

Global AI in Agriculture Market Growth (Status and Outlook) 2024-2030

<https://marketpublishers.com/r/GD014E7D84BEEN.html>

Date: February 2024

Pages: 85

Price: US\$ 3,660.00 (Single User License)

ID: GD014E7D84BEEN

Abstracts

The report requires updating with new data and is sent in 48 hours after order is placed.

According to this study, the global AI in Agriculture market size will reach US\$ 1573.5 million by 2030.

Artificial intelligence (AI) is a program that can adapt itself to execute tasks in real-time situations using cognitive processing as the human mind. As the program can analyze and adapt itself to real-time situations, it does not require constant supervision. In the agriculture industry, on the basis of application, AI technology has been segmented into robotics, crop and soil management, and animal husbandry.

China and the United States are two leaders in AI industry. On the AI 100 list (2022) released by CB Insights, the number of companies in the United States ranks first, with more than 70 companies, followed by the United Kingdom, with 8 companies on the list. China and Canada both holds 5 companies on the list. According to data from the China Academy of Information and Communications Technology, the scale of China's core artificial intelligence industry reached ?508 billion in 2022, a year-on-year increase of 18%. From 2013 to November 2022, the cumulative number of patent applications for artificial intelligence inventions in the world reached 729,000, and the cumulative number of applications in China reached 389,000, accounting for 53.4%. However, the Global Artificial Intelligence Innovation Index Report 2021 released by the China Institute of Scientific and Technological Information shows that the overall strength of the United States is still far ahead. The number of artificial intelligence companies in the United States is about 4,670, while China has only 880. China's data center is less than 1/37 of that of the United States.

This report presents a comprehensive overview, market shares, and growth opportunities of AI in Agriculture market by product type, application, key players and key regions and countries.

Segmentation by product type:

Machine Learning

Computer Vision

Predictive Analytics

Segmentation by Application:

Precision Farming

Livestock Monitoring

Drone Analytics

Agriculture Robots

Others

This report also splits the market by region:

United States

China

Europe

Other regions:

Japan

South Korea

Southeast Asia

Rest of world

The report also presents the market competition landscape and a corresponding detailed analysis of the major players in the market. The key players covered in this report:

Ag Leader Technology

Trimble

John Deere

Iteris

AGCO

aWhere

Gamaya

Granular

Raven Industries

Prospera

Skysquirrel Technologies

Contents

1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered

2 EXECUTIVE SUMMARY

- 2.1 World Market Overview
 - 2.1.1 Global AI in Agriculture Market Size 2024-2030
 - 2.1.2 AI in Agriculture Market Size CAGR by Region
- 2.2 AI in Agriculture Segment by Type
 - 2.2.1 Machine Learning
 - 2.2.2 Computer Vision
 - 2.2.3 Predictive Analytics
- 2.3 AI in Agriculture Market Size by Type
 - 2.3.1 Global AI in Agriculture Market Size Market Share by Type (2024-2030)
 - 2.3.2 Global AI in Agriculture Market Size Growth Rate by Type (2024-2030)
- 2.4 AI in Agriculture Segment by Application
 - 2.4.1 Precision Farming
 - 2.4.2 Livestock Monitoring
 - 2.4.3 Drone Analytics
 - 2.4.4 Agriculture Robots
 - 2.4.5 Others
- 2.5 AI in Agriculture Market Size by Application
 - 2.5.1 Global AI in Agriculture Market Size Market Share by Application (2024-2030)
 - 2.5.2 Global AI in Agriculture Market Size Growth Rate by Application (2024-2030)

3 AI IN AGRICULTURE KEY PLAYERS

- 3.1 Date of Key Players Enter into AI in Agriculture
- 3.2 Key Players AI in Agriculture Product Offered
- 3.3 Key Players AI in Agriculture Funding/Investment Analysis

