

Drippers Market - Global Industry Size, Share, Trends, Opportunity, and Forecast, 2018-2028F Segmented By Type (Inline & Online), By Crop Type (Field Crops, Fruits & Nuts and Vegetable Crops), By Region and Competition

<https://marketpublishers.com/r/D5FCC3F7232AEN.html>

Date: August 2023

Pages: 114

Price: US\$ 4,900.00 (Single User License)

ID: D5FCC3F7232AEN

Abstracts

The Global Drippers Market is expected to grow with an impressive CAGR in the forecast period of 2024-2028. The market for drippers is growing due to the increasing attention of governments in different countries towards better and upgraded farming facilities.

Drip irrigation is a highly efficient and precise method of delivering water directly to the roots of plants. This method involves the slow and steady release of water through a network of pipes, tubes, or hoses with emitters called drippers or micro-sprinklers, ensuring that water reaches the plant's root zone without wastage. This targeted approach to irrigation has gained significant popularity and is widely used in various agricultural, horticultural, and landscaping applications. Drippers are equipment used to water plants through long pipes or pipelines, via small-diameter holes or openings throughout the pipelines.

In countries such as India, Turkey, etc., where water scarcity is a major issue, their governments are introducing drip irrigation to increase crop yield by providing sufficient water to the plants and reducing over-usage of water, thus supporting the market growth for drippers. Drip irrigation systems provide precise and uniform water distribution across the cultivated area. The emitters or drippers are designed to deliver water in controlled quantities, ensuring each plant receives the required moisture. This uniformity helps maintain consistent soil moisture levels, prevents over- or under-watering, and promotes healthy plant growth. The usage of drippers in the irrigation of

crops results in the conservation of water by directly watering the roots of the plants, making it a preferred choice for irrigation in areas with water shortage.

Increasing Government Initiatives for Supporting Farmers

The rise in the launch of several government schemes and initiatives in different countries to support crop production and the rising demand for sustainable methods to improve crop yield are creating an increase in demand for drippers in the market. Governments provide incentives, subsidies, and grants to farmers for adopting drip irrigation systems as part of their water conservation efforts. Additionally, governments offer financial assistance to farmers to invest in drip irrigation infrastructure. This support helps offset the initial costs associated with purchasing and installing drip irrigation systems, making it more affordable and accessible for farmers. For instance, to facilitate the use of precision irrigation, Netafim, a provider of solutions for precision agriculture with its headquarters in Israel, established its first production facility in North Africa. Additionally, the launching of new schemes such as providing incentives or compensation for the usage of sustainable solutions such as drippers further supports the demand, leading to market growth. For instance, in India, in 2022, the government of Andhra Pradesh announced their expenditure budget of approximately USD181 million to introduce drip irrigation facilities on the 3.75 lakh acres of agricultural land available in the state.

Reducing Water Wastage

The increasing demand for drippers is highly influenced by the shortage of water across the globe. Due to increased pollution and water scarcity, the reduced percentage of usable water for irrigation purposes is leading to the development of smart solutions such as the usage of drippers. Drippers perform slow watering in the plants, starting from the topsoil, and reducing soil problems such as soil erosion in the field. This maintains soil fertility and irrigation property, thereby supporting the increased usage of drippers in the forecast period. For instance, in Turkey, the government initiated programs for wastewater management by introducing essential irrigation facilities such as drip irrigation and constructing more underground dams, which altogether induced water conservation in the country.

Increased Crop Production by Drip Irrigation Method

There has been a rise in application of the drip irrigation technique for irrigating agricultural crops, such as orchard crops, vegetables, flowers, and even plantation

cultivations. The drip irrigation method, using drippers, is an efficient technique for water and nutrient delivery during crop production. Drippers deliver water efficiently by maintaining soil nutrient balance, thus reducing harmful soil incidences like soil erosion. This leads to a reduction in fertilizer over-usage, benefiting the producer to the maximum extent and contributing to market growth. Additionally, drip irrigation allows soil aeration and prevents wetting of foliage, thereby avoiding fungal infection in plants to a larger extent. The total farm productivity is expected to increase by 40-50% with drip irrigation.

For instance, in 2022, a US-based company, Hunter Industries Inc., updated their HE and HEB family of Point source emitters with new colors that effortlessly mix or blend in the surrounding environment. These color codings were implemented for fast flow identification and featured coined edges for easy gripping during installation, thereby enhancing their product portfolio for drippers.

Market Segmentation

The Global Drippers Market is segmented based on the Type, Crop type, Region and Competitive Landscape. Based on type, the market is segmented into Inline and Online. Based on Crop type, the market is segmented into Field Crops, Fruits & Nuts, and Vegetable Crops. Based on the region, the market is further segmented into North America, Europe, Asia-Pacific, South America, and MEA.

Market Players

The Toro Company, Hunter Industries Inc., Rivulis Irrigation Ltd, Netafim Limited, Rain Bird Corporation, Jain Irrigation Systems Ltd., Elgo Irrigation Ltd., Metzer Group, Chinadrip Irrigation Equipment Co. Ltd., Azud, etc., are some of the major players operating in the Global Drippers Market.

Report Scope:

In this report, Global Drippers Market has been segmented into following categories, in addition to the industry trends which have also been detailed below:

Drippers Market, By Type:

Inline

Online

Drippers Market, By Crop Type:

Field Crops

Fruits & Nuts

Vegetable Crops

Drippers Market, By Region:

North America

United States

Canada

Mexico

Europe

Germany

France

United Kingdom

Italy

Spain

Asia-Pacific

China

Japan

India

South Korea

Australia

Middle East & Africa

South Africa

Saudi Arabia

UAE

Kuwait

South America

Brazil

Argentina

Colombia

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in Global Drippers Market.

Available Customizations:

With the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

Detailed analysis and profiling of additional market players (up to five).

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