

Greenhouse Irrigation System Market: Segmented By Type (Drip Irrigation, Micro Sprinkler Irrigation, and Boom Irrigation); By End User (Vegetables, Flowers & Ornamentals, Fruit Plants, and Nursery Crops) and Region – Global Analysis of Market Size, Share & Trends for 2019–2020 and Forecasts to 2030

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Abstracts

[171+ Pages Research Report] Global Greenhouse Irrigation System Market to surpass USD 2.6 billion by 2030 from USD 1.05 billion in 2020 at a CAGR of 9.87 % in the coming years, i.e., 2021-30.

Product Overview

Greenhouse irrigation systems include different types of irrigation systems used in a greenhouse. Greenhouse system enables plants with a favorable climate. Crops under greenhouses need sufficient water to keep good plant growth and better yield at frequent intervals. Greenhouse plants are irrigated through the application or use of a blend of such delivery systems by water to the surface, through drip pipes or overhead sprinklers and booms, or through the use of water through sub-surface irrigation. This system is used when work is limited or when accurate and frequent irrigation without wasting water is needed. These allow for climate control, allowing the crop to grow independently of the seasons.

Market Highlights

Global Greenhouse Irrigation System market is expected to project a notable CAGR of 9.87% in 2030.

Global Greenhouse Irrigation System to surpass USD 2.6 billion by 2030 from USD 1.05 billion in 2020 at a CAGR of 9.87 % in the coming years, i.e., 2021-30. Greenhouse

Irrigation market is continuously growing since it increases crop production without causing harm and also the rate of return on the crop is higher than those which are grown naturally; this irrigation system also helps them in reducing the cost of labor, usage of the land, and water. Besides, rising population coupled with food requirements worldwide is anticipated to boost the market growth over the coming years.

Global Greenhouse Irrigation System Market: Segments

Drip Irrigation segment to grow with the highest CAGR during 2020-30

Global Greenhouse Irrigation System market is segmented by type into Drip Irrigation, Micro Sprinkler Irrigation, and Boom Irrigation. Due to the early introduction by of this technology, Drip Irrigation was given the biggest portion on the market. Because of its low operating and irrigation effectiveness, irrigation water can be used at optimum and water losses can be minimized compared to other irrigation processes.

Vegetables segment to grow with the highest CAGR during 2020-30

Global Greenhouse Irrigation System is divided by end-user into Vegetables, Flowers & Ornamentals, Fruit Plants, and Nursery Crops. Vegetable segment accounted for the largest revenue share of XX.X% in 2020 owing to the high consumption of such products across the globe. Farmers across the world are producing more of vegetables in their crop portfolio, which helps them not only gain more gross revenues but also improves their cash flow situation.

Market Dynamics

Drivers

Surge in need for better irrigation systems

A growing population combined with the worldwide food demands is the main driver of the greenhouse irrigation systems market. Greenhouse Irrigation Systems ensure good agricultural growth and improved yield by frequently supplying a sufficient quantity of water. The ability to grow crops year-round is a strong catalyst for the growth of a greenhouse irrigation system market, as is increased population and government support. Accordingly, greenhouse adoption is anticipated to witness significant growth in the coming years, which will lead to higher greenhouse irrigation systems demand.

Increase in overall productivity

The exhaustion of natural resources and environmental deterioration are some of the factors that limit cultivation. Growing environmental concerns encourage farmers to focus on sustainable farming practices, like natural resource conservation. This has led to the need to improve the nutrition and protection of crops and to enhance the Greenhouse Irrigation System market. Multiple growth opportunities have been

developed through technological innovations such as vertical farms with intelligent designs to maximize yields and cut waste.

Restraint

High initial cost and limited awareness

This market is hindered by the high costs and the maintenance, and by a lack of awareness. Greenhouse irrigation system is a smart irrigation technique requiring technical knowledge. Limited knowledge about and use of advanced technologies creates an imbalance between comprehension and implementation of the concepts in the field of irrigation. While several governments and market players around the world take initiatives to provide training and advising farmers on the use of such agricultural practices, many farmers are not involved. Similarly, limited technical know-how is hindering the growth of the Greenhouse Irrigation System industry by farmers in developing countries like China, India, and Brazil.

Global Greenhouse Irrigation System Market: Key Players

The Toro Company

Company Overview, Business Strategy, Key Product Offerings, Financial Performance, Key Performance Indicators, Risk Analysis, Recent Development, Regional Presence, SWOT Analysis

Netafim Ltd

Jain Irrigation Systems Ltd

Nelson Irrigation

Lindsay Corporation

Rain Bird Corporation

Valmont Industries, Inc.

Rivulis Irrigation

EPC Industries Limited

Irritec S.p. A

Other Prominent Players

Global Greenhouse Irrigation System Market: Regions

Global Greenhouse Irrigation System market is segmented based on regional analysis into five major regions. These include North America, Latin America, Europe, Asia Pacific, and the Middle East and Africa.

Global Greenhouse Irrigation System in Asia Pacific held the largest market share of XX.X% in the year 2020. Countries in the APAC region, including China, India, and

Japan, should register strong growth over the projected period largely attributable to high forecasts for economic growth and large populations that lead to high-end product consumption. Authorities across the region are also aware of the need for policy initiatives to promote protected cultivation. The reduced interest loans and incentives for the introduction of modern and advanced micro-irrigation systems are some of the most notable government initiatives. Increasing use in various agricultural applications of technological advancements, reducing labor levels, consolidating farms, increasing population, and the increasing demand for high productivity from current farming areas are some other factors driving growth in the American Greenhouse Irrigation System market.

Global Greenhouse Irrigation System Market is further segmented by region into:
North America Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – United States and Canada

Latin America Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – Mexico, Argentina, Brazil, and Rest of Latin America

Europe Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – United Kingdom, France, Germany, Italy, Spain, Belgium, Hungary, Luxembourg, Netherlands, Poland, NORDIC, Russia, Turkey, and Rest of Europe

Asia Pacific Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – India, China, South Korea, Japan, Malaysia, Indonesia, New Zealand, Australia, and Rest of APAC

Middle East and Africa Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – North Africa, Israel, GCC, South Africa, and Rest of MENA

Global Greenhouse Irrigation System Market report also contains analysis on:
Greenhouse Irrigation System Market Segments:

By Type

Drip Irrigation

Micro Sprinkler Irrigation

Boom Irrigation

By End-User

Vegetables

Flowers & Ornamentals

Fruit Plants

Nursery Crops

Greenhouse Irrigation System Market Dynamics

Greenhouse Irrigation System Market Size

Supply & Demand

Current Trends/Issues/Challenges

Competition & Companies Involved in the Market

Value Chain of the Market

Market Drivers and Restraints

Greenhouse Irrigation System Market Report Scope and Segmentation

Frequently Asked Questions

How big is the Greenhouse Irrigation System market?

What is the Greenhouse Irrigation System market growth?

Which segment accounted for the largest Greenhouse Irrigation System market share?

Who are the key players in the Greenhouse Irrigation System market?

What are the factors driving the Greenhouse Irrigation System market?

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7. VALMONT INDUSTRIES, INC.

8. RIVULIS IRRIGATION

9. EPC INDUSTRIES LIMITED

10. IRRITEC S.P. A

11. OTHER PROMINENT PLAYERS

Consultant Recommendation

****The above-given segmentations and companies could be subjected to further modification based on in-depth feasibility studies conducted for the final deliverable.**

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