



Your Portable Nitrogen Meter
for Smarter Agriculture



Revolutionize your nitrogen management with Croptune™ - the powerful smartphone app that delivers real-time, lab-accurate nitrogen analysis.






Why Choose Croptune™ ?

Croptune™ revolutionizes nitrogen management by offering instant, accurate, and actionable nitrogen analysis right from the field. Using a smartphone, farmers and agronomists can make data-driven fertilization decisions that enhance crop health and sustainability.

-  **Instant Nitrogen Analysis** – Obtain precise nitrogen levels directly from the field, in real time.
-  **Actionable Insights** – Apply nitrogen precisely when needed, minimizing waste, reducing nitrate leaching, and cutting N2O and ammonia emissions.
-  **Nitrogen Trend Monitoring** – Track nitrogen status changes over time with a dedicated dashboard and weekly reports.
-  **Improvement of crop performance** - Ensure optimal plant nutrition by applying nitrogen at the right time and rate, leading to stronger growth, better resilience to stress, and yield performance.
-  **ISO 17025 - certified nitrogen analysis for potato leaves** - instant, reliable, and lab-grade results in the field.





A Game-Changer in Crop Nitrogen Monitoring

Unlike traditional nitrogen monitoring methods that rely on chemical lab analyses, which come with significant drawbacks.

-  Need for a dependable chemical lab.
-  High sampling costs.
-  Limited sampling window.
-  Transport conditions can affect sample integrity.
-  Delayed results - timely decision-making nearly impossible.


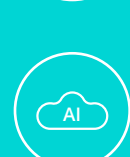

As a result, often fail to provide actionable insights when they are needed most.

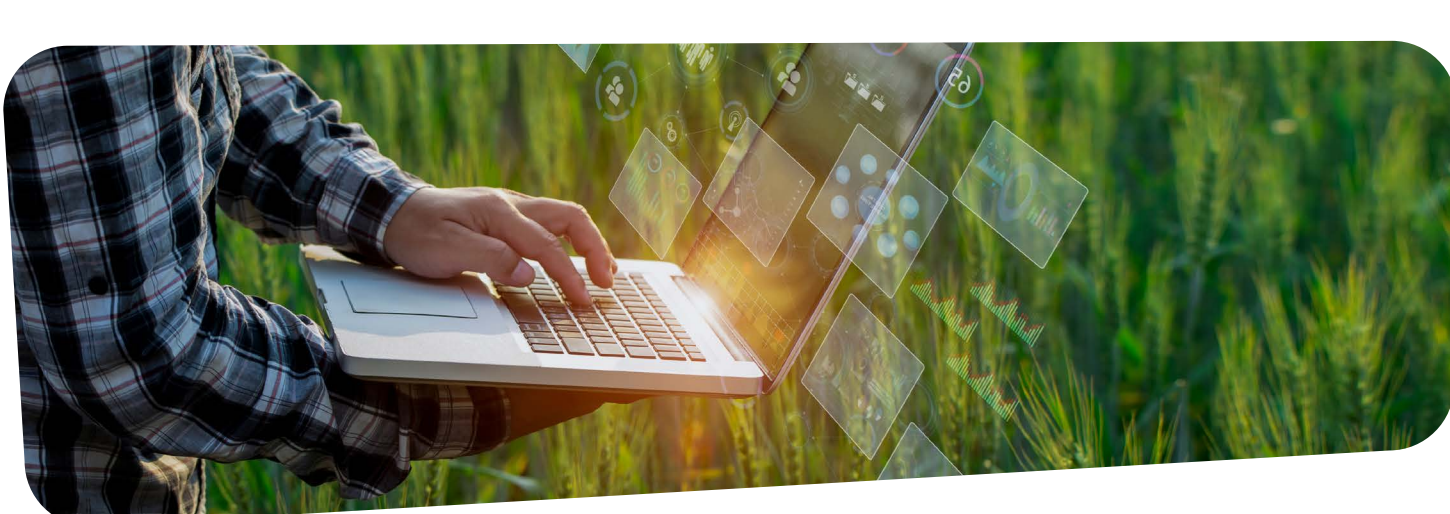
Using Croptune:

-  **Unmatched Accuracy** – Over 90% correlation with lab-tested nitrogen uptake results.
-  **Multi-Crop Compatibility** – Works seamlessly with field crops, vegetables, orchards, and greenhouse operations.
-  **Scalability for All Farm Sizes** – Ideal for large-scale agribusinesses and individual growers.
-  **Calibrated across different smartphone models.**

How It Works




With up to 85% of leaf nitrogen concentrated in chlorophyll, monitoring chlorophyll levels provides critical insights into plant nutrition. Croptune™ undergoes rigorous calibration across different crops, climates, and smartphone models. The process analyzing thousands of images to ensure reliable results. Croptune™ transforms this science into actionable results:

-  **Capture** – Simply snap a photo of your crop using your smartphone.
-  **Analyze** – The AI-powered cloud processing delivers precise nitrogen readings in seconds.
-  **Act** – Receive clear recommendations to optimize fertilization and maximize yields.



Enterprise-Level Crop Management with Croptune™

Croptune™ is a powerful management solution for corporates that run multiple farms, offering automated reports, real-time data insights, and expert support to help agribusinesses optimize operations.

-  Boost efficiency with real-time, data-driven insights.
-  Track nitrogen trends with periodic reports.
-  Support sustainability by reducing fertilizer waste.

Start optimizing your fertilization strategy with Croptune™.

Download the app today and take control of your nitrogen management!

