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SOILWIZ

Soi/wiZ

TURNING SOIL SALINITY FROM A
RISK INTO A MANAGEBLE FACTOR

The Problem

Salinity Threatens Global Food Security

- **Increasing Salinity:** Over 1 billion hectares of arable land are affected by salinity, and the problem is growing.
- **Reduced Yields:** Salinity significantly reduces crop yields, impacting farmer livelihoods and global food production.
- **Economic Losses:** Billions of dollars are lost annually due to salt-induced crop damage.
- **Limited Solutions:** Current solutions are often **expensive or ineffective**.



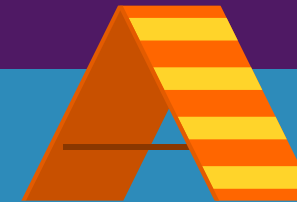
About Us

Founded in Israel (2023)



Born from a vision to empower farmers with accessible precision agriculture.

Agile & Value-Driven



As a bootstrapped startup, we prioritize delivering practical solutions and rapid innovation to meet farmers' evolving needs.

Mission Statement



Empowering Every Farmer with Intelligent Soil Insights.

Proven in Diverse Fields



Our solution is successfully deployed across a growing variety of crops, including avocados, tomatoes, and blueberries, demonstrating its versatility.

Early Success & Pilots



We've secured our first customers in Israel and are conducting promising Proof of Concepts (PoCs) in the UAE, Spain, and Portugal, signaling global interest.

Proprietary Technology



Our core technology is patented in Israel and the US, with patents pending in key global agricultural markets.

