

# Asia-Pacific Smart Farming Market: Focus on Application, Hardware, Software, and Country - Analysis and Forecast, 2024-2034

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## Abstracts

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This report will be delivered in 7-10 working days. Introduction to Asia-Pacific Smart Farming Market

The Asia-Pacific smart farming market is projected to reach \$29.87 billion by 2034 from \$4.83 billion in 2024, growing at a CAGR of 19.98% during the forecast period 2024-2034. The growing use of cutting-edge technologies and a strong emphasis on sustainable farming methods are anticipated to propel the APAC smart farming market's significant expansion. The growing need for food, the requirement for effective resource management, and the incorporation of IoT, AI, and robotics into agricultural operations are the main drivers of this growth. Traditional farming practices are changing throughout the region as a result of precision farming approaches and data-driven decision-making. APAC's dedication to raising agricultural output while lowering environmental effect is further demonstrated by aggressive government programs and large investments in smart agricultural technologies. The region's commitment to agricultural innovation and sustainability is reflected in this changing environment.

The market for smart farming in Asia is expanding significantly due to the growing emphasis on sustainable agricultural methods and the growing use of cutting-edge technologies. In order to maximise agricultural output and resource management, smart farming incorporates technology like robotics, artificial intelligence (AI), the Internet of Things (IoT), and data analytics. In order to guarantee greater yields and operational efficiency, farmers are increasingly implementing precision farming techniques in

response to the region's rapidly expanding population and rising food demand.

Market expansion is greatly aided by government programs and subsidies that favour the digitisation of agriculture. To address issues with food security and lessen their impact on the environment, many nations in the region are investing in agritech breakthroughs and encouraging the use of smart farming solutions. Additionally, the presence of emerging agritech startups and partnerships between technology providers and agricultural enterprises are fostering technological advancements.

Crop monitoring, livestock management, irrigation automation, and farm management software are some of the ways that smart farming is being used in APAC. Farmers may make better decisions by using actionable insights from real-time data from sensors, drones, and satellite photos.

The APAC smart farming market is anticipated to expand gradually as digital transformation quickens and sustainable farming methods gain popularity, helping to create a robust and effective agricultural industry.

Market Segmentation:

Segmentation 1: by Application

Precision Farming or Precision Agriculture

Precision Irrigation

Yield Monitoring and Crop Scouting or Forecasting

Precision Planting

Precision Spraying

Precision Fertilization

Farm Management

Other

Livestock Monitoring and Management

Milk Harvesting

Animal Health Monitoring and Comfort

Feeding Management

Livestock Tracking

Other

Aquaculture

Feed Management

Aquatic Species Tracking and Navigation

Water Quality Management

Other

Others

## Segmentation 2: by Product Type

Hardware

Displays/Yield Monitors

Flow and Application Rate Control Valves

Farm Computers, and Mobile Devices and Laptops

Agricultural Sensors

Guidance and Steering Systems

Other

Software

Farm Operation Management

Hardware Control Application

Data and Predictive Analytics

### Segmentation 3: by Country

China

Japan

South Korea

India

Australia and New Zealand

Thailand

Rest-of-Asia-Pacific

How can this report add value to an organization?

**Product/Innovation Strategy:** This report provides a comprehensive product/innovation strategy for the APAC smart farming market, identifying opportunities for market entry, technology adoption, and sustainable growth. It offers actionable insights, helping organizations to meet environmental standards, gain a competitive edge, and capitalize on the increasing demand for eco-friendly solutions in various industries.

**Growth/Marketing Strategy:** This report offers a comprehensive growth and marketing strategy designed specifically for the APAC smart farming market. It presents a targeted approach to identifying specialized market segments, establishing a competitive advantage, and implementing creative marketing initiatives aimed at optimizing market

share and financial performance. By harnessing these strategic recommendations, organizations can elevate their market presence, seize emerging prospects, and efficiently propel revenue expansion.

**Competitive Strategy:** This report crafts a strong competitive strategy tailored to the APAC smart farming market. It evaluates market rivals, suggests methods to stand out, and offers guidance for maintaining a competitive edge. By adhering to these strategic directives, companies can position themselves effectively in the face of market competition, ensuring sustained prosperity and profitability.

### Key Market Players and Competition Synopsis

The companies that are profiled in the report have been selected based on input gathered from primary experts and analyzing company coverage, product portfolio, and market penetration.

Some of the prominent names in this market are:

KUBOTA Corporation

Eruvaka Technologies Pvt. Ltd

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