

Precision Irrigation Market Size, Share, and Outlook, 2025 Report- By Type (Sprinkler Irrigation, Drip Irrigation, Boom Irrigation), Application (Agriculture, Public Parks, Gardens, Residential Lawns, Sport Grounds, Others), Offering (Hardware, Software, Services), Software and Service (Average Set-Up Service, Video Remote Interpreting Service, Annual Maintenance Service, Data Collection Service), and Companies, 2021-2032

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Abstracts

Precision Irrigation Market Outlook

The global Precision Irrigation market is expected to register a growth rate of 8.3% during the forecast period from \$4.8 Billion in 2024 to \$9.1 Billion in 2032. The Precision Irrigation market is a thriving business that is poised to keep growing and presents potential growth opportunities for companies across the industry value chain.

The comprehensive market research report presents 12-year historic and forecast data on Precision Irrigation segments across 22 countries from 2021 to 2032. Key segments in the report include By Type (Sprinkler Irrigation, Drip Irrigation, Boom Irrigation), Application (Agriculture, Public Parks, Gardens, Residential Lawns, Sport Grounds, Others), Offering (Hardware, Software, Services), Software and Service (Average Set-Up Service, Video Remote Interpreting Service, Annual Maintenance Service, Data Collection Service). Over 70 tables and charts showcase findings from our latest survey report on Precision Irrigation markets.

Precision Irrigation Market Insights, 2025

The precision irrigation market is transforming agricultural water management by leveraging IoT, remote sensing, and data analytics to optimize water use efficiency and crop yields. Technologies such as drip irrigation, automated valves, soil moisture sensors, and weather forecasting enable site-specific irrigation scheduling and reduce resource waste. Increasing water scarcity and regulatory pressures on water conservation amplify market demand globally. Integration with farm management software and precision agriculture systems supports holistic decision-making. The market benefits from government incentives promoting sustainable agriculture and climate resilience. Continuous innovation in sensor accuracy, energy-efficient pumps, and wireless connectivity broadens adoption across diverse crop types and geographies.

Five Trends that will define global Precision Irrigation market in 2025 and Beyond

A closer look at the multi-million global market for Precision Irrigation identifies rapidly shifting consumer preferences across categories. By focusing on growth and resilience, leading Precision Irrigation companies are prioritizing their investments across categories, markets, and geographies. The report analyses the most important market trends shaping the new landscape to support better decisions for the long and short-term future.

What are the biggest opportunities for growth in the Precision Irrigation industry?

The Precision Irrigation sector demonstrated remarkable resilience over the past year across developed and developing economies. Further, the market presents significant opportunities to leverage the existing momentum towards actions by 2030. On the other hand, recent macroeconomic developments including rising inflation and supply chain disruptions are putting pressure on companies. The chapter assists users to identify growth avenues and address business challenges to make informed commercial decisions with unique insights, data forecasts, and in-depth market analyses.

Precision Irrigation Market Segment Insights

The Precision Irrigation industry presents strong offers across categories. The analytical report offers forecasts of Precision Irrigation industry performance across segments and countries. Key segments in the industry include By Type (Sprinkler Irrigation, Drip Irrigation, Boom Irrigation), Application (Agriculture, Public Parks, Gardens, Residential

Lawns, Sport Grounds, Others), Offering (Hardware, Software, Services), Software and Service (Average Set-Up Service, Video Remote Interpreting Service, Annual Maintenance Service, Data Collection Service). The largest types, applications, and sales channels, fastest growing segments, and the key factors driving each of the categories are included in the report.

Forecasts of each segment across five regions are provided from 2021 through 2032 for Asia Pacific, North America, Europe, South America, Middle East, and African regions. In addition, Precision Irrigation market size outlook is provided for 22 countries across these regions.

Market Value Chain

The chapter identifies potential companies and their operations across the global Precision Irrigation industry ecosystem. It assists decision-makers in evaluating global Precision Irrigation market fundamentals, market dynamics, and disruptive trends across the value chain segments.

Scenario Analysis and Forecasts

Strategic decision-making in the Precision Irrigation industry is multi-faceted with the increased need for planning across scenarios. The report provides forecasts across three case scenarios low growth, reference case, and high growth cases.

Asia Pacific Precision Irrigation Market Analysis A Promising Growth Arena for Business Expansion

As companies increasingly expand across promising Asia Pacific markets with a combined population of over 4.5 billion, the medium-to-long-term future remains robust. The presence of the fastest-growing economies such as China, India, Thailand, Indonesia, and Vietnam coupled with strengthening middle-class populations and rising disposable incomes drive the market. In particular, China and India are witnessing rapid shifts in consumer purchasing behavior. China is recovering steadily with optimistic forecasts for 2025. Further, Japanese and South Korean markets remain stable with most companies focusing on new product launches and diversification of sales channels.

The State of Europe Precision Irrigation Industry 2025 Focus on Accelerating Competitiveness

As companies opt for an integrated agenda for competitiveness, the year 2025 presents optimistic scenarios for companies across the ecosystem. With signs of economic recovery across markets, companies are increasing their investments. Europe is one of the largest markets for Precision Irrigation with demand from both Western Europe and Eastern European regions increasing over the medium to long-term future. Increasing omnichannel shopping amidst robust consumer demand for value purchases shapes the market outlook. The report analyses the key Precision Irrigation market drivers and opportunities across Germany, France, the United Kingdom, Spain, Italy, Russia, and other Europe.

