



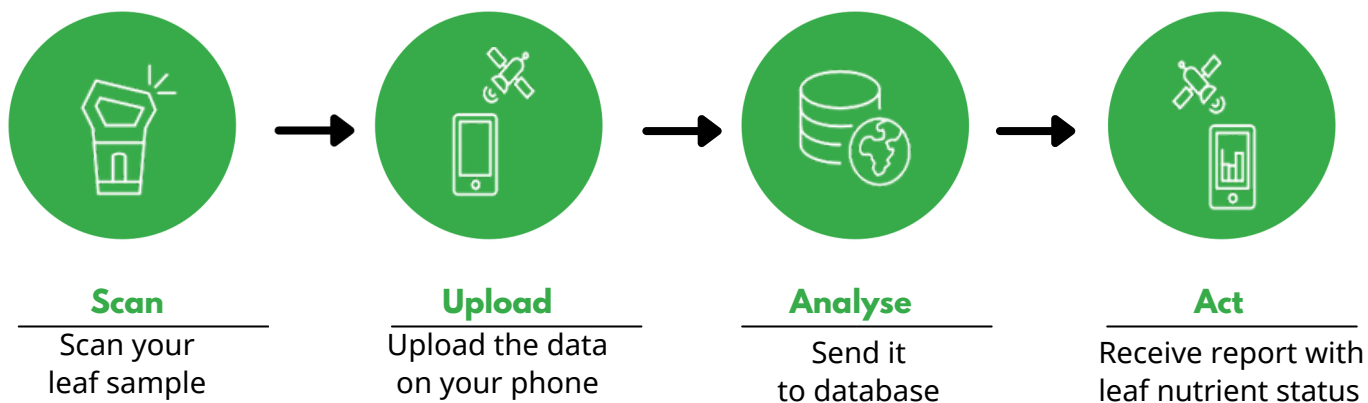
LeafCares, Monitor Crop Nutrients in Real-Time

What is LeafCares?

LeafCares Solution uses non-destructive Near Infrared Spectroscopy (NIRS) Technology designed to perform on-the-spot testing of crop tissue for optimal health and nutrient levels.

LeafCares helps determining nutrient deficiencies and imbalances, which are useful information to determine the best moment for nutrient application, maximize productivity, support plant defense and diagnose the yield limiting factors.

How does it work?



Why use LeafCares?

This proactive management strategy allows farmers and advisors to achieve optimal yields and higher profits by keeping crop nutrient demand and soil nutrient supply in synchronization, while reducing unnecessary input costs and environmental footprint.

- Timesaving
- Non-destructive
- Cost-effective
- Less labour-intensive analysis of plant nutrients in real time
- Use in combination with soil analysis



What can LeafCares Solution provide?

LeafCares monitors the nutrient availability and translocation of macro, meso and micro nutrients in plants. Main crops grown worldwide can be analyzed within minutes.

License Package	Crops Included	Parameters	Retail price per year
Arable	Maize, Wheat, Canola, Soybean, Potato, Barley, Sugarbeet, Cotton, Peas, Rice*.	Nitrogen Phosphorus Potassium Calcium Magnesium Sulphur Manganese Copper Zinc Boron**	2400 € (2750 € private label)
Orchard	Apple, Pear, Citrus, Kiwi*.		2400 € (2750 € private label)
Tropical	Sugarcane, Coffee, Banana*, Avocado*, Tea*, Palm Oil*.		2400 € (2750 € private label)

* These crops will be released in 2026. We are constantly working to expand our portfolio, and we can discuss calibrating new crops with you.

