

Africa Agricultural Irrigation Machinery - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts 2019 - 2029

Market Report | 2024-02-17 | 130 pages | Mordor Intelligence

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Report description:

The Africa Agricultural Irrigation Machinery Market size is estimated at USD 188.48 billion in 2024, and is expected to reach USD 269.33 billion by 2029, growing at a CAGR of 7.40% during the forecast period (2024-2029).

Irrigation mechanization involves methods through which the crucial and scarce water resource can be optimally distributed. The most prominent mechanisms are the drip and sprinkler irrigation systems. Drip irrigation involves the release of water at the ground level in a dripping manner, whereas, sprinkler systems deliver water in a more voluminous fashion.

Water is the basic agricultural input required in any geographical condition. Before the advent of mechanization, farmers depended on natural sources for irrigation. However, mechanization in agriculture has moved well past tractors, to encompass every aspect of the crop production cycle. Such mechanization not only increases productivity and yield per hectare but also reduces the water consumption per farm. In the current agricultural scenario, water scarcity is a major challenge and a key driver for the use of micro-irrigation machinery systems. In most of countries, water scarcity leads to deterioration of the quality of food produced and reduction in quantity. Fragmented land needs a controlled amount of water where the irrigation system proved fruitful. Irrigated land is twice productive than the rain-fed land.

Africa Agricultural Irrigation Machinery Market Trends

Increased Water Scarcity Concern

Machinery that is used in supplying water to agricultural land and crops in order to promote hydration and growth are categorized as agricultural irrigation machinery. The report presents a wide-ranging analysis of the market size of agricultural irrigation

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machinery. With water increasingly becoming a scarce commodity, farmers have been seeking novel ideas to grow more crops with the same quantity of water. Micro-irrigation systems, including sprinklers, and drippers, are witnessing high demand. This is expected to augment the growth of the market studied. Drought-prone areas, like Africa, adopted micro-irrigation systems, to achieve high crop productivity. Sprinkler and drip irrigation systems provide limited quantities of water to farms, with minimal wastage, as compared to conventional gravity flow irrigation.

Egypt Dominates the Market

The Agricultural Irrigation Machinery market in Egypt is estimated at a CAGR of 13.2% during the forecast period and the share of Egypt irrigation market in the Africa market was 33.87 % in the year 2018. The water shortage in Egypt is around 13.5 billion cubic meters per year and this is expected to increase. The increasing water shortage might decrease the productivity of agriculture in terms of quality and quantity. Owing to the above factors, the country has adopted new technological irrigation systems, such as the micro-irrigation system. On average more than 1,04,000 hectares of agriculture land in Egypt is irrigated through the micro-irrigation system every year.

Africa Agricultural Irrigation Machinery Industry Overview

The market share analysis indicates that the market studied is consolidated, with major companies accounting for about majority of the market share. With the governments' thrust on augmenting the penetration of water conservation and efficiency driven by the micro-irrigation system, the market is estimated to witness substantial growth in the near future.

Additional Benefits:

- The market estimate (ME) sheet in Excel format
- 3 months of analyst support

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