

Global Sprinkler Irrigation System Market - Forecasts from 2020 to 2025

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Abstracts

The global Sprinkler Irrigation System market is expected to grow at a CAGR of 3.83% over the forecast period to reach a total market size of US\$1.690 billion by 2025, increasing from US\$1.349 billion in 2019. Sprinkler Irrigation means applying the water above the ground surface in the form of spray resembling rainfall through the nozzle with a pump. It has many advantages including cost and water saving. It is ideal for hilly terrains with an undulating slope. As water becomes increasingly scarce, the use of sprinkler systems is likely to grow as its use saves a lot of water. There has been significant investment from both the private and public sectors in the irrigation market which is expected to further fuel the market growth. Sprinkler irrigation is being supported by governments of various nations by providing subsidies or benefits to farmers. As there is a shift from traditional irrigation methods to the technologically advanced irrigation system, demand for sprinkler systems is expected to increase. But the high cost of installation and maintenance is expected to be a restraint for market growth.

Evolution of advance irrigation systems

Development and advancements of irrigation systems especially in developing countries for efficient use of water resources are expected to drive the growth of the market during the forecast period. Major players are investing heavily in research and development, aiming to incorporate new features such as remote-controlled systems, wireless pumps and GPS enabled systems among others in the existing product line, such efforts also propels the growth of the market in the coming years.

By type segment insight

By type, the Center Pivot segment is expected to have a significant market share as it can be used on various field sizes and have a low operating cost. By field size, the large and medium-size segment is expected to have a notable market share as return on investment is higher.

Crop-type segment analysis

By crop type, the global sprinkler irrigation systems market is segmented based on cereals, oilseed and pulses, and fruits and vegetables. Oilseed and pulses are expected to hold a significant share in the market as to achieve maximum productivity farmers are using advance irrigation practices that affect the overall profitability and quality of oil and seed and pulses. In addition, efficient water-use in extreme climatic conditions is further anticipated to boost the demand for sprinkler irrigation systems in fruits and vegetable production.

Recent update

In May 2020, the Government of Uttar Pradesh (India) launched “Pradhan Mantri Krishi Sinchayi Yojna – Per Drop More Crop Micro Irrigation” whose prime objective is a quality product and increase in productivity by adopting drip and sprinkler irrigation system in horticulture and agricultural crops.

In May 2019, a manufacturing facility for a drip and sprinkler irrigation system established by a joint venture of India's Skipper Ltd and Israel's Metzer was inaugurated in Hyderabad.

In February 2019, Reinke Manufacturing Co., Inc. announced the opening of its expanded parts distribution center in Tifton, Georgia. The new facility will serve growers in the southeast and northeast regions of the United States and will give Reinke dealers the ability to deliver state-of-the-art irrigation technology and equipment to farmers at a much faster rate than ever before.

In August 2018, Valley Irrigation, a subsidiary of Valmont Industries announced a new hybrid configuration for its machine X-Tec center drive motor. The new configuration makes the machine more efficient in terms of speed, power, and value.

In February 2018, Valmont Industries, Inc. a leading global provider of engineered products and services for infrastructure development and advance irrigation equipment and services for agriculture, announced that it has acquired a majority interest in

Indiana-based Torrent Engineering & Equipment which will allow them to even diversify their working in high-pressure water and compressed air process systems also.

By geography, North America is holding a significant share in the market

By geography, the global sprinkler irrigation system market is segmented as North America, South America, Europe, the Middle East and Africa, and the Asia Pacific. The North American region is expected to hold a significant share in the market owing to the presence of major players that are investing in the development of new and advanced irrigation systems in the region. Also, sprinkler irrigation systems are widely adopted in the United States, and with favorable government initiatives in the form of subsidies the market is anticipated to witness significant growth over the forecast period. In addition, rising disposable income coupled with the growing adoption of the sprinkler irrigation systems in the production of fruits and vegetables in developing countries like India and China is anticipated to boost the growth of the market in the Asia Pacific region.

Besides, the region is home to major sprinkler irrigation system companies and with the increasing product launches the market is expected to witness significant growth in the coming year's European region is expected to witness significant growth on account of early adoption of technology and growing investment in research and development by players in the region. Furthermore, growing oilseed and pulses production is further propelling the growth of the market in the coming years.

Competitive Insights

Prominent key market players in the sprinkler irrigation system market include Valmont Industries, Lindsay Corporation, Jain Irrigation System Ltd., The Toro Company, Rivulis Irrigation, Netafim Ltd, Rain Bird Corporation, T-L Irrigation, Reinke Manufacturing, and Mahindra EPC. The number of players in the global sprinkler irrigation system market is large and growing with the opportunity to generate significant revenues because of growing demand in both developing and developed economies. The players in the global sprinkler irrigation system market are implementing various growth strategies to gain a competitive advantage over their competitors across the globe. Major market players in the global sprinkler irrigation system market have been covered along with their relative competitive position and strategies. The report also mentions recent deals and investments of different market players over the last few years. The company profiles section details the business overview, financial performance (public companies) for the past few years, key products and services being offered along with the recent deals and investments of these important players in the global sprinkler irrigation system market.

Segmentation:

By Type

Center Pivot

Lateral move

Solid set

Others

By Application

Cereals

Oilseeds and Pulses

Fruits and Vegetables

By Mobility

Stationary

Non-Stationary

By Field size

Small fields

Medium-sized

Large fields

By Geography

North America

United States

Canada

Mexico

South America

Brazil

Argentina

Others

Europe

Germany

Spain

United Kingdom

Italy

France

Others

Middle East and Africa

Saudi Arabia

Israel

Others

Asia Pacific

China

Japan

India

South Korea

Others

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