3.4 Funding/Investment

3.4.1 Funding/Investment by Regions

3.4.2 Funding/Investment by End-Industry

3.5 Key Players AI in Agriculture Valuation & Market Capitalization

3.6 Key Players Mergers & Acquisitions, Expansion Plans

3.7 Market Ranking

3.8 New Product/Technology Launches

3.9 Partnerships, Agreements, and Collaborations

3.10 Mergers and Acquisitions

4 AI IN AGRICULTURE BY REGIONS

4.1 AI in Agriculture Market Size by Regions (2024-2030)

4.2 United States AI in Agriculture Market Size Growth (2024-2030)

4.3 China AI in Agriculture Market Size Growth (2024-2030)

4.4 Europe AI in Agriculture Market Size Growth (2024-2030)

4.5 Rest of World AI in Agriculture Market Size Growth (2024-2030)

5 UNITED STATES

5.1 United States AI in Agriculture Market Size by Type (2024-2030)

5.2 United States AI in Agriculture Market Size by Application (2024-2030)

6 EUROPE

6.1 Europe AI in Agriculture Market Size by Type (2024-2030)

6.2 Europe AI in Agriculture Market Size by Application (2024-2030)

7 CHINA

7.1 China AI in Agriculture Market Size by Type (2024-2030)

7.2 China AI in Agriculture Market Size by Application (2024-2030)

8 REST OF WORLD

8.1 Rest of World AI in Agriculture Market Size by Type (2024-2030)

8.2 Rest of World AI in Agriculture Market Size by Application (2024-2030)

8.3 Japan

8.4 South Korea

8.5 Southeast Asia

9 MARKET DRIVERS, CHALLENGES AND TRENDS

9.1 Market Drivers & Growth Opportunities

9.2 Market Challenges & Risks

9.3 Industry Trends

10 KEY INVESTORS IN AI IN AGRICULTURE

10.1 Company A

10.1.1 Company A Company Details

10.1.2 Company Description

10.1.3 Companies Invested by Company A

10.1.4 Company A Key Development and Market Layout

10.2 Company B

10.2.1 Company B Company Details

10.2.2 Company Description

10.2.3 Companies Invested by Company B

10.2.4 Company B Key Development and Market Layout

10.3 Company C

10.3.1 Company C Company Details

10.3.2 Company Description

10.3.3 Companies Invested by Company C

10.3.4 Company C Key Development and Market Layout

10.4 Company D

10.5

11 KEY PLAYERS ANALYSIS

11.1 Ag Leader Technology

11.1.1 Ag Leader Technology Company Details

11.1.2 Ag Leader Technology AI in Agriculture Product Offered

11.1.3 Ag Leader Technology AI in Agriculture Market Size (2024 VS 2030)

11.1.4 Ag Leader Technology Main Business Overview

11.1.5 Ag Leader Technology News

11.2 Trimble

11.2.1 Trimble Company Details

11.2.2 Trimble AI in Agriculture Product Offered

- 11.2.3 Trimble AI in Agriculture Market Size (2024 VS 2030)
- 11.2.4 Trimble Main Business Overview
- 11.2.5 Trimble News
- 11.3 John Deere
 - 11.3.1 John Deere Company Details
 - 11.3.2 John Deere AI in Agriculture Product Offered
 - 11.3.3 John Deere AI in Agriculture Market Size (2024 VS 2030)
 - 11.3.4 John Deere Main Business Overview
 - 11.3.5 John Deere News
- 11.4 Iteris
 - 11.4.1 Iteris Company Details
 - 11.4.2 Iteris AI in Agriculture Product Offered
 - 11.4.3 Iteris AI in Agriculture Market Size (2024 VS 2030)
 - 11.4.4 Iteris Main Business Overview
 - 11.4.5 Iteris News
- 11.5 AGCO
 - 11.5.1 AGCO Company Details
 - 11.5.2 AGCO AI in Agriculture Product Offered
 - 11.5.3 AGCO AI in Agriculture Market Size (2024 VS 2030)
 - 11.5.4 AGCO Main Business Overview
 - 11.5.5 AGCO News
- 11.6 aWhere
 - 11.6.1 aWhere Company Details
 - 11.6.2 aWhere AI in Agriculture Product Offered
 - 11.6.3 aWhere AI in Agriculture Market Size (2024 VS 2030)
 - 11.6.4 aWhere Main Business Overview
 - 11.6.5 aWhere News
- 11.7 Gamaya
 - 11.7.1 Gamaya Company Details
 - 11.7.2 Gamaya AI in Agriculture Product Offered
 - 11.7.3 Gamaya AI in Agriculture Market Size (2024 VS 2030)
 - 11.7.4 Gamaya Main Business Overview
 - 11.7.5 Gamaya News
- 11.8 Granular
 - 11.8.1 Granular Company Details
 - 11.8.2 Granular AI in Agriculture Product Offered
 - 11.8.3 Granular AI in Agriculture Market Size (2024 VS 2030)
 - 11.8.4 Granular Main Business Overview
 - 11.8.5 Granular News

11.9 Raven Industries

11.9.1 Raven Industries Company Details

11.9.2 Raven Industries AI in Agriculture Product Offered

11.9.3 Raven Industries AI in Agriculture Market Size (2024 VS 2030)

11.9.4 Raven Industries Main Business Overview

11.9.5 Raven Industries News

11.10 Prospera

11.10.1 Prospera Company Details

11.10.2 Prospera AI in Agriculture Product Offered

11.10.3 Prospera AI in Agriculture Market Size (2024 VS 2030)

11.10.4 Prospera Main Business Overview

11.10.5 Prospera News

11.11 Skysquirrel Technologies

12 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

Table 1. AI in Agriculture Market Size CAGR by Region (2024-2030) (\$ Millions)

