

Drip Irrigation System Market: By Dripper Type (Inline and Online); By End Use (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

[178+ Pages Research Report] Global Drip Irrigation System Market to surpass USD 12.23 billion by 2030 from USD 5.9 billion in 2020 at a CAGR of 11.6 % in the coming years, i.e., 2021-30.

Product Overview

Drip irrigation system enables controlled water utilization, where water slowly is transferred to the plants' root system. Water is drained on the surface of the ground over the roots, or directly into the root zone, using this method. This method is intended to lessen the evaporation of water. Drip irrigation, properly installed and managed by controlling evaporation and drainage, can assist in significant water conservation processes. It can be used efficiently and control desertification for all soil types. The drip system also helps to supply organic materials and nutrients through the drip pipes to the plants. It is the most sustainable water irrigation method since only the required surface needs less water and wets. This system is able to produce high yields with scarce resources that have driven demand for farming.

Market Highlights

Global Drip Irrigation System market is expected to project a notable CAGR of 11.6 % in 2030.

The main driving forces behind the growth of Drip irrigation systems market include government initiatives, water conservation activities, enhancement of production, and decrease in production cost. The increasing need for optimal crop production with

scarce funds gives it tremendous popularity among farmers. Furthermore, the drip irrigation system has the potential to provide better yield with limited water supply which is expected to drive the demand for global drip irrigation system over the forecast period.

Global Drip Irrigation System Market: Segments

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

Global Drip Irrigation System market is segmented by Dripper Type into Inline and Online. Inside the laterals, inline emitters are usually equally distant. Inline emitters can be flat, cylindrical, boat-shaped, or connected to the inner sidewall. Inline emitters are generally used to produce onion, chili, potatoes, turmeric, veggies, sugarcane, or cotton for row crops or field crops. They are made of high-quality low-density linear polyethylene. They offer maximum tolerance to obstruction.

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

Global Drip Irrigation System is divided by End-Use into Vegetables, Flowers & Ornamentals, Fruit Plants, and Nursery Crops. The main driving forces behind the growth of this segment include increased agricultural mechanisms in developing countries, lower labor costs as a result of growing demography, increased pressure for food supplies in the world as a result of increasing population, significant savings on smart farming techniques, and government initiatives to adopt advanced agricultural technology.

Market Dynamics

Drivers

Surge in demand for better irrigation systems

A growing population combined with the worldwide food demand is the main driver of the Drip irrigation systems market. Drip 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 Drip irrigation system market, as is increased population and government support. Accordingly, Drip adoption is anticipated to witness significant growth in the coming years, which will lead to higher Drip irrigation systems demand.

Increasing adoption of sustainable farming practice

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 Drip

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

The market is hindered by the high costs and the maintenance, and by a lack of awareness. Drip irrigation system is an intelligent 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 Drip Irrigation System market.

Global Drip 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 Drip Irrigation System Market: Regions

Global Drip 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 Drip 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,

registered 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 the growth of the Drip Irrigation System market.

Global Drip Irrigation System 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 Drip Irrigation System Market report also contains analysis on:

Drip Irrigation System Market Segments:

By Dripper Type

Inline

Online

By End-User

Vegetables

Flowers & Ornamentals

Fruit Plants

Nursery Crops

Drip Irrigation System Market Dynamics

Drip 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

Drip Irrigation System Market Report Scope and Segmentation

Frequently Asked Questions

How big is the Drip Irrigation Systems market?

What is the Drip Irrigation Systems market growth?

Which segment accounted for the largest Drip Irrigation Systems market share?

Who are the key players in the Drip Irrigation Systems market?

What are the factors driving the Drip Irrigation Systems market?

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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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