

Asia Pacific Agriculture IoT Market 2020-2030 by Offering (Hardware, Software, Services), System, Application (Precision Agriculture, Indoor Farming, Livestock, Aquaculture), and Country

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Abstracts

Internet of Things (IoT) has been transforming modern agriculture industry. Asia Pacific agriculture IoT market will grow by 17.0% annually with a total addressable market cap of \$94.88 billion over 2020-2030 driven by increasing population coupled with rise in demand for food, advancement in digital technologies, prevalent mobile devices, and government initiatives.

Highlighted with 40 tables and 39 figures, this 106-page report “Asia Pacific Agriculture IoT Market 2020-2030 by Offering (Hardware, Software, Services), System, Application (Precision Agriculture, Indoor Farming, Livestock, Aquaculture), and Country” is based on a holistic research of the entire Asia Pacific agriculture IoT market and all its sub-segments through extensively detailed classifications. Profound analysis and assessment are generated from premium primary and secondary information sources with inputs derived from industry professionals across the value chain. The report is based on studies on 2016-2019 and provides forecast from 2020 till 2030 with 2019 as the base year. (Please note: The report will be updated before delivery so that the latest historical year is the base year and the forecast covers at least 5 years over the base year.)

In-depth qualitative analyses include identification and investigation of the following aspects:

Market Structure

Growth Drivers

Restraints and Challenges

Emerging Product Trends & Market Opportunities

Porter's Fiver Forces

The trend and outlook of Asia Pacific market is forecast in optimistic, balanced, and conservative view by taking into account of COVID-19. The balanced (most likely) projection is used to quantify Asia Pacific agriculture IoT market in every aspect of the classification from perspectives of Offering, System, Application, and Country.

Based on Offering, the Asia Pacific market is segmented into the following sub-markets with annual revenue (\$ mn) for 2019-2030 included in each section.

Agriculture IoT Hardware

Automation and Control Systems

Sensing and Monitoring Devices

Navigation and Guidance Systems

Agriculture IoT Software

Cloud Based Product

On Premises Product

Agriculture IoT Services

Professional Services

Managed Services

Based on System, the Asia Pacific market is segmented into the following sub-markets with annual revenue (\$ mn) for 2019-2030 included in each section.

Tracking & Positioning Systems

- GNSS/GPS Devices

- RFID

Monitoring & Detection Systems

- Wireless Sensor Network

- UAVs/Drones

- Auto-steering & Autonomous Vehicles

Communication Systems

- Network Communication Technologies

- Standards & Protocols

Cloud Computing

Data Management Systems

Based on Application, the Asia Pacific market is segmented into the following sub-markets with annual revenue (\$ mn) for 2019-2030 included in each section.

Precision Agriculture IoT

- Crop Health Scouting

- Yield Monitoring

Water, Pest & Fertilizer Management

Climate, Weather & Soil Monitoring

Farm Mapping

Other Applications

Indoor Farming IoT

Plant and Yield Monitoring

Lighting Management

Water, Pest & Fertilizer Management

Ambient Environmental Monitoring

Other Applications

Livestock Farming IoT

Animal Health Monitoring

Milk Harvesting

Feeding Management

Breeding Management

Geofencing & Mapping

Other Applications

Fisheries and Aquaculture IoT

Animal Behavior & Health Monitoring

Feed Monitoring

Aquatic Species Tracking and Navigation

Geofencing & Mapping

Other Applications

Precision Forestry IoT

Other Applications

Geographically, the following national/local markets are fully investigated:

Japan

China

South Korea

Australia

India

Rest of APAC (further segmented into Malaysia, Singapore, Indonesia, Thailand, New Zealand, Vietnam, and Sri Lanka)

For each key country, detailed analysis and data for annual revenue (\$ mn) are available for 2019-2030. The breakdown of key national markets by Offering, System, and Application over the forecast years are also included.

The report also covers current competitive scenario and the predicted trend; and profiles key vendors including market leaders and important emerging players.