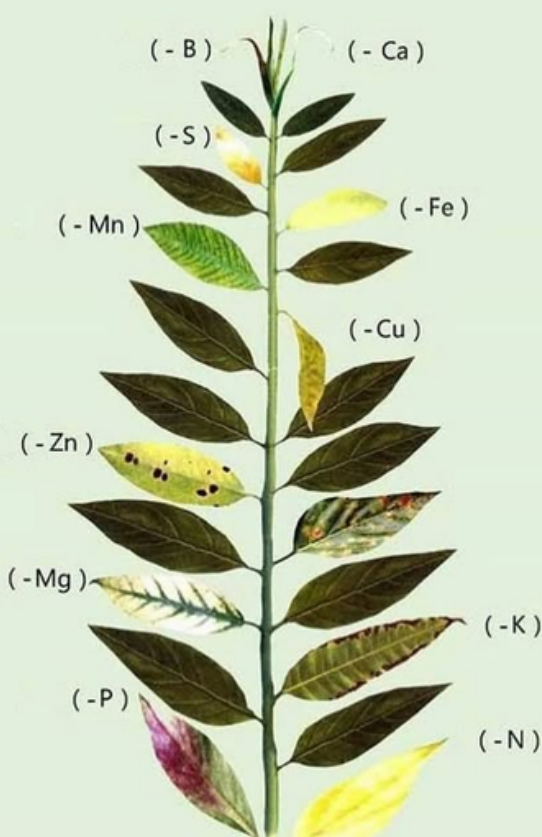
**Available for Maize, Wheat, Potato, Barley, Cotton, Peas, Soybean, Canola".

Make fact-based decisions

AgroCares Scanner not only analyzes leaf nutrient level but also effectively scans soil, allowing for a comprehensive connection between the two datasets. By integrating soil analysis with leaf data, we gain deeper insights into plant health and growth conditions. Access your data 24/7 via AgroCares online Digital Platform with multiple data layers and widgets. Export and import your farm management data easily and make fact-based decisions.

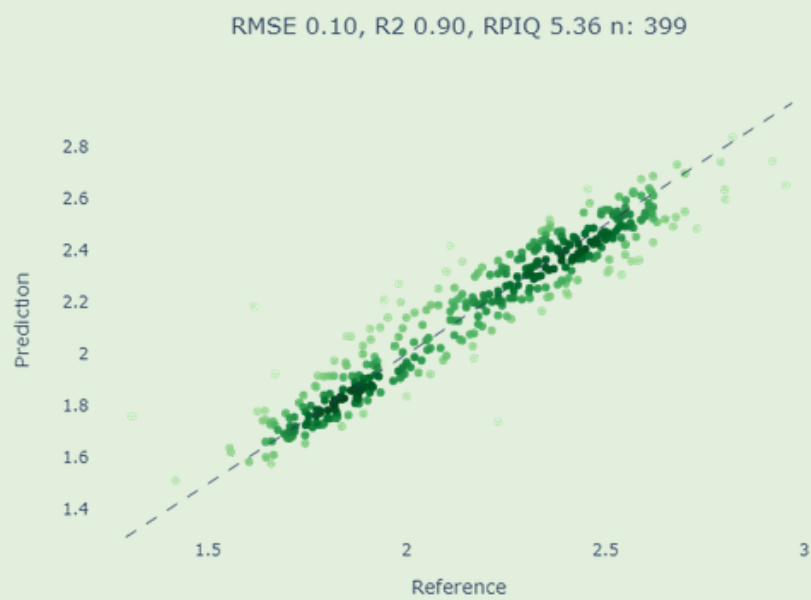
This is all you need:

- AgroCares Scanner
- A smartphone with Android 6.0 / iPhone 7 or higher)
- An AgroCares app installed on your phone
- A valid license to use the app
- Internet connection to receive the results

