

Artificial Intelligence For Agriculture Market

The global AI market size to reach

\$997,77 billion by 2028

Grand View Research

The overall AI in agriculture market to grow to

\$3.8 billion by 2024

Statista

Global agricultural production will rise

69% between 2010 and 2050

Business Insider

12 million

the number of agricultural IoT devices by 2023

Business Insider

500K

the average amount of data points that an average farm generates per day

IBM

Key Market Drivers

- Growing population & urbanization
- Government provision for the adoption of innovative AgTech
- Climate change
- New consumer preferences
- Increasing supply chain efficiency
- International regulations



Leading Industry Trends In AgTech

- Agricultural biotechnology
- Indoor farming
- Precision pollination
- IoT and connected devices
- Agricultural robotics
- Edge computing for smart agriculture

AI AgTech Use Cases



AGRICULTURE ROBOTS



PRECISION FARMING



WEATHER PREDICTION



CROP HEALTH & SOIL MONITORING



INTELLIGENT SPRAYING & IRRIGATION



CROP PEST DETECTION

Key Benefits

1 YIELD IMPROVEMENT

2 PROFIT INCREASE

3 CROP & LIVESTOCK DISEASE PREVENTION

4 SUSTAINABLE FARMING

5 COST SAVINGS

6 MINIMIZED LABOR SHORTAGE



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