



The Problem

- Farming is Guesswork Without Data
- 126 million small & marginal farmers in India struggle with soil degradation.
- Phosphorus depletion leads to poor crop growth & financial losses.
- Soil testing is expensive, time-consuming, and inaccessible.
- Overuse of fertilizers causes environmental damage & high costs.
- Farmers need an easy, real-time way to check soil health!

The Solution - Spectra Grow

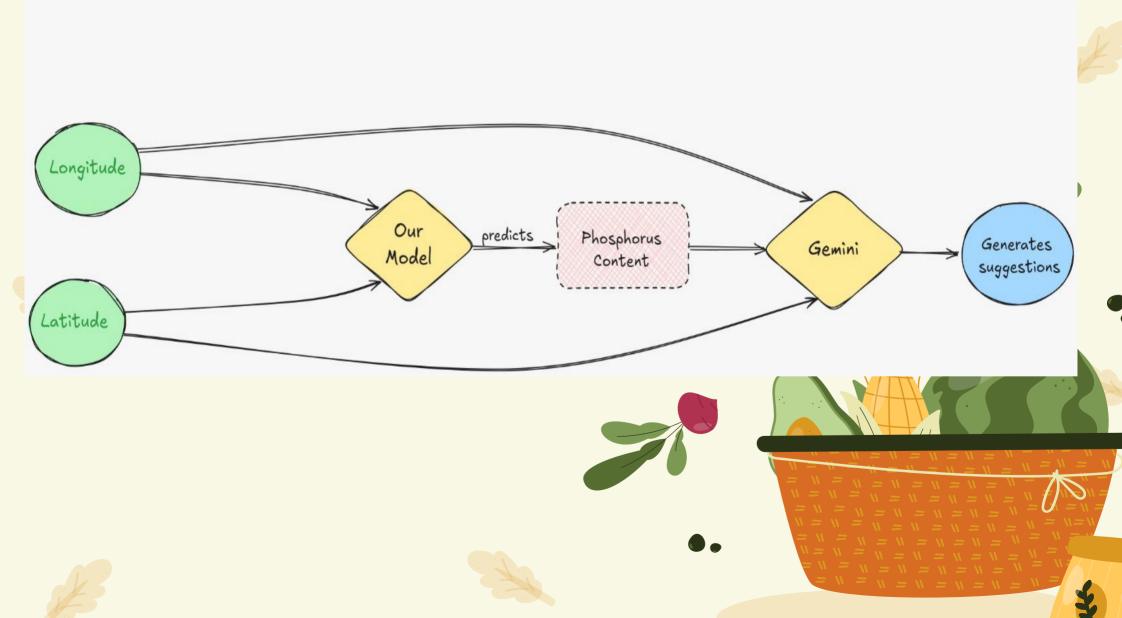
- Instant Soil Health Prediction Using Just GPS
- Farmers enter their **latitude & longitude**.
- Al fetches phosphorus data from geospatial databases & satellites.
- ML models analyze soil quality & recommend optimal fertilizers.
- Accessible via mobile-friendly app with regional language support.
- No expensive tests. No waiting. Just instant Al insights!

Features

AI powered Soil Analysis Multilingual Support Sustainability-Focused Smart Recommendations



How it works?





What Makes Us Unique?

- No Hardware Needed Only a phone & GPS!
- 🔖 AI + Satellite Data More accurate than traditional soil tests.
- Mobile-First & Multilingual Designed for small farmers.
- Sustainable Reducing over-fertilization & improving soil health.

