

Agriculture In Iran - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts (2025 - 2030)

Market Report | 2025-06-01 | 80 pages | Mordor Intelligence

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Report description:

Agriculture In Iran Market Analysis

The agriculture in Iran market reached USD 70 billion in 2025 and is projected to advance at a 3.21% CAGR, lifting the Iran agriculture market size to USD 82 billion by 2030. Solid government investment, valued at USD 35 million for irrigation modernization, anchors stable expansion even as water scarcity and sanctions complicate day-to-day farming operations. Cereals hold the largest Iran agriculture market share, yet decisive policy shifts now favor high-value fruits, vegetables, and specialty crops destined for export, cushioning farmers against domestic price volatility. New trade corridors negotiated with China and BRICS partners expand market reach for pistachios, saffron, and fresh citrus, creating fresh income streams that reinforce rural livelihoods. Fragmented farm structures limit large-scale mechanization, but targeted subsidy schemes, technology transfers, and precision irrigation are steadily narrowing productivity gaps.

Agriculture In Iran Market Trends and Insights

Digital Irrigation and On-Farm IoT Adoption

Water scarcity has catalyzed the rapid adoption of precision irrigation technologies, with the government allocating USD 35 million specifically for modern irrigation infrastructure in 2024. Government mandates requiring smart water meters on all legal wells are accelerating farmer adoption, creating a USD 200-300 million annual market for irrigation technology providers. The convergence of water scarcity and digital solutions positions Iran as a testing ground for next-generation precision agriculture technologies

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adapted to arid climates.

Expansion of Domestic High-Tech Greenhouses

Iran's greenhouse sector has emerged as a critical component of agricultural modernization, with controlled environment agriculture offering yields up to 10 times higher than traditional field cultivation while using 90% less water. The sector benefits from Iran's abundant natural gas resources, providing cost-effective heating for year-round production cycles that can generate 3-4 harvests annually compared to single outdoor seasons. Integration of AI-powered environmental control systems enables precision management of temperature, humidity, and CO2 levels to optimize plant growth and resource utilization.

Severe Aquifer Depletion and Water-Bankruptcy Zones

Iran confronts an unprecedented water crisis with major reservoirs operating at critically low levels, including the Amir Kabir and Latyan dams serving Tehran at only 13% capacity, forcing consideration of emergency water rationing measures. The crisis has forced fundamental changes in cropping patterns, with farmers abandoning water-intensive crops and shifting toward drought-resistant varieties, though this transition constrains overall agricultural output. Emergency measures, including deep well drilling, risk contaminating remaining groundwater supplies, creating potential public health disasters that could further destabilize rural agricultural communities.

Other drivers and restraints analyzed in the detailed report include:

Government Wheat-Price Guarantees and Input Subsidies / Growing Demand for High-Value Horticulture Exports / Fragmented Land Holdings Limiting Mechanization Scale-Up /

For complete list of drivers and restraints, kindly check the Table Of Contents.

Segment Analysis

Cereals and Grains command the largest market share at 41.20% in 2024, reflecting Iran's strategic emphasis on food security through domestic grain production supported by government price guarantees and input subsidies. The segment benefits from established infrastructure and farmer expertise, though productivity constraints from aging machinery and water limitations constrain growth potential.

Fruits and Vegetables represent the fastest-growing segment with a 5.70% CAGR through 2030, driven by export market expansion and higher profit margins that incentivize farmer adoption despite increased production complexity. Recent market access agreements with China for citrus exports and strengthened trade relationships with BRICS partners are accelerating this segment's growth trajectory.

The Agriculture in Iran Market Report is Segmented by Commodity Type (Cereals and Grains, Fruits and Vegetables, and More). The Report Includes Production Analysis by Volume, Consumption Analysis by Volume and Value, Import Analysis by Volume and Value, Export Analysis by Volume and Value, and Price Trend Analysis. The Market Forecasts are Provided in Terms of Value (USD) and Volume (Metric Tons).

List of Companies Covered in this Report:

Market Overview / Market Drivers / Market Restraints / Value/Supply-Chain Analysis / Regulatory Landscape / Technological Outlook / PESTLE Analysis / List of Stakeholders /

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Additional Benefits:

The market estimate (ME) sheet in Excel format /
3 months of analyst support /

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