

Micro Irrigation Systems Market Size to Hit US\$ 23.4 Billion by 2032 | Grow CAGR by 7.8%

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UNITED STATES, July 18, 2024 /EINPresswire.com/ -- IMARC Group's report titled "Micro Irrigation Systems Market Size to Hit US\$ 23.4 Billion by 2032 | Grow CAGR by 7.8% (Global Market Size, Regional Market Size, Market Segments, Market Outlook, Market Forecast, Market Analysis, Market Trends, Market Dynamics, Market Challenges, Market Opportunities, Market Risks, Market Drivers, Market Restraints, Market Barriers, Market Entry Strategies, Market Competition, Market Structure, Market Performance, Market Growth, Market Penetration, Market Expansion, Market Innovation, Market Disruption, Market Transformation, Market Evolution, Market Resilience, Market Sustainability, Market Inclusivity, Market Accessibility, Market Affordability, Market Reliability, Market Security, Market Privacy, Market Integrity, Market Transparency, Market Accountability, Market Responsibility, Market Ethics, Market Governance, Market Regulation, Market Compliance, Market Standards, Market Best Practices, Market Innovation, Market Disruption, Market Transformation, Market Evolution, Market Resilience, Market Sustainability, Market Inclusivity, Market Accessibility, Market Affordability, Market Reliability, Market Security, Market Privacy, Market Integrity, Market Transparency, Market Accountability, Market Responsibility, Market Ethics, Market Governance, Market Regulation, Market Compliance, Market Standards, Market Best Practices)". The global micro irrigation systems market size reached US\$ 11.7 Billion in 2023. Looking forward, IMARC Group expects the market to reach US\$ 23.4 Billion by 2032, exhibiting a growth rate (CAGR) of 7.8% during 2024-2032.

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Micro irrigation systems, such as drip and sprinkler irrigation, deliver water directly to the plant roots in a controlled manner, reducing water wastage compared to traditional flood irrigation.

These systems minimize water loss due to evaporation and runoff, ensuring that a higher percentage of water reaches the plants.

In regions facing water scarcity, efficient use of available water is crucial. Micro irrigation systems allow farmers to make the most of limited water supplies, ensuring sustainable crop production.

The integration of automation and smart technologies, such as Internet of Things (IoT) devices, sensors, and controllers, allows for precise water delivery based on real-time data.

This optimizes water usage and enhances crop yields. Advanced micro irrigation systems can deliver water and nutrients directly to the root zone of plants with high precision, reducing waste and improving efficiency. The use of remote sensing technology, such as satellite imagery and drones, allows for the monitoring of soil moisture levels, crop health, and weather conditions. This data can be used to adjust irrigation schedules and amounts in real-time.

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Many governments offer subsidies to reduce the cost of purchasing micro irrigation systems. These subsidies make it more affordable for farmers to invest in advanced irrigation technologies. Governments provide grants and low-interest loans specifically for the adoption of micro irrigation systems. This financial assistance helps farmers, especially smallholders, to implement these systems without significant financial burden. Policies aimed at promoting water conservation encourage the adoption of efficient irrigation systems. Governments may mandate the use of water-saving technologies in agriculture, driving the demand for micro irrigation.

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- Antelco Pty Ltd
- Elgo Irrigation Ltd.
- Hunter Industries
- Irritec S.p.A
- Jain Irrigation Systems Ltd.
- Lindsay Corporation
- Mahindra EPC Irrigation Limited (Mahindra & Mahindra Limited)
- Nelson Irrigation Corporation
- Netafim (Orbia)
- Rain Bird Corporation
- Rivulis Irrigation Ltd.
- The Toro Company.

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- Drip Irrigation System
- Sprinkler Irrigation System

Drip irrigation system represents the largest segment as drip irrigation systems are the most efficient in water usage, delivering water directly to plant roots and minimizing evaporation and runoff.

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- Field Crops
- Orchard Crops

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IMARC Group is a leading market research company that offers management strategy and market research worldwide. We partner with clients in all sectors and regions to identify their highest-value opportunities, address their most critical challenges, and transform their businesses.

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