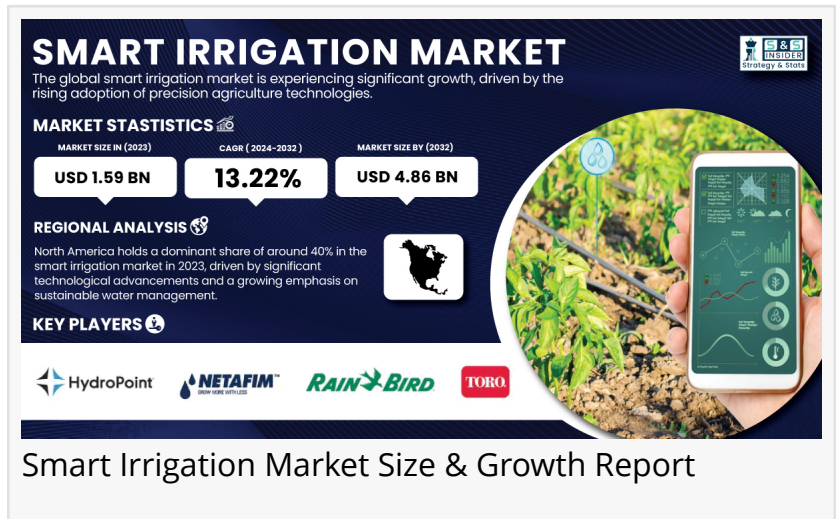


Smart Irrigation Market Set to Cross USD 4.86 Billion by 2032 | SNS Insider

The Smart Irrigation Market is driven by IoT, AI, and sensors, optimizing water use for agriculture, landscaping, and golf courses, reducing waste and costs.

AUSTIN, TX, UNITED STATES, February 5, 2025 /EINPresswire.com/ -- Market Size & Industry Insights

According to the SNS Insider Report, "The [Smart Irrigation Market](#) is expected to be USD 1.59 billion in 2023 and is projected to be USD 4.86 billion by 2032, at a CAGR of 13.22%."



smart system solutions that include IoT, AI, and sensor integration are helping to improve water efficiency, reduce water usage, and improve crop yields, leading to increasing adoption rates. These advancements are made possible and sustainable by regulatory incentives and technology adoption (e.g., sensors).

Get Free Sample PDF of Smart Irrigation Market (with Full TOC & Graphs) @ <https://www.snsinsider.com/sample-request/3380>

SWOT Analysis of Key Players as follows:

- Toro Company
- Rain Bird Corporation
- Netafim
- Hunter Industries Inc.
- HydroPoint
- Manna Irrigation Ltd.
- Stevens Water Monitoring Systems Inc.
- Galcon
- Rachio Inc.
- Weathermatic

Irrigreen
Banyan Water Inc.
Delta-T Devices Ltd.
CALSENSE
AquaSpy
Soil Scout Oy
Acclima Inc.
RainMachine – Green Electronics LLC
WiseConn Engineering
Valmont Industries Inc.

Basis of Component, Controllers to Hold Largest Market Share, Whereas Very Rapidly-growing Sensor-based Solutions in Smart Irrigation

The controller segment holds the largest share and is expected to grow at the highest rate during the forecast period, owing to Evapotranspiration (ET)-Based controllers offering the capability of optimally scheduling irrigation by using real-time weather data, this, in turn, enhances water conservation and crop yield.

In a product segment, the sensor-based segment is expected to hold the highest market share in the future owing to rising demand for soil moisture sensors, temperature sensors, rain/freezing sensors. Sensors can monitor soil conditions and environmental factors that can help with precise irrigation. Delivering more accuracy at a lower price that can work with IoT enables their adoption, leading to an increase in market growth.

By System Type, Dominance of Sensor-Based Systems in Smart Irrigation

The sensor-based segment is estimated to account for leading share of ~61% of the overall smart irrigation market in 2019, mainly due to better optimization of the watering process through real-time data. These systems check data on soil moisture, weather, and crop proximity, allowing for irrigation systems that come on when necessary and that use the exact amount of water required, minimizing waste. This segment is witnessing substantial growth owing to the increased demand for sustainable farming, conservation of resources, and technological advancements in the sensor in terms of accuracy and affordability; hence, it is expected to remain as a vital driver in the smart irrigation market.

By Application, Agriculture is Dominated Smart Irrigation Market

The smart irrigation market is primarily driven by the agriculture segment which accounted for approximately 35% of the overall market share in 2023. This is due to the increasing demand for efficient water management in crop production. Smart irrigation systems allow farmers to monitor soil moisture levels, weather, and the water requirements for their crops, so they can adjust their irrigation schedules to reduce waste and increase yields. With increasing demand

pertaining to sustainable farming along with climate change adaptation, the adoption of smart irrigation technologies in the agriculture sector is expected to promote market growth further.

Connect with Our Expert for any Queries @ <https://www.snsinsider.com/request-analyst/3380>

KEY MARKET SEGMENTS:

By Component

Controllers

Sensors

Water Flow Meters

Others

By System Type

Weather-based

Sensor-based

By Application

Agricultural

Greenhouses

Open-fields

Non-Agricultural

Residential

Turf & Landscape

Golf Courses

Others

Smart Irrigation Market: North America to Rule Asia-Pacific to Witness Fast Growth

In 2023, North America held a share of 40% in the smart irrigation market, primarily due to technology development and the emphasis on sustainable water management. The United States has undertaken strategic initiatives with significant financial investments in smart irrigation solutions, with government programs and environmental policies as catalysts for growth. Its strong infrastructure and commitment to smart agriculture will ensure it is the dominant region in food production. Asia-Pacific, on the other hand, is anticipated to be the fastest-growing region in between 2024 to 2032. Growing water scarcity and agricultural demand, along with the leading nations like China, India, and Australia, are increasingly adopting smart irrigation technologies.

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Akash Anand

SNS Insider

+1 415-230-0044

info@snsinsider.com

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