



Picketa
SYSTEMS

Real-Time Tissue Analysis

Unlocking the agronomic potential needed to understand crops,
reduce fertilizer emissions and feed the growing world



Billions in yield potential and inputs are wasted every year

You can't manage what you can't measure

- +50% more crop genetic potential
- +50% of fertilizers are miss-applied
- Crops are still managed by human eyes

Labs aren't built for broadacre farming

Turnaround is too slow to actively manage, so only high-value crops, researchers, or yield competitors use tissue testing regularly.

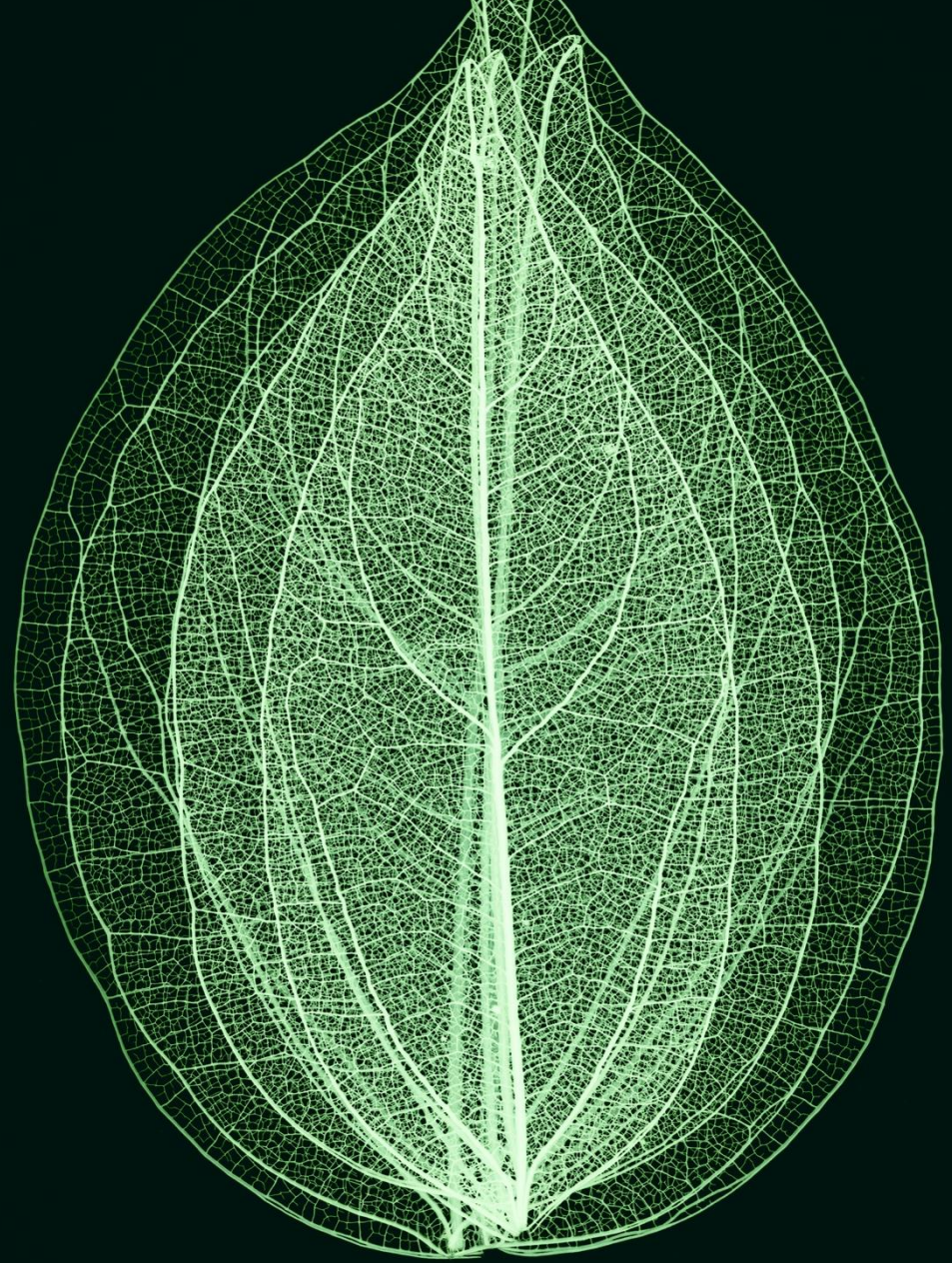
Farmers are flying blind on crop nutrition.

