



## Battling pH and Salinity Issues in Spirulina Farming?

SpiruSense solves pH and salinity challenges in Spirulina farming with precision sensors and real-time monitoring. Ensure optimal growth and consistent quality with effortless adjustments and reliable data.

### SpiruSense Benefits

- It automatically monitors and adjusts pH and salinity levels, ensuring green algae thrive in the optimal environment.
- Enhances crop yield and quality by maintaining precise control over growth factors.
- Reduces manual monitoring, saving time for other farm tasks.
- Wi-Fi connectivity allows you to control your farm from anywhere.
- Includes one year of access to the ReNile platform.
- The device has an average lifespan of 4-5 years.



## SpiruSense Features

pH Sensor

Range: 0 - 14

EC Sensor

200,000  $\mu\text{S}/\text{cm}$

TDS Sensor

0 - 128,000 ppm

Salinity Sensor

0 - 42 PSU

Temperature Sensor

Range: -55 - 125 C

Average cable lengths

3-5 meters

## Control Unit

You can control Spirulina farm equipment such as ventilation units (switches, crystals, etc.) and control the water temperature (heaters) that Spirulina farm need based on the continuous measurement of the air mass, which ensures the preservation of An ideal environment that ensures high quality and production of Spirulina farm.