Table 2. Major Players of Machine Learning

Table 3. Major Players of Computer Vision

Table 4. Major Players of Predictive Analytics

Table 5. Global AI in Agriculture Market Size by Type (2024-2030) (\$ Millions)

Table 6. Global AI in Agriculture Market Size Market Share by Type (2024-2030)

Table 7. Global AI in Agriculture Market Size by Application (2024-2030) (\$ Millions)

Table 8. Global AI in Agriculture Market Size Market Share by Application (2024-2030)

Table 9. Date of Global Key Players Enter into AI in Agriculture Market

Table 10. Global Key Players AI in Agriculture Product Offered

Table 11. Key Players AI in Agriculture Funding/Investment (\$ Millions)

Table 12. Funding/Investment by Regions

Table 13. Funding/Investment by End Industry

Table 14. Key Players AI in Agriculture Valuation & Market Capitalization (\$ Millions)

Table 15. Key Players Mergers & Acquisitions, Expansion Plans

Table 16. AI in Agriculture New Product/Technology Launches

Table 17. AI in Agriculture Industry Partnerships, Agreements, and Collaborations

Table 18. AI in Agriculture Industry Mergers and Acquisitions

Table 19. Global AI in Agriculture Market Size by Regions 2024-2030 (\$ Millions)

Table 20. Global AI in Agriculture Market Size Market Share by Regions 2024-2030

Table 21. United States AI in Agriculture Market Size by Type (2024-2030) (\$ Millions)

Table 22. United States AI in Agriculture Market Size Market Share by Type (2024-2030)

Table 23. United States AI in Agriculture Market Size by Application (2024-2030) (\$ Millions)

Table 24. United States AI in Agriculture Market Size Market Share by Application (2024-2030)

Table 25. Europe AI in Agriculture Market Size by Type (2024-2030) (\$ Millions)

Table 26. Europe AI in Agriculture Market Size Market Share by Type (2024-2030)

Table 27. Europe AI in Agriculture Market Size by Application (2024-2030) (\$ Millions)

Table 28. Europe AI in Agriculture Market Size Market Share by Application (2024-2030)

Table 29. China AI in Agriculture Market Size by Type (2024-2030) (\$ Millions)

Table 30. China AI in Agriculture Market Size Market Share by Type (2024-2030)

Table 31. China AI in Agriculture Market Size by Application (2024-2030) (\$ Millions)

Table 32. China AI in Agriculture Market Size Market Share by Application (2024-2030)

Table 33. Rest of World AI in Agriculture Market Size by Type (2024-2030) (\$ Millions)

Table 34. Rest of World AI in Agriculture Market Size Market Share by Type
(2024-2030)

Table 35. Rest of World AI in Agriculture Market Size by Application (2024-2030) (\$
Millions)

Table 36. Rest of World AI in Agriculture Market Size Market Share by Application
(2024-2030)

Table 37. Key Market Drivers & Growth Opportunities of AI in Agriculture

Table 38. Key Market Challenges & Risks of AI in Agriculture

Table 39. Key Industry Trends of AI in Agriculture

Table 40. Company A Company Details

Table 41. Companies Invested by Company A

Table 42. Company A Key Development and Market Layout

Table 43. Company B Company Details

Table 44. Companies Invested by Company B

Table 45. Company B Key Development and Market Layout

Table 46. Company C Company Details

Table 47. Companies Invested by Company C

Table 48. Company C Key Development and Market Layout

Table 49. Company C Company Details

Table 50. Companies Invested by Company C

Table 51. Company C Key Development and Market Layout

Table 52. Ag Leader Technology Basic Information, Head Office, Major Market Areas
and Its Competitors

Table 53. Ag Leader Technology AI in Agriculture Market Size (2024 VS 2030)

Table 54. Trimble Basic Information, Head Office, Major Market Areas and Its
Competitors

Table 55. Trimble AI in Agriculture Market Size (2024 VS 2030)

Table 56. John Deere Basic Information, Head Office, Major Market Areas and Its
Competitors

Table 57. John Deere AI in Agriculture Market Size (2024 VS 2030)

Table 58. Iteris Basic Information, Head Office, Major Market Areas and Its Competitors

Table 59. Iteris AI in Agriculture Market Size (2024 VS 2030)