If **nutrient levels in leaf tissue** is the single most impactful metric for crop nutrient needs, yield, quality and in-season management...

Why is it not available when you need it?

Picketa Systems was created so you can

**Know your Crop,
Grow your Potential**

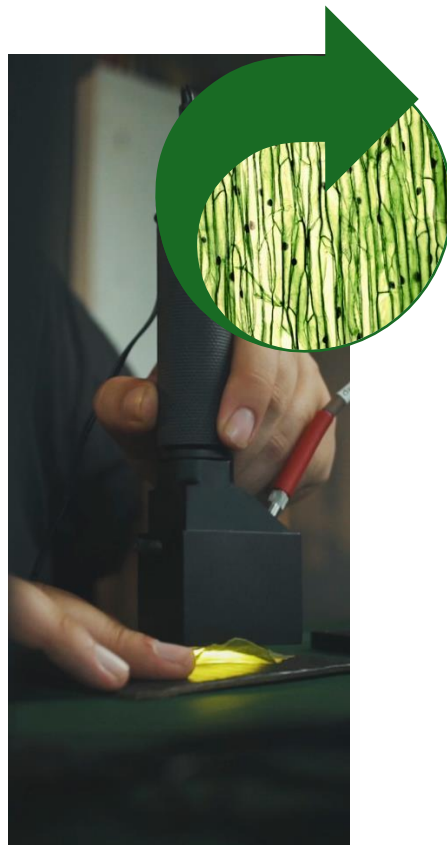


Full Nutrient Analysis with Required Critical Levels

- Scan 10 leaves for 13 essential nutrients
- Get results in 2-3 minutes, not weeks
- No prep needed, sample anywhere
- The ultimate precision crop management system



Product



Catch deficiencies early to protect yields, saving seasons and generating a clear 10x ROI for farmers.

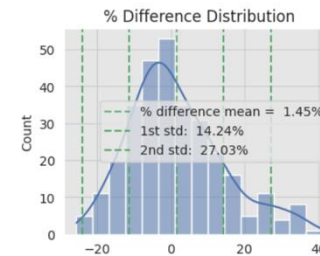
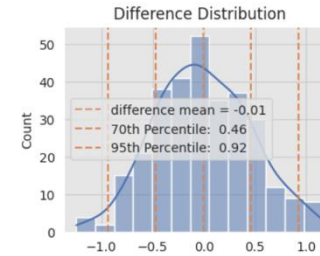
Creating a Reliable Baseline for Tissue Analysis

The LENS examines samples by comparing with past samples, matching patterns in the leaf structure with nutrient conditions.

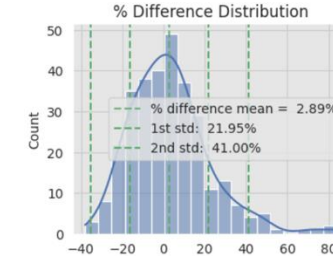
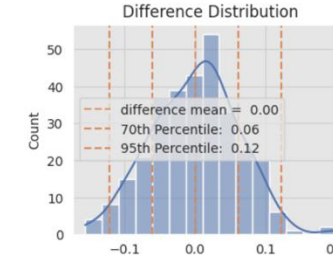
The LENS accurately predicts the nutrient concentrations of samples of calibrated crops, currently supporting Corn, Potato and Canola.