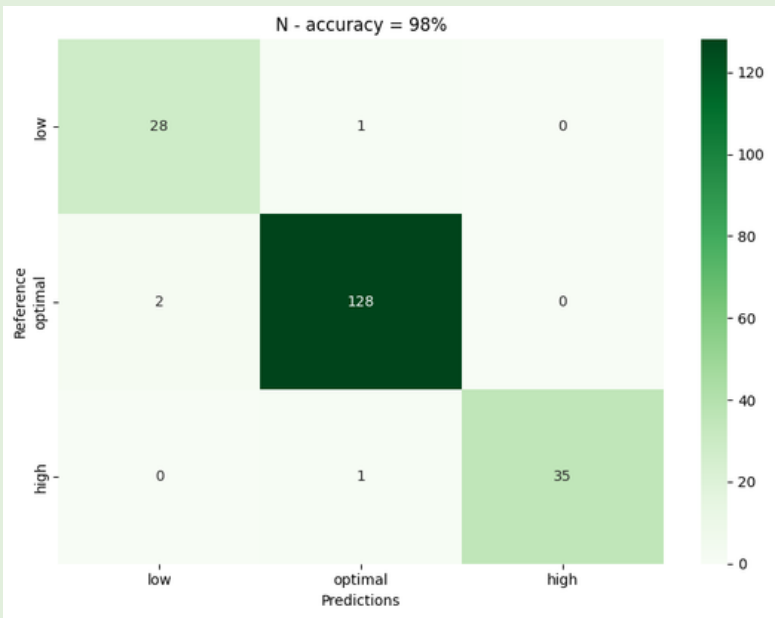


Accuracy of the analyses

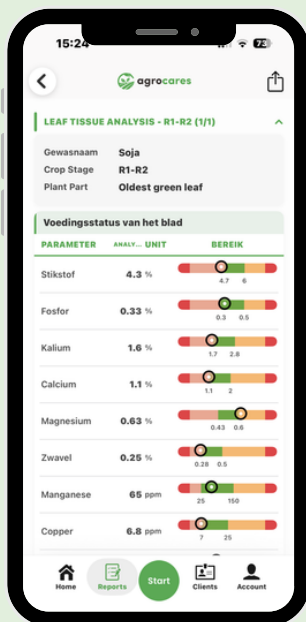
We continuously enhance our database by adding new samples to improve the accuracy of our leaf analysis solution. This ongoing process allows us to refine our algorithms and ensure more precise insights for users. By incorporating diverse data, we can better understand various plant species and their health indicators. Our commitment to regular updates ultimately leads to more reliable and effective analysis for all our customers.



Graph 1 . The graph illustrates a strong correlation between the reference samples in our database and the predictions generated using the NIR sensor. The high consistency observed indicates that our sensor effectively captures the key characteristics of the samples, validating its accuracy in leaf analysis. This relationship underscores the reliability of our prediction model, reinforcing our confidence in its application for precise plant health assessments.



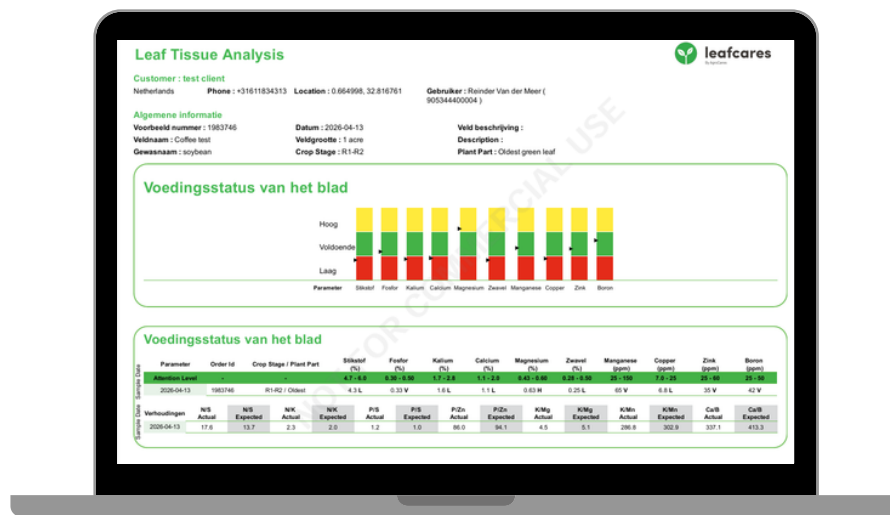
Graph 2. The graph represents the accuracy of predicting wealth classes for nitrogen content by comparing reference samples in our database with predictions made using the NIR sensor. Each row of the matrix represents the actual class of a sample (in this case N < 2.1, N 2.1-2.5 and N > 2.5), while each column represents the predicted class of a sample. The high consistency observed between the reference data and the sensor predictions highlights the effectiveness of our approach in accurately classifying nitrogen levels.



How can this solution contribute to your yield?

- Instantly check plant nutrition level before deciding on
- fertilizer application Make fact-based decisions on field
- level Early detection of nutrition deficiency problems

Combining leaf and soil analysis results to increase understanding of current nutrient level situation on the farm



Extended leaf analysis within a few minutes

Matching real-time information on leaf and soil nutrient status in an early stage will allow farmers to manage crop health more accurately.

If you want to learn more about our Solutions, please send us a message to info@agrocared.com
Visit our website via www.agrocared.com/.

Restore Nutrition Balance, Plant Health and Optimise Yield