The US Precision Irrigation market Insights Executives are most excited about opportunities for the US Precision Irrigation industry.

Easing inflation coupled with strengthening consumer sentiment is encouraging aggressive actions from the US Precision Irrigation companies. Market players consistently focusing on innovation and pursuing new ways to create value are set to excel in 2025. In addition, the Canadian and Mexican markets offer lucrative growth pockets for manufacturers and vendors. Focus on private-brand offerings and promotions, diversified sales channels, expansion into niche segments, adoption of advanced technologies, and sustainability are widely observed across the North American Precision Irrigation market.

Latin American Precision Irrigation market outlook rebounds in line with economic growth.

Underlying demand remains higher among urban consumers with an optimistic economic outlook across Brazil, Argentina, Chile, and other South and Central American countries. Increased consumer spending has been reported since H2-2024 and the prospects remain strong for 2025. Aggressive ecosystem moves to create new sources of income are widely observed across markets in the region. Marketing activities focused on customer insights, operations, and support functions are quickly gaining business growth in the region.

Middle East and Africa Precision Irrigation Markets New Opportunities for Companies Harnessing Diversity

Rapid growth in burgeoning urban locations coupled with a young and fast-growing population base is attracting new investments in the Middle East and African Precision

Irrigation markets. Designing expansion and marketing strategies to cater to the local consumer base supports the market prospects. In addition to Nigeria, Algeria, South Africa, and other markets, steady growth markets in Ethiopia, Rwanda, Ghana, Tanzania, the Democratic Republic of Congo, and others present significant prospects for companies. On the other hand, Middle Eastern Precision Irrigation markets including the UAE, Saudi Arabia, Qatar, and Oman continue to offer lucrative pockets of growth.

Competitive Landscape How Precision Irrigation companies outcompete in 2025?

The ability to respond quickly to evolving consumer preferences and adapt businesses to niche consumer segments remains a key growth factor. The report identifies the leading companies in the industry and provides their revenue for 2024. The market shares of each company are also included in the report. Further, business profiles, SWOT analysis, and financial analysis of each company are provided in detail. Key companies analyzed in the report include AquaSpy, Inc., CropMetrics LLC, Grodan B.V., Hortau Inc., Hunter Industries, Inc., Jain Irrigation Systems Limited, Lindsay Corporation, Nelson Irrigation Corporation, Netafim Ltd., Rain Bird Corporation, Rivulis Irrigation Ltd., The Toro Company, Trimble Inc., Valmont Industries, Inc.

Precision Irrigation Market Scope

Leading Segments

By Type

Sprinkler Irrigation

Drip Irrigation

Boom Irrigation

By Application

Agriculture

Public Parks, Gardens, and Residential Lawns

Sport Grounds

Others

By Offering

Hardware

Sensors

GPS/GNSS

Yield Monitors

Software

Services

By Software and Service

Average Set-Up Service

Video Remote Interpreting Service

Annual Maintenance Service

Data Collection Service

Leading Companies

AquaSpy, Inc.

CropMetrics LLC

Grodan B.V.

Hortau Inc.

Hunter Industries, Inc.

Jain Irrigation Systems Limited

Lindsay Corporation

Nelson Irrigation Corporation

Netafim Ltd.

Rain Bird Corporation

Rivulis Irrigation Ltd.

The Toro Company

Trimble Inc.

Valmont Industries, Inc.

Geographies

North AmericaUS, Canada, Mexico

EuropeGermany, France, UK, Spain, Italy, Nordics, BeNeLux, Others

Asia PacificChina, India, Japan, South Korea, Australia, South East Asia, Others

Latin AmericaBrazil, Argentina, Others

Middle East and AfricaSaudi Arabia, UAE, Other Middle East, South Africa, Other Africa

Reasons to Buy the report

Make informed decisions through long and short-term forecasts across 22 countries and segments.

Evaluate market fundamentals, dynamics, and disrupting trends set to shape 2025 and beyond.

Gain a clear understanding of the competitive landscape, with product portfolio

and growth strategies.

Get an integrated understanding of the entire market ecosystem and companies.

Stay ahead of the competition through plans for growth in a changing environment for your geographic expansion.

Assess the impact of advanced technologies and identify growth opportunities based on actionable data and insights.

Get free Excel spreadsheet and PPT versions along with the report PDF.

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By Type

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Drip Irrigation

Boom Irrigation

By Application

Agriculture

Public Parks, Gardens, and Residential Lawns

Sport Grounds

Others

By Offering

Hardware

- Sensors

- GPS/GNSS

- Yield Monitors

Software

Services

By Software and Service

Average Set-Up Service

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Hortau Inc.
Hunter Industries, Inc.
Jain Irrigation Systems Limited
Lindsay Corporation
Nelson Irrigation Corporation
Netafim Ltd.
Rain Bird Corporation
Rivulis Irrigation Ltd.
The Toro Company
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