Conducting trials in wheat, soybeans, canola, onions, carrots and other crops with the goal of creating a consistent standard to evaluate all major crops.

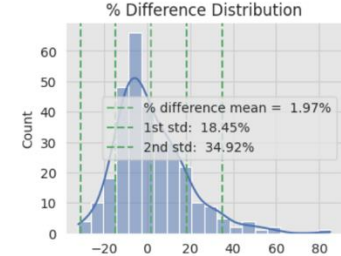
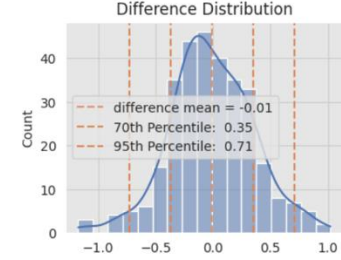
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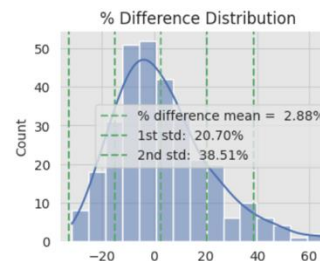
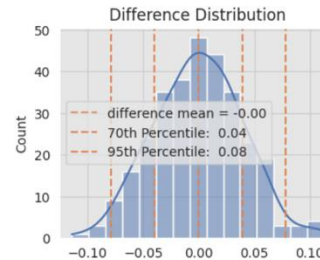
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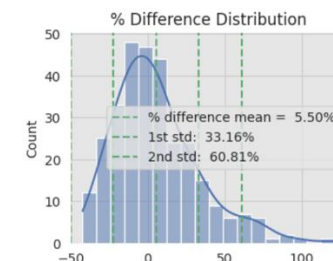
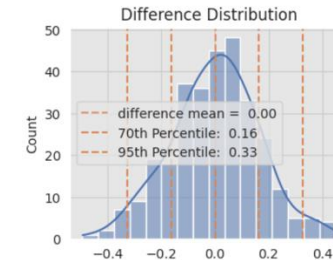
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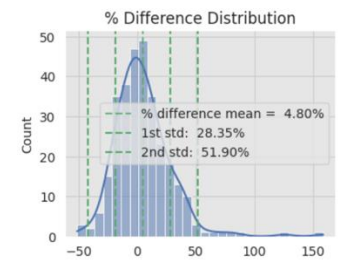
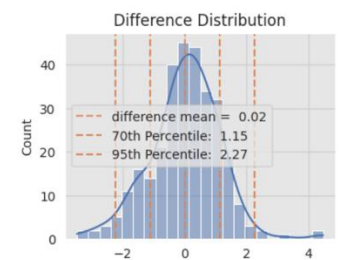
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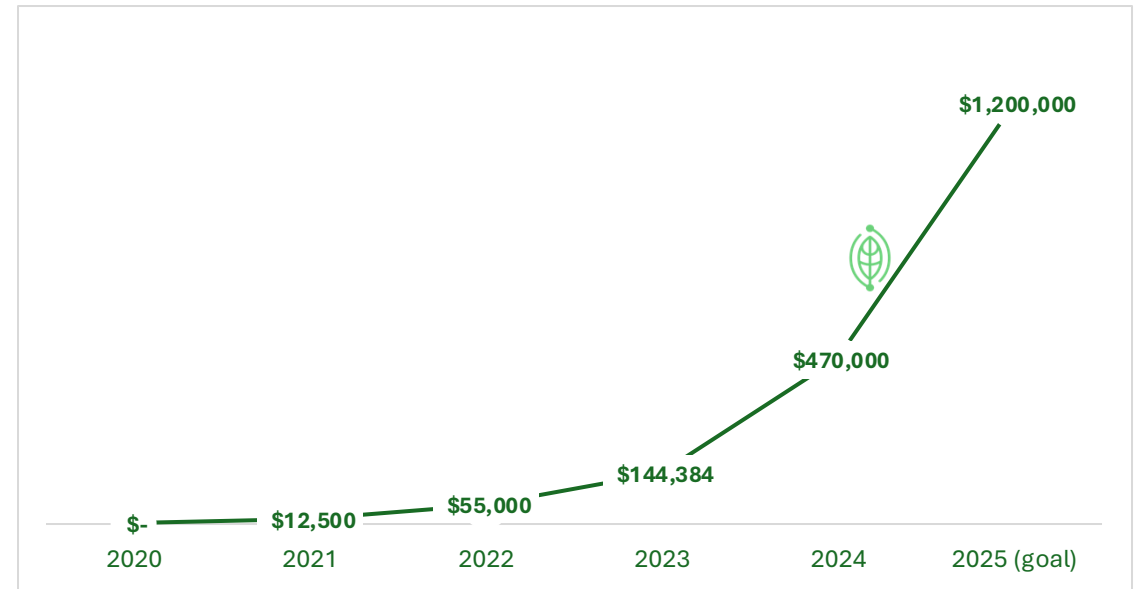


