**AgriTech (Supporting Document)**

**Prototype**

Experience the platform in action with its live deployment—where everything’s real and clickable. It brings together farmers, buyers, equipment suppliers, and grocery sellers through a sleek, AI-enabled interface—without the fluff.

* **Live Deployment:** You can jump in and explore the full working version of the platform yourself.
* **Website Link :** - [Website](https://agri-tech-sage.vercel.app/)

**Proof of Concept**

This isn’t just an idea—it’s fully functional and demonstrates how stakeholders connect and use tools like yield prediction and disease detection.

**Market Research — AgriTech in India & Beyond**

1. India’s Agritech market is growing steadily—from about USD 878 million in 2024 to an estimated USD 6.15 billion by 2033, reflecting a 10.9% annual growth rate.
2. Globally, agritech is booming too—valued at around USD 24.4 billion in 2024 and expected to nearly double, reaching about USD 49 billion by 2030, with an annual growth of 12.3%.
3. A broader estimate sees the global market starting at roughly USD 8.15 billion in 2024 and rising to USD 34.8 billion by 2034, growing at an even stronger 15.3% annually.

**Cost-Benefit Analysis**

|  |  |  |
| --- | --- | --- |
| **Stake Holder** | **Costs** | **Benefits** |
| **Development & Hosting** | Ongoing server costs (Vercel). | Streamlined operations, faster feature rollouts, intuitive UI exposure |
| **Farmers** | Learning curve, platform fees | Higher earnings, fair pricing, AI insights for better yields |
| **Buyers** | |  | | --- | |  |  |  | | --- | | Platform onboarding | | Direct links to farms, quality control, competitive pricing |
| **Suppliers** | Listing management & logistics coordination | Wider outreach, matched demand from verified users |
| **Grocery** | Possible commission or logistic collaboration | Fresh produce access, timely delivery, cost-effective sourcing |