Table 60. AGCO Basic Information, Head Office, Major Market Areas and Its
Competitors

Table 61. AGCO AI in Agriculture Market Size (2024 VS 2030)

Table 62. aWhere Basic Information, Head Office, Major Market Areas and Its
Competitors

Table 63. aWhere AI in Agriculture Market Size (2024 VS 2030)

Table 64. Gamaya Basic Information, Head Office, Major Market Areas and Its Competitors

Table 65. Gamaya AI in Agriculture Market Size (2024 VS 2030)

Table 66. Granular Basic Information, Head Office, Major Market Areas and Its Competitors

Table 67. Granular AI in Agriculture Market Size (2024 VS 2030)

Table 68. Raven Industries Basic Information, Head Office, Major Market Areas and Its Competitors

Table 69. Raven Industries AI in Agriculture Market Size (2024 VS 2030)

Table 70. Prospera Basic Information, Head Office, Major Market Areas and Its Competitors

Table 71. Prospera AI in Agriculture Market Size (2024 VS 2030)

Table 72. Skysquirrel Technologies Basic Information, Head Office, Major Market Areas and Its Competitors

Table 73. Skysquirrel Technologies AI in Agriculture Market Size (2024 VS 2030)

List Of Figures

LIST OF FIGURES

- Figure 1. Picture of AI in Agriculture
- Figure 2. AI in Agriculture Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global AI in Agriculture Market Size Growth Rate 2024-2030 (\$ Millions)
- Figure 7. AI in Agriculture Market Size by Region (2024 & 2030) (\$ millions)
- Figure 8. Global AI in Agriculture Market Size Market Share by Type (2024-2030)
- Figure 9. Global Machine Learning Market Size Growth Rate
- Figure 10. Global Computer Vision Market Size Growth Rate
- Figure 11. Global Predictive Analytics Market Size Growth Rate
- Figure 12. AI in Agriculture in Precision Farming
- Figure 13. Global AI in Agriculture Market: Precision Farming (2024-2030) (\$ Millions)
- Figure 14. AI in Agriculture in Livestock Monitoring
- Figure 15. Global AI in Agriculture Market: Livestock Monitoring (2024-2030) (\$ Millions)
- Figure 16. AI in Agriculture in Drone Analytics
- Figure 17. Global AI in Agriculture Market: Drone Analytics (2024-2030) (\$ Millions)
- Figure 18. AI in Agriculture in Agriculture Robots
- Figure 19. Global AI in Agriculture Market: Agriculture Robots (2024-2030) (\$ Millions)
- Figure 20. AI in Agriculture in Others
- Figure 21. Global AI in Agriculture Market: Others (2024-2030) (\$ Millions)
- Figure 22. Global AI in Agriculture Market Size Market Share by Application (2024-2030)
- Figure 23. Global AI in Agriculture Market Size in Precision Farming Growth Rate
- Figure 24. Global AI in Agriculture Market Size in Livestock Monitoring Growth Rate
- Figure 25. Global AI in Agriculture Market Size in Drone Analytics Growth Rate
- Figure 26. Global AI in Agriculture Market Size in Agriculture Robots Growth Rate
- Figure 27. Global AI in Agriculture Market Size in Others Growth Rate
- Figure 28. Funding/Investment
- Figure 29. Global AI in Agriculture Market Size Market Share by Regions 2024-2030
- Figure 30. United States AI in Agriculture Market Size 2024-2030 (\$ Millions)
- Figure 31. China AI in Agriculture Market Size 2024-2030 (\$ Millions)
- Figure 32. Europe AI in Agriculture Market Size 2024-2030 (\$ Millions)
- Figure 33. Rest of World AI in Agriculture Market Size 2024-2030 (\$ Millions)
- Figure 34. United States AI in Agriculture Consumption Market Share by Type in 2030

Figure 35. United States AI in Agriculture Market Size Market Share by Application in 2030

Figure 36. China AI in Agriculture Consumption Market Share by Type in 2030

Figure 37. China AI in Agriculture Market Size Market Share by Application in 2030

Figure 38. Europe AI in Agriculture Consumption Market Share by Type in 2030

Figure 39. Europe AI in Agriculture Market Size Market Share by Application in 2030

Figure 40. Rest of World AI in Agriculture Consumption Market Share by Type in 2030

Figure 41. Rest of World AI in Agriculture Market Size Market Share by Application in 2030

I would like to order

Product name: Global AI in Agriculture Market Growth (Status and Outlook) 2024-2030

Product link: <https://marketpublishers.com/r/GD014E7D84BEEN.html>

Price: US\$ 3,660.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GD014E7D84BEEN.html>