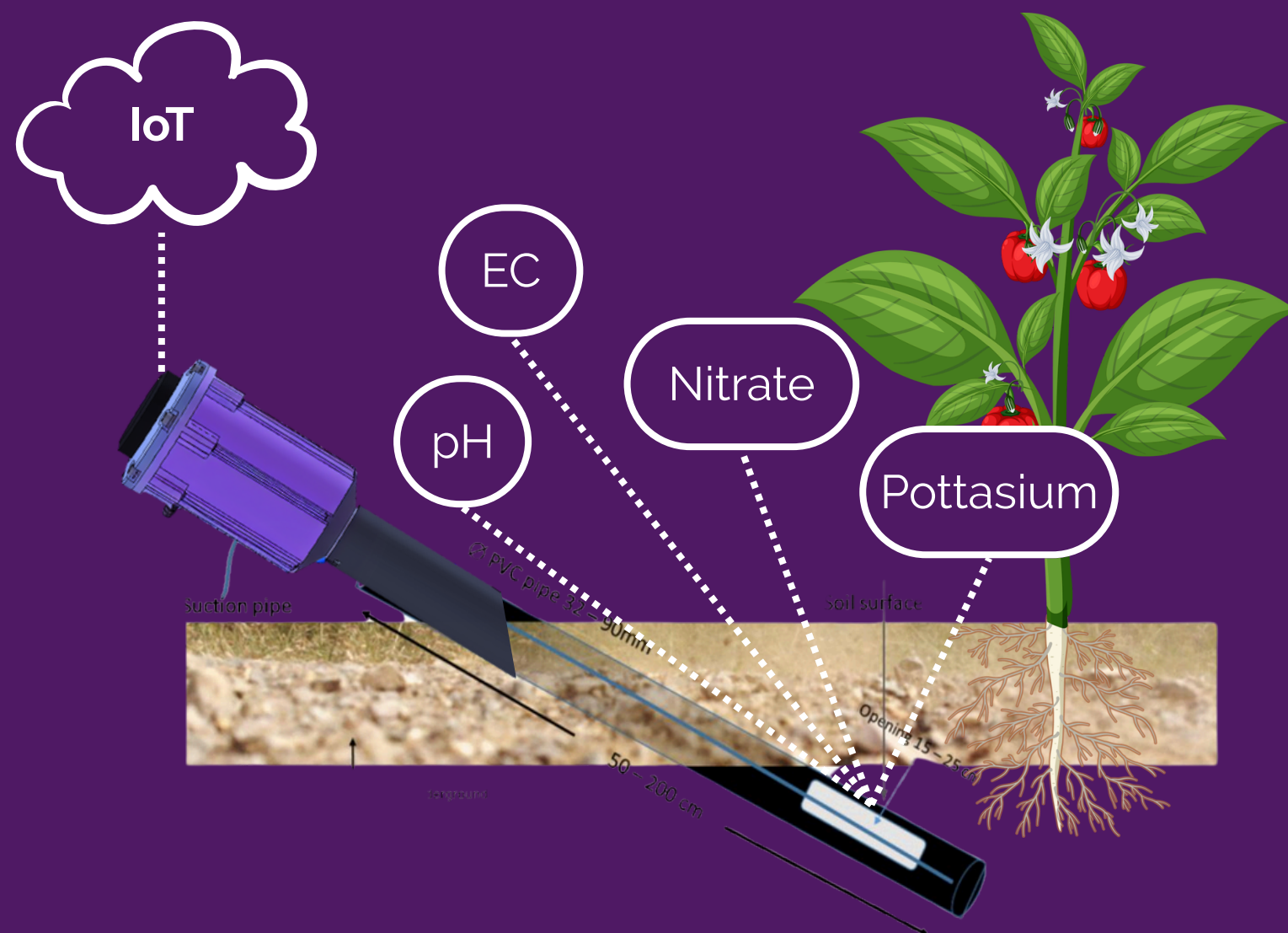
The SoilWiz Product

✓ High ROI ✓ Simple ✓ Accurate

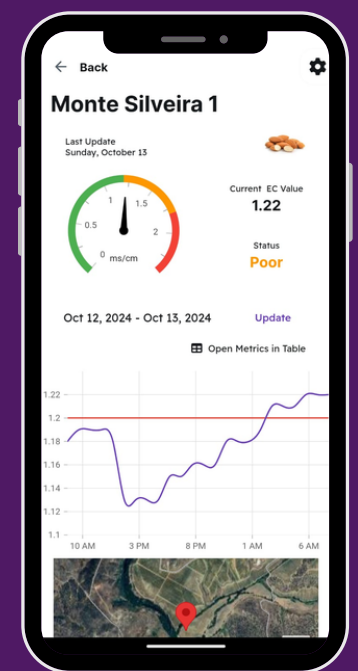
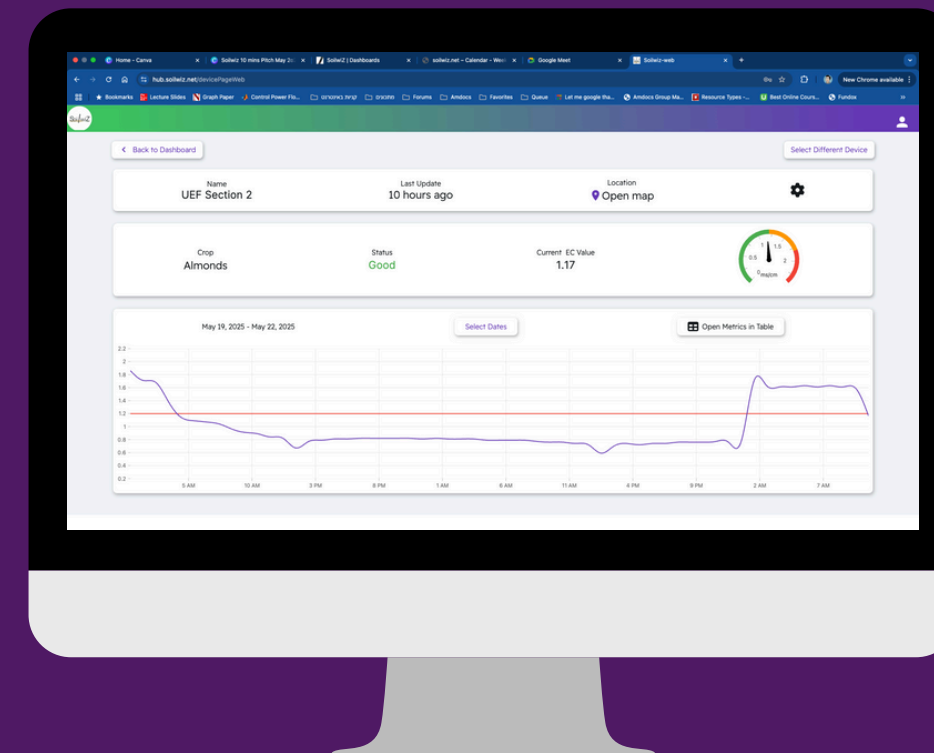
By precisely monitoring soil salinity, SoilWiz empowers farmers to slash irrigation water usage by up to **30%**, translating to substantial cost savings and a rapid return on investment.



Micro-Lysimeter (Hardware): Precision at its Core



Soilwiz Application (SaaS): Actionable Insights



Competitive Advantages

Effortless Integration & Actionable Insights



Our technology simplifies soil solution analysis, significantly reducing the learning curve and operational overhead. Farmers can seamlessly integrate SoilWiz into their existing workflows, saving valuable time and resources for quicker, data-driven decisions.

Flexible & Affordable Solutions for Every Farm



The flexibility of our solution, offering options from manual devices to SaaS and the use of single sensors, creates a valuable and adaptable solution that fits the budget of any farmer, including those in regions new to agricultural technology. We deliver exceptional value at a competitive price point.

