



# Fertilization sensor

N P K

Datasheet

Monitor fertiliser levels in your soil, and keep them fertile by adjusting input doses.

## TRIPLE SENSOR

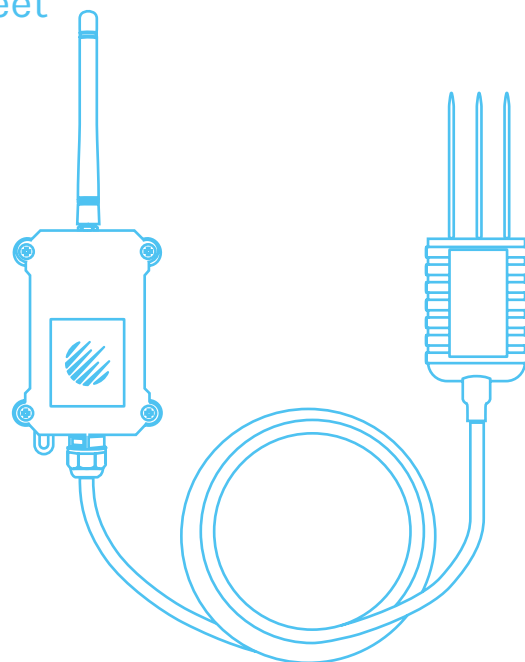
Measure the levels of nitrogen (N), phosphorus (P) and potassium (K) using a single sensor.

## ADJUSTABLE DEPTH

Bury your sensor to a depth of 2 metres in the soil.

## FLEXIBLE MEASURES

Choose the uplink interval that suits your needs.



## Fertilization sensor

Unit	mg/kg	Resolution	1 mg/kg
Range	1 to 1999 mg/kg	Accuracy	±2%

## Wireless transmission

Technology	LoRaWAN v1.0.3	Radio frequency	EU868MHz
Transmission power	25 mW (14 dBm)	Sensitivity	Up to -148 dBm
Uplink frequency	Configurable from 1 minute		

## Power supply

Voltage	2.1V ~ 3.6V	Battery technology	Li / SOCl2
Capacity	8500 mAh	Power consumption	0.1 mA with an uplink interval of 10 minutes
Battery lifetime	Up to 5 years with an uplink interval of 10 minutes		

