

WHAT THE TCU MONITORS, AND WHAT IT SAVES YOU

Per implement, the TCU monitors what matters. When something is being signaled, it can do three things:
Warn you, show it in the TraXwise portal, stop the machine automatically, depending on how you set it up.

Implement / Sensor	What it measures	Typical issue	What happens without it	What the TCU prevents or enables
Seeder	Hopper fill level	Seeder runs empty mid-field	Missed zones, yield loss, rework	Alert before empty
	Fan speed (rpm)	Fan too slow due to blockage	Uneven seed distribution	Early warning
Power harrow	PTO speed, roller rpm	PTO shaft fails or clogs	Entire field unknowingly done wrong	Stop + restart at fault point
Deep ripper	Sensor on tine with shear bolt	Shear bolt breaks on buried object	Missed strip in soil prep, undetected for hours	Stop after seconds + location trace
Cultivator	Sensor on crumbler roll or packer	Roll keeps spinning after mechanical failure	Soil not levelled or compacted properly	Warning + shown in portal
Sprayer	Flow sensor, boom pressure	Blockage or leak in main distribution line	Crop damage, input waste	Real-time detection
Plough	Support wheel sensor	Missed wheel transition during turn	Skewed plough lines, uneven tillage	Immediate alert + traceable location
Weather station	Wind speed	Spraying in strong winds	Drift, poor coverage, product loss	Warning or stop
	Temperature	Spraying when too hot or cold	Reduced effectiveness	Temperature alert
	Humidity	Spraying in dry air (fast evaporation)	Poor absorption, ineffective treatment	Humidity warning
	Pressure trend	Sudden weather change during work	Job interrupted or wasted	Anticipate change + adjust plan

This is just a selection of what's possible. If it moves, spins, fills, breaks or sprays, your TCU will monitor it.