

Agricultural Wastewater Treatment - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts (2025 - 2030)

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Report description:

The Agricultural Wastewater Treatment Market size is estimated at USD 2.50 billion in 2025, and is expected to reach USD 3.16 billion by 2030, at a CAGR of 4.75% during the forecast period (2025-2030).

The COVID-19 outbreak brought several short-term and long-term consequences in various industries, such as agriculture, and water treatment affecting the market. The agriculture industry was widely impacted due to supply chain disruption and a halt in the production of chemical manufacturing companies. It is due to lockdown and workforce shortages, thus, adversely affecting the market. For instance, worldwide, the lockdowns in Europe greatly disrupted food supply chains. According to Syngenta, about 46% of large European farming businesses were impacted by the COVID-19 pandemic.

Key Highlights

- Rapidly diminishing freshwater resources and rising agricultural water demand are likely to drive the demand for the studied market.
- On the flip side, a dearth of awareness regarding agriculture wastewater treatment is expected to hinder the market growth.
- Growing investments and active research on water treatment technologies are expected to provide a major growth opportunity for the market studied.

Agricultural Wastewater Treatment Market Trends

Non-Crop Segment to Dominate the Market

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- Non-crop is the largest application for agricultural wastewater treatment across the world and is increasing at a steady rate. This segment primarily includes feed production and also dairy farms, and poultry. Despite low calorie and protein supply as compared to plant-based food, livestock, meat, and dairy still hold the largest share in terms of consumption.
- Asia-Pacific is the second-most active region for processed food globally in terms of poultry. New product development (NPD) accounts for 24% of processed meat, poultry, and fish product innovations in the region, led by China, Thailand, South Korea, Vietnam, and the Philippines.
- African swine fever (ASF) further stimulated chicken expansion in Asia. Southeast Asia's poultry production expanded by 56% in the last decade and is expected to reach 12.3 million metric tons by 2028.
- According to Statistics Canada, the total sales of poultry in Canada increased by 14.0% from the previous year to USD 4.2 billion in 2022. In Canada, chicken production accounted for 90.1% of the total poultry production.
- All the above-mentioned factors are driving the non-crop application segment during the forecast period.

China to Dominate the Asia-Pacific Market

- China accounts for approximately 7% of the overall agricultural acreage globally, thus feeding 22% of the world population. The country is the largest producer of various crops, including rice, cotton, potatoes, and other vegetables. Hence, the demand for agricultural wastewater treatment is rapidly increasing in the country.
- The population of China has grown at a staggering rate in the past decade, and more than half of the population now lives in cities. With the government promoting economic growth, urbanization is on the rise. This is expected to increase the demand for improvement in agricultural wastewater infrastructure.
- According to the Chinese National Bureau of Statistics (CNBS), China's summer crop sown area increased by 0.3% year on year, reaching 26.53 million hectares. This represents an increase of 92,100 hectares compared to the previous year.
- The United States Department of Agriculture (USDA) projects that the demand for poultry products, particularly white broiler products, will reach 14.475 million metric tons in 2023.
- In March 2023, China's poultry meat exports amounted to USD 63 million, while imports reached USD 410 million, as reported by Observatory of Economic Complexity (OEC). The main destinations for poultry meat exports were Hong Kong, Macau, Bahrain, Georgia, and Mongolia.
- Based on the aforementioned aspects, China is expected to dominate the Asia-Pacific region.

Agricultural Wastewater Treatment Industry Overview

The agriculture wastewater treatment market is fragmented, with the presence of majorly multinational players. Some of the major players in the market (not in any particular order) include Veolia Environnement SA, Suez SA, Evoqua Water Technologies LLC, DuPont, and