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Kev's Tech Tips

Routine Maintenance of your WeedSeeker System

Compared to most equipment on the farm the WeedSeeker is a very low maintenance system, however it is important to follow a few basic steps to make sure it is working at its best.

Please note that these steps are additional to any required for a normal broadcast spraying operation.

Before every use the operator should conduct a visual inspection of all sensors, solenoids and wiring.

(A good time to do this is while filling the chemical tank)

- 1) Visually inspect the cables and wiring for damage and replace as necessary. Replace any broken or missing cable ties and ensure cables are secured to the boom. This prevents any possible damage from contact with stubble.
- 2) Visually inspect the sensors for physical damage and ensure the light and detection windows are clear and clean. If a damaged sensor is located please replace it with one of your spare sensors immediately and return it to your dealer for repair. If a damaged sensor is removed immediately it may only require a new casing. If it is left on the boom and chemical or water finds its way into the electronics the repair is more complex. If the light or detection windows are dirty please clean with a soft clean cloth being careful that any grit will not scratch the lense surface.
- 3) Once within the area to be sprayed "Flush" the WeedSeeker and ensure chemical is flowing through all solenoids.

After each use the operator should clean the system ready for next use.

- 1) All chemical lines and solenoids should be flushed with clean water.
- 2) Check the cables and wiring for damage and replace as necessary. Check cable ties.
- 3) Check the cables and sensors for physical damage and replace as necessary.
- 4) If dirty, the boom and sensors can be cleaned by using a garden hose or other low pressure water source. Please ensure water is not directed upwards towards the cable entry points.

Other Precautions

For booms where the sensors face upwards in the folded position, please ensure the sensors are covered, this is to prevent optics damage by direct sunlight entering the light source and detection windows, as well as possible damage from water pooling in the lense housings.

Although the WeedSeeker is designed for outside storage we recommend that you store it undercover for maximum service life.