Eliminate Guesswork with Reliable Soil Insights



Inaccurate or inconsistent soil data can lead to costly mistakes. SoilWiz provides farmers with reliable, lab-grade soil solution analysis, eliminating the guesswork and enabling data-driven interventions that maximize efficiency and profitability.

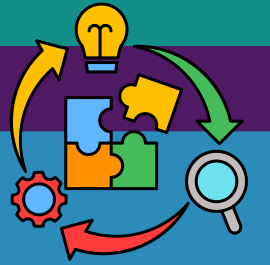
Milestones

Core Technology Patent



Granted in the United States and Israel, providing strong protection for our unique Micro-Lysimeter technology. Patents are also pending in key global agricultural markets including Europe, India, China, and Australia, signifying our long-term vision for international expansion and safeguarding our intellectual property.

Robust & Field-Ready MVPs



Our Hardware and Software Minimum Viable Products have undergone extensive field testing across diverse crop types and environmental conditions in Israel. These MVPs are now fully functional, actively collecting and analyzing soil solution data, and are prepared for efficient and reliable mass production to meet anticipated market demand.

Traction: Building Momentum



We have successfully secured our first paying customers within Israel's innovative agricultural sector, providing feedback and validation for our solution. Also, conducting promising Proof of Concepts (PoCs), signaling global Interest in the UAE, Spain, Portugal and Botswana.

Validating Our Innovation and Potential



Recognition as a leading innovator and highlighting our commitment to sustainable farming practices:

- RegenUp 2024 Startup Competition: Finalist.
- RegenAg 2024 Startup Competition: Finalist.
- Gulfood Green 2024 Startup Competition: Semi-Finalist.
- Food Sec & Tec Startup Competition 2023: Finalist.

Testimonial

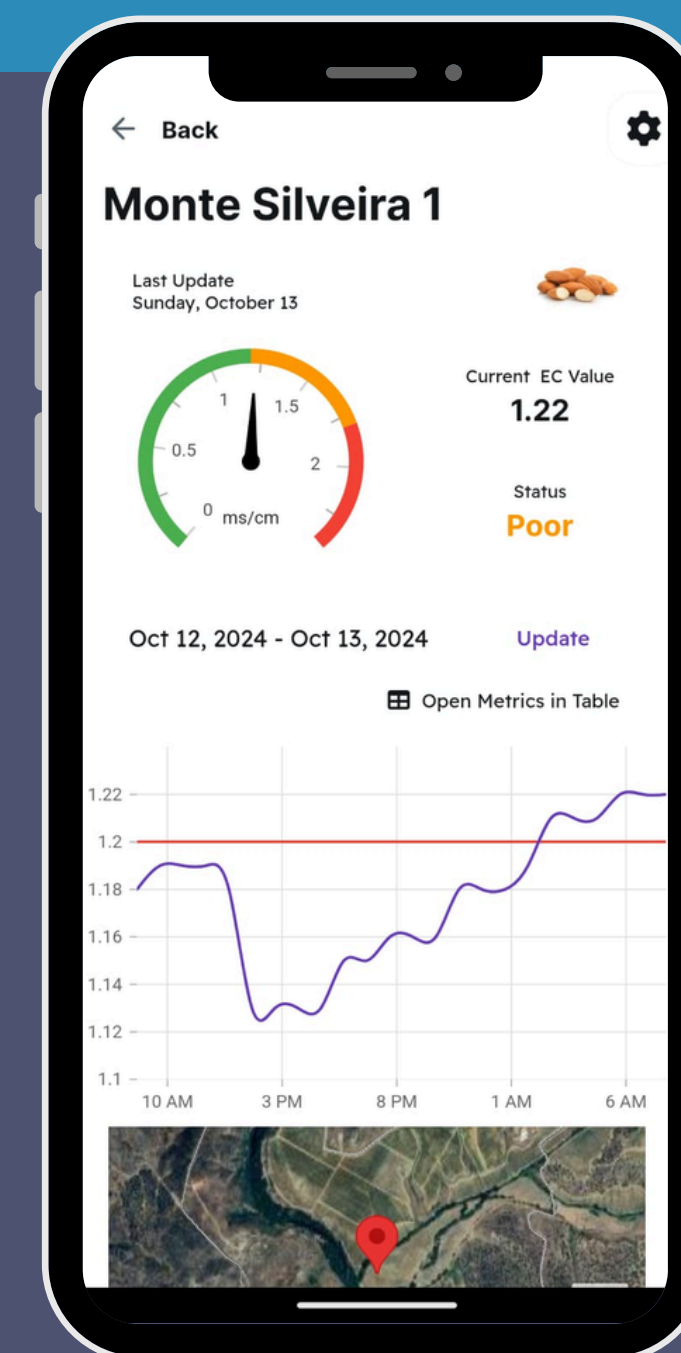


Monte Silveira, Portugal - Almonds

“The integration of the SoilWiz probe at Monte Silveira Farm has proven invaluable for understanding the complex interactions between soil salinity, rainfall, and fertiliser dynamics. The real-time EC measurements enabled by SoilWiz not only verified the soil conditions through cross-checks with manual probes but also provided critical insights into the delayed nutrient release from organic fertiliser.