Tripling ARR YoY from Agronomist Adoption

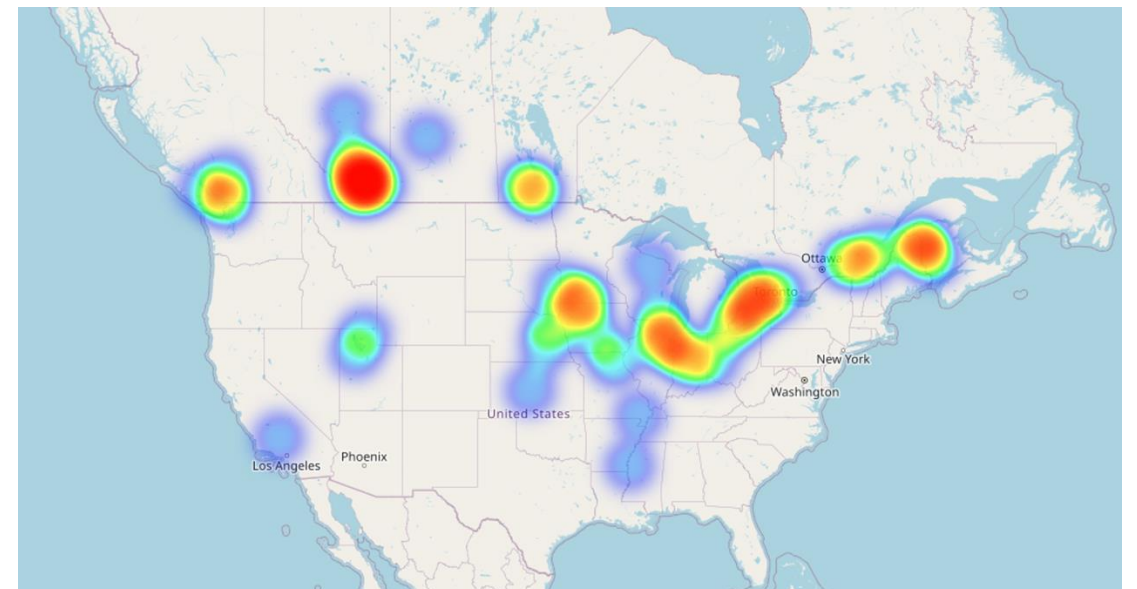
Hardware-Enabled SaaS Business Model includes LENS, FieldBook, Support & Data Validation.

- Average Revenue per LENS is \$18,500
- +60% unit margin & 1.1-year equipment payback
- Leads increased 558.24% in Q1 2025 to 508.

Cashflow positive summer 2025 with burn rate of \$69,959 per month, achieved with only 2 crops supported (Corn and Potatoes) & founder-led sales.



