

# AgroFusion Data Room

## Executive Summary

- **Founded:** 2018
- **Location:** San Jose, California, USA
- **Team:** 120 employees (25 PhDs, 35 agronomists)

## Financial Overview

- **Revenue (2023):** \$12M
- **Projected Revenue (2024):** \$25M
- **Burn Rate:** \$850,000/month
- **Previous Funding:** \$15M (Series A)

## Technology

- **Precision Farming Tools:** Utilizing advanced IoT sensors and AI-powered satellite imaging.
- **Bioengineered Seeds:** Designed for arid and nutrient-depleted soils.
- **Mobile Platform:** Provides real-time data on weather patterns, pest risks, and market trends.
- **Regenerative Farming:** Techniques for restoring soil health and capturing carbon.
- **Patents:** 7 patents pending across seed technology, IoT applications, and data analytics.

## Market Analysis

- **Total Addressable Market (TAM):** \$200B by 2030
- **Current Market Share:** 0.8%
- **Industry Partners:** 12 partnerships with agribusiness giants like Cargill and Bayer.
- **Key Differentiator:** 3x improvement in yield outcomes over competitors using proprietary tools.

## Use of Funds

- **R&D:** 50% (including next-gen IoT and bioengineered crops)
- **Marketing and Sales:** 20% (expanding presence in emerging markets)
- **Infrastructure:** 15% (building regional hubs for distribution)
- **Talent Acquisition:** 10% (hiring agronomists and data scientists)
- **Operations:** 5%

## Risk Factors

- **Regulatory Approval:** Variability across regions for bioengineered seeds.
- **Climate Volatility:** Extreme weather events can impact performance metrics.
- **Competition:** Rising players in AgTech and existing dominance of industry giants.
- **Adoption Barriers:** Resistance to technology adoption by traditional farmers.

## Impact Metrics

- **Carbon Sequestration:** 250,000 metric tons in 2023 (projected 1M tons in 2024).
- **Water Savings:** 35% reduction through precision irrigation.
- **Yield Increase:** 3x compared to non-optimized methods.