Specifically, potential risks associated with investing in Asia Pacific agriculture IoT

market are assayed quantitatively and qualitatively through GMD's Risk Assessment System. According to the risk analysis and evaluation, Critical Success Factors (CSFs) are generated as a guidance to help investors & stockholders identify emerging opportunities, manage and minimize the risks, develop appropriate business models, and make wise strategies and decisions.

Key Players (this may not be a complete list and extra companies can be added upon request):

Ag Leader Technology

AKVA Group ASA

Antelliq

Deepfield Robotics (Bosch)

Deere & Company

Delaval

Eruvaka Technologies

Farmers Edge

GEA Group

Komatsu Forest

Ponsse

PrecisionHawk Inc.

Raven Industries

Smartcultiva Corporation

Topcon Corporation

Trimble Inc.

(Please note: The report will be updated before delivery so that the latest historical year is the base year and the forecast covers at least 5 years over the base year.)

Contents

1 INTRODUCTION

- 1.1 Industry Definition and Research Scope
 - 1.1.1 Industry Definition
 - 1.1.2 Research Scope
- 1.2 Research Methodology
 - 1.2.1 Overview of Market Research Methodology
 - 1.2.2 Market Assumption
 - 1.2.3 Secondary Data
 - 1.2.4 Primary Data
 - 1.2.5 Data Filtration and Model Design
 - 1.2.6 Market Size/Share Estimation
 - 1.2.7 Research Limitations
- 1.3 Executive Summary

2 MARKET OVERVIEW AND DYNAMICS

- 2.1 Market Size and Forecast
 - 2.1.1 Impact of COVID-19 on World Economy
 - 2.1.2 Impact of COVID-19 on the Market
- 2.2 Major Growth Drivers
- 2.3 Market Restraints and Challenges
- 2.4 Emerging Opportunities and Market Trends
- 2.5 Porter's Fiver Forces Analysis

3 SEGMENTATION OF ASIA PACIFIC MARKET BY OFFERING

- 3.1 Market Overview by Offering
- 3.2 Agriculture IoT Hardware
- 3.3 Agriculture IoT Software
- 3.4 Agriculture IoT Services

4 SEGMENTATION OF ASIA PACIFIC MARKET BY SYSTEM

- 4.1 Market Overview by System
- 4.2 Tracking & Positioning Systems
- 4.3 Monitoring & Detection Systems

- 4.4 Communication Systems
- 4.5 Cloud Computing
- 4.6 Data Management Systems

5 SEGMENTATION OF ASIA PACIFIC MARKET BY APPLICATION

- 5.1 Market Overview by Application
- 5.2 Precision Agriculture IoT
- 5.3 Indoor Farming IoT
- 5.4 Livestock Farming IoT
- 5.5 Fisheries and Aquaculture IoT
- 5.6 Precision Forestry IoT
- 5.7 Other Applications

6 ASIA-PACIFIC MARKET 2019-2030 BY COUNTRY

- 6.1 Overview of Asia-Pacific Market
- 6.2 Japan
- 6.3 China
- 6.4 Australia
- 6.5 India
- 6.6 South Korea
- 6.7 Rest of APAC Region

7 COMPETITIVE LANDSCAPE

- 7.1 Overview of Key Vendors
- 7.2 New Product Launch, Partnership, Investment, and M&A
- 7.3 Company Profiles
 - Ag Leader Technology
 - AKVA Group ASA
 - Antelliq
 - Deepfield Robotics (Bosch)
 - Deere & Company
 - Delaval
 - Eruvaka Technologies
 - Farmers Edge
 - GEA Group
 - Komatsu Forest

Ponsse
PrecisionHawk Inc.
Raven Industries
Smartcultiva Corporation
Topcon Corporation
Trimble Inc.