In 2024 sample locations from 27 agronomist clients across Canada and 13 US states.



Making a high-value practice mainstream

Total Addressable Market

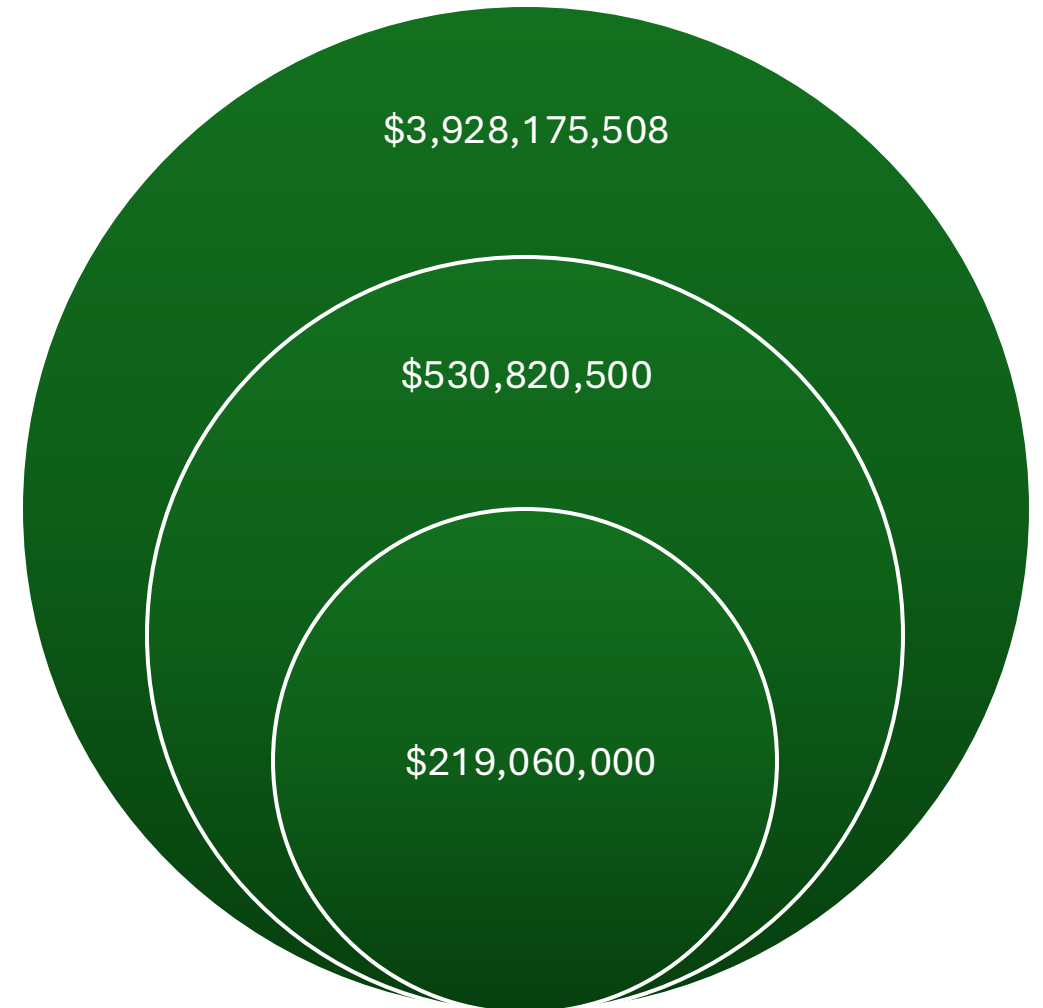
Picketa's average revenue per acre across all US and Canadian acres.

Serviceable Addressable Market

Yearly revenue from all 28,693 U.S. ag retailer with addresses in Farm Journal Database.

Serviceable Obtainable Market

Current yearly spend on laboratory plant tissue analysis.



Get in Touch with us Today!

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Know Your Crop, Grow Your Potential