it is very easy to install. The supplied manual provides detailed instructions to guide you through the installation and set-up. Installation consists of mounting the sonar sensors on the booms, a Monitor box inside the cab, and an Interface Box on the sprayer. Cables will need to be routed to these components, as well as to the solenoids of your sprayer. Should you have questions, technical support is available by phone or e-mail.

### ...about **operating the system**:

*- Which sprayers will it work on?*

The RiteHeight system has been designed to work on just about any sprayer with electric-over-hydraulic controls. See the list (provided separately) to see if your sprayer type is already on our list of successful installations. There is a 30 day return policy if you can't make it work on your sprayer.

*- How hard is it to operate?*

The supplied manual provides detailed instructions to guide you through set-up and fine-tuning the system. Once you have selected the appropriate options for your sprayer, operating the RiteHeight system is as simple as pushing a single button to engage Automatic mode.

*- What if I need to override the system?*

Simply use the standard control switches to lift or lower the booms. The RiteHeight system constantly monitors the manual controls, and will pause automatic control when it detects a manual control switch activation. How the system returns to automatic operation is configurable to suit your needs.

*- How fast does it respond?*

The system can begin to respond to changes in the landscape as quickly as one tenth of a second. The speed at which the boom will then be adjusted up or down will depend on the existing hydraulics.

*- How does the system work?*

Sonar sensors are used to detect the current height of the boom above the ground or the crop canopy. They will "see" the ground directly underneath them much as you would.

*- Can the sonar sensors work off the crop canopy as well as the ground?*

The sensitivity of the sonar sensors is adjustable. In a partial crop canopy situation, such as immature corn plants, the sonar sensitivity can be reduced so that the sonar sensors will ignore the weak echoes from the small plants, and use only the echo from the ground. Once the crop matures and produces a solid canopy, the sonar sensors will only be able to sense the crop canopy, since they cannot see "through" the canopy.

*- How many sonar sensors are included?*

The standard RiteHeight kit includes 2 sonar sensors, one for each boom. An optional third sensor can be added for control of the centre rack. This option can also be added later to expand a 2-sensor system to a 3-sensor system. A 5-sensor system (two sensors per boom and one centre sensor at the centre rack) is under development and should be available in 2013.