8 INVESTING IN ASIA PACIFIC MARKET: RISK ASSESSMENT AND MANAGEMENT

8.1 Risk Evaluation of Asia Pacific Market
8.2 Critical Success Factors (CSFs)
Related Reports and Products

List Of Tables

LIST OF TABLES

Table 1. Snapshot of Asia Pacific Agriculture IoT Market, 2019-2030

Table 2. Growth Rate of World Real GDP, 2017-2021

Table 3. Main Product Trends and Market Opportunities in Asia Pacific Agriculture IoT Market

Table 4. Asia Pacific Agriculture IoT Market by Offering, 2019-2030, \$ mn

Table 5. Asia Pacific Agriculture IoT Market: Hardware by Type, 2019-2030, \$ mn

Table 6. Asia Pacific Agriculture IoT Market: Software by Deployment Mode, 2019-2030, \$ mn

Table 7. Asia Pacific Agriculture IoT Market: Service by Type, 2019-2030, \$ mn

Table 8. Asia Pacific Agriculture IoT Market by System, 2019-2030, \$ mn

Table 9. Asia Pacific Agriculture IoT Market: Tracking & Positioning Systems by Type, 2019-2030, \$ mn

Table 10. Asia Pacific Agriculture IoT Market: Monitoring & Detection Systems by Type, 2019-2030, \$ mn

Table 11. Asia Pacific Agriculture IoT Market: Communication Systems by Type, 2019-2030, \$ mn

Table 12. Asia Pacific Agriculture IoT Market by Application, 2019-2030, \$ mn

Table 13. Asia Pacific Agriculture IoT Market: Precision Agriculture IoT by Application, 2019-2030, \$ mn

Table 14. Asia Pacific Agriculture IoT Market: Indoor Farming IoT by Application, 2019-2030, \$ mn

Table 15. Asia Pacific Agriculture IoT Market: Livestock Farming IoT by Application, 2019-2030, \$ mn

Table 16. Asia Pacific Agriculture IoT Market: Fisheries and Aquaculture IoT by Application, 2019-2030, \$ mn

Table 17. APAC Agriculture IoT Market by Country, 2019-2030, \$ mn

Table 18. Japan Agriculture IoT Market by Offering, 2019-2030, \$ mn

Table 19. Japan Agriculture IoT Market by System, 2019-2030, \$ mn

Table 20. Japan Agriculture IoT Market by Application, 2019-2030, \$ mn

Table 21. China Agriculture IoT Market by Offering, 2019-2030, \$ mn

Table 22. China Agriculture IoT Market by System, 2019-2030, \$ mn

Table 23. China Agriculture IoT Market by Application, 2019-2030, \$ mn

Table 24. Australia Agriculture IoT Market by Offering, 2019-2030, \$ mn

Table 25. Australia Agriculture IoT Market by System, 2019-2030, \$ mn

Table 26. Australia Agriculture IoT Market by Application, 2019-2030, \$ mn

- Table 27. India Agriculture IoT Market by Offering, 2019-2030, \$ mn
- Table 28. India Agriculture IoT Market by System, 2019-2030, \$ mn
- Table 29. India Agriculture IoT Market by Application, 2019-2030, \$ mn
- Table 30. South Korea Agriculture IoT Market by Offering, 2019-2030, \$ mn
- Table 31. South Korea Agriculture IoT Market by System, 2019-2030, \$ mn
- Table 32. South Korea Agriculture IoT Market by Application, 2019-2030, \$ mn
- Table 33. Agriculture IoT Market in Rest of APAC by Country, 2019-2030, \$ mn
- Table 34. Ag Leader Technology: Company Snapshot
- Table 35. Ag Leader Technology: Business Segmentation
- Table 36. Ag Leader Technology: Product Portfolio
- Table 37. Ag Leader Technology: Revenue, 2016-2018, \$ mn
- Table 38. Ag Leader Technology: Recent Developments
- Table 39. Risk Evaluation for Investing in Asia Pacific Market, 2019-2030
- Table 40. Critical Success Factors and Key Takeaways

