

# Global Molecular Diagnostics Market 2023

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## Abstracts

According to the latest data, the market size of the global satellite imaging for agriculture sector is expected to rise by USD 234.5 million with a CAGR of 6.26% by the end of 2029. The implementation of satellite imaging in agriculture involves utilizing satellites to capture high-resolution images of agricultural land. These images offer valuable data and insights that can be leveraged to improve agricultural systems and enhance farming practices.

One of the key benefits of satellite imaging in agriculture is its ability to enable precision farming. By continuously monitoring crops with high-frequency imaging, farmers can effectively track changes in vegetation from the pre-season to harvest. This valuable information empowers them to make well-informed decisions regarding crop management, ultimately optimizing their farming practices.

Moreover, satellite imagery plays a crucial role in promoting efficient resource utilization within the agricultural sector. By monitoring factors such as soil moisture levels, nutrient deficiencies, and crop stress, farmers can adopt data-driven approaches to irrigation, fertilization, and pest control. This enables them to allocate resources more effectively and increase overall yields.

In light of the impact of climate change on agriculture, satellite imaging assumes even greater significance. It aids farmers in adapting to changing environmental conditions by monitoring weather patterns, identifying areas prone to drought, and predicting severe weather events. Such information proves invaluable in mitigating risks and optimizing farming strategies amidst evolving climatic circumstances.

Furthermore, considering the pressing global challenge of feeding a growing population with limited arable land, satellite imaging emerges as a valuable tool for maximizing food production. By identifying suitable farmland and closely monitoring crop health,

farmers can optimize their practices and increase productivity, contributing to meeting the increasing demand for food.

The report covers market size and growth, segmentation, regional breakdowns, competitive landscape, trends and strategies for global satellite imaging for agriculture market. It presents a quantitative analysis of the market to enable stakeholders to capitalize on the prevailing market opportunities. The report also identifies top segments for opportunities and strategies based on market trends and leading competitors' approaches.

### Market Segmentation

Product: data acquisition, processing, analytics, integrated delivery platform

Application: crop health monitoring, soil mapping, forestry, others

End user: agribusiness, government and non-government agencies, research institutes, others

Region: Asia-Pacific, Europe, North America, Middle East and Africa (MEA), South America

This industry report offers market estimates and forecasts of the global market, followed by a detailed analysis of the product, application, end user, and region. The global market for satellite imaging for agriculture can be segmented by product: data acquisition, processing, analytics, integrated delivery platform. The integrated delivery platform segment is estimated to account for the largest share of the global satellite imaging for agriculture market. Satellite imaging for agriculture market is further segmented by application: crop health monitoring, soil mapping, forestry, others. The crop health monitoring segment held the largest revenue share in 2022. Based on end user, the satellite imaging for agriculture market is segmented into: agribusiness, government and non-government agencies, research institutes, others. Globally, the agribusiness segment made up the largest share of the satellite imaging for agriculture market. On the basis of region, the satellite imaging for agriculture market also can be divided into: Asia-Pacific, Europe, North America, Middle East and Africa (MEA), South America. North America was the largest contributor to the global satellite imaging for agriculture market in 2022.

### Major Companies and Competitive Landscape

The report has also analyzed the competitive landscape of the global satellite imaging for agriculture market with some of the key players being Airbus SE, EOS Data Analytics, Inc, Esri Global Inc., European Space Imaging GmbH, Farmers Edge Inc., Gamaya SA, Iceye Oy, Planet Labs PBC, Satellite Imaging Corporation (SIC),

Satellogic Inc., SpaceKnow Inc., among others. In this report, key players and their strategies are thoroughly analyzed to understand the competitive outlook of the market.

#### Scope of the Report

To analyze and forecast the market size of the global satellite imaging for agriculture market.

To classify and forecast the global satellite imaging for agriculture market based on product, application, end user, region.

To identify drivers and challenges for the global satellite imaging for agriculture market.

To examine competitive developments such as mergers & acquisitions, agreements, collaborations and partnerships, etc., in the global satellite imaging for agriculture market.

To identify and analyze the profile of leading players operating in the global satellite imaging for agriculture market.

#### Why Choose This Report

Gain a reliable outlook of the global satellite imaging for agriculture market forecasts from 2023 to 2029 across scenarios.

Identify growth segments for investment.

Stay ahead of competitors through company profiles and market data.

The market estimate for ease of analysis across scenarios in Excel format.

Strategy consulting and research support for three months.

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