



IMPROVE YIELDS WITH CUSTOM MEASUREMENTS

Check-It's "Grow Linc" monitoring solution with real-time measurement helps to:

- ✔ Maintain constant temperature, the key to maximizing yields and quality
- ✔ Maintain relative humidity levels to improve plant health and absorbability of nutrients
- ✔ Maintain a consistent light intensity, or the strength or amount of light produced by a specific lamp source.



Intuitive and simple dashboards, are easy to understand and can be viewed on monitors, tablets or mobile devices for easy, on-the-go monitoring.

The benefits of LoRa Technology are long-range coverage (up to 10 kilometres), low power usage (up to 5 years battery life), and security.

WHAT GROW LINC MEASURES

- Temperature:** Upholding a constant temperature is key to maximizing yields and quality.
- Relative Humidity (RH):** Ideal RH levels promote ideal plant health and nutrient absorbability.
- Light Intensity:** Ensure fixtures perform at optimal levels as lighting impact a plant's ability to photosynthesize.
- Hours of Light:** Directly impacts photosynthesis and plant growth.
- CO₂ Levels:** Sensors monitor and maintain set point maximum and minimum CO₂ levels.
- Soil Moisture:** Helps understand real-time soil conditions and how much water crops need.
- Vapour Pressure Deficit (VPD):** understanding VPD, enhances cycle rates and yields larger plants.

- Leaf Wetness:** Used in agricultural applications to detect water on leaf surfaces. Helps to monitor leaf moisture for fungus, and controls irrigation systems.
- Soil Electrical Conductivity (EC):** Monitor EC to ensure crop suitability, determine soil activity and plant nutrient availability, and increase yields.

