



Unlock the Value of Healthy Soil

www.tierraspec.com

STAGE

- MVP
- Global validation

KEY ACHIEVEMENTS

- POC
- Local validations



IP

- Two exclusive patents licensed

INVESTORS



OPPORTUNITY

We are amid a **soil health crisis**:

- 50% of agricultural soils are being degraded
- Annual productivity losses of ~\$400B
- 30% increase in agricultural-based products by 2035

The current soil monitoring approaches are labor-intensive, lack granularity and scalability. Limiting optimal soil-management for optimal inputs and outputs, and hindering ag-derived carbon credit potential revenues.

SOLUTION & TECHNOLOGY

TierraSpec is developing a proven and patented **soil-intelligence platform** based on over 30 years of academic research. Leveraging satellite high resolution data, machine learning with tens of thousand of certified global soil laboratory results to deliver remote, on demand high resolution soil health status and actionable insight.



Scientifically proven



Accurate & Remote



Holistic



Scalable & Cost-effective

OPPORTUNITY & STRATEGY

TAM \$18.5B from 3.7 billion acres of global arable land, an SAM \$4.85 billion based on ~\$5 per acre in soil measurements.

MANAGEMENT TEAM

Avital Levy-Lior, PhD, Eng. | Co-Founder & CEO

15 years' experience in transferring academic innovation from bench to industry management .

Prof. Eyal Ben-Dor | Co-Founder & CSO

30+ years' of experience in soil spectral analysis and remote sensing.

Amit Hazan | Head of Software Development

7+ years' of architecture and SW development.