This understanding will allow the farm to adjust its irrigation and fertilisation strategies, thereby supporting optimal tree growth and reinforcing its commitment to regenerative, precision agriculture.”

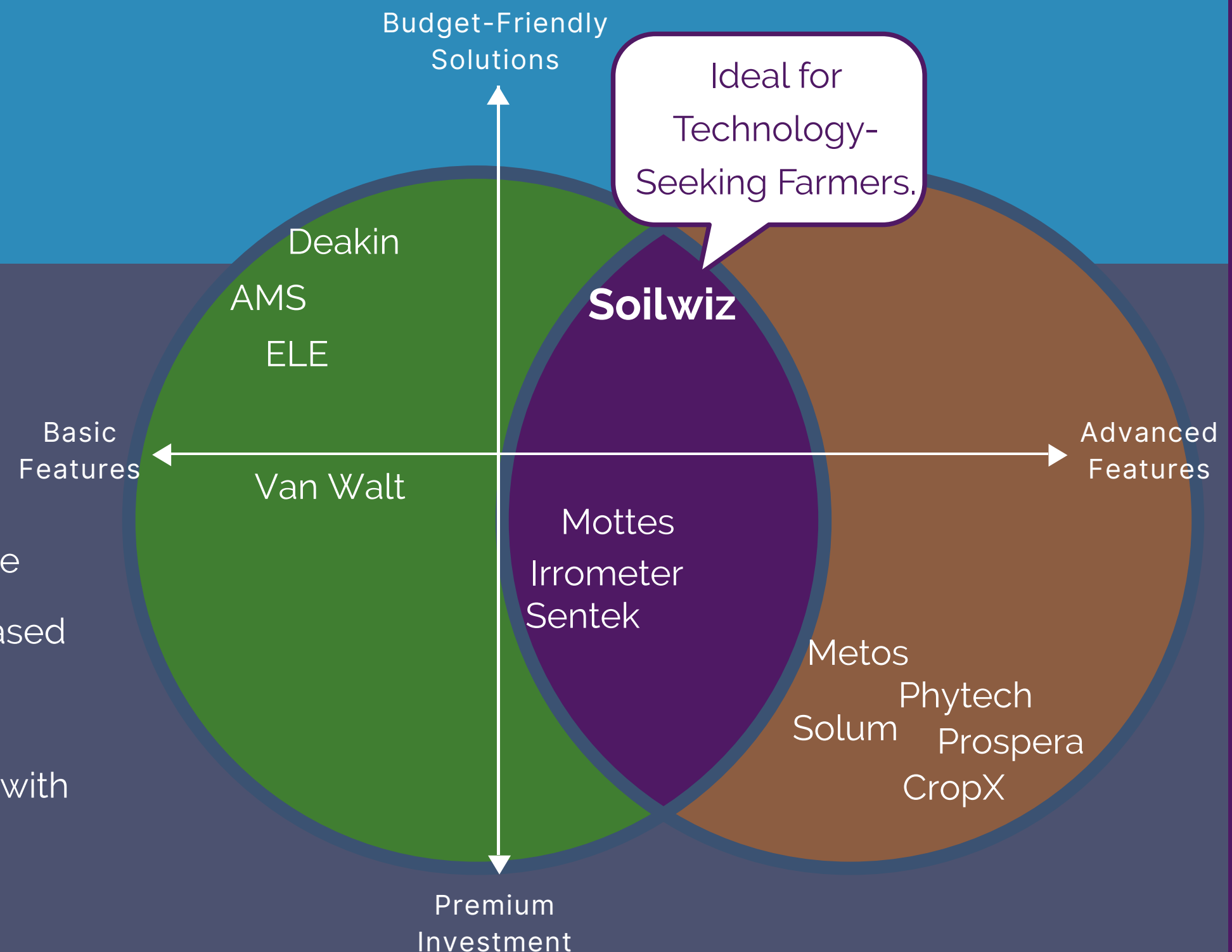
Diogo Pinho, PhD - R&D Director @ Monte Silveira Farm



Competitive Analysis

Soilwiz offers the perfect balance of powerful insights and accessible technology for a significant segment of the agricultural market.

- Empowering Small to Medium Farmers
 - Extending Value for Large Farms
 - Soilwiz is the right solution for both smallholder and large farmers looking for cost-effective, simple technology-based precision agriculture.
- Leverage Soilwiz's APIs to integrate our soil intelligence with existing systems for enhanced data-driven decisions.



Thank You

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