List Of Figures

LIST OF FIGURES

Figure 1. Research Method Flow Chart

Figure 2. Breakdown of Primary Research

Figure 3. Bottom-up Approach and Top-down Approach for Market Estimation

Figure 4. Asia Pacific Market Forecast in Optimistic, Conservative and Balanced Perspectives, 2019-2030

Figure 5. Asia Pacific Agriculture IoT Market, 2019-2030, \$ mn

Figure 6. Impact of COVID-19 on Business

Figure 7. Primary Drivers and Impact Factors of Asia Pacific Agriculture IoT Market

Figure 8. Primary Restraints and Impact Factors of Asia Pacific Agriculture IoT Market

Figure 9. Investment Opportunity Analysis

Figure 10. Porter's Five Forces Analysis of Asia Pacific Agriculture IoT Market

Figure 11. Breakdown of Asia Pacific Agriculture IoT Market by Offering, 2019-2030, % of Sales Revenue

Figure 12. Asia Pacific Addressable Market Cap in 2020-2030 by Offering, Value (\$ mn) and Share (%)

Figure 13. Asia Pacific Agriculture IoT Market: Agriculture IoT Hardware, 2019-2030, \$ mn

Figure 14. Asia Pacific Agriculture IoT Market: Agriculture IoT Software, 2019-2030, \$ mn

Figure 15. Asia Pacific Agriculture IoT Market: Agriculture IoT Services, 2019-2030, \$ mn

Figure 16. Breakdown of Asia Pacific Agriculture IoT Market by System, 2019-2030, % of Sales Revenue

Figure 17. Asia Pacific Addressable Market Cap in 2020-2030 by System, Value (\$ mn) and Share (%)

Figure 18. Asia Pacific Agriculture IoT Market: Tracking & Positioning Systems, 2019-2030, \$ mn

Figure 19. Asia Pacific Agriculture IoT Market: Monitoring & Detection Systems, 2019-2030, \$ mn

Figure 20. Asia Pacific Agriculture IoT Market: Communication Systems, 2019-2030, \$ mn

Figure 21. Asia Pacific Agriculture IoT Market: Cloud Computing, 2019-2030, \$ mn

Figure 22. Asia Pacific Agriculture IoT Market: Data Management Systems, 2019-2030, \$ mn

Figure 23. Breakdown of Asia Pacific Agriculture IoT Market by Application, 2019-2030,

% of Revenue

Figure 24. Asia Pacific Addressable Market Cap in 2020-2030 by Application, Value (\$ mn) and Share (%)

Figure 25. Asia Pacific Agriculture IoT Market: Precision Agriculture IoT, 2019-2030, \$ mn

Figure 26. Asia Pacific Agriculture IoT Market: Indoor Farming IoT, 2019-2030, \$ mn

Figure 27. Asia Pacific Agriculture IoT Market: Livestock Farming IoT, 2019-2030, \$ mn

Figure 28. Asia Pacific Agriculture IoT Market: Fisheries and Aquaculture IoT, 2019-2030, \$ mn

Figure 29. Asia Pacific Agriculture IoT Market: Precision Forestry IoT, 2019-2030, \$ mn

Figure 30. Asia Pacific Agriculture IoT Market: Other Applications, 2019-2030, \$ mn

Figure 31. Breakdown of APAC Agriculture IoT Market by Country, 2019 and 2030, % of Revenue

Figure 32. Contribution to APAC 2020-2030 Cumulative Revenue by Country, Value (\$ mn) and Share (%)

Figure 33. Agriculture IoT Market in Japan, 2019-2030, \$ mn

Figure 34. Agriculture IoT Market in China, 2019-2030, \$ mn

Figure 35. Agriculture IoT Market in Australia, 2019-2030, \$ mn

Figure 36. Agriculture IoT Market in India, 2019-2030, \$ mn

Figure 37. Agriculture IoT Market in South Korea, 2019-2030, \$ mn

Figure 38. Agriculture IoT Market in Rest of APAC, 2019-2030, \$ mn

Figure 39. Growth Stage of Asia Pacific Agriculture IoT Industry over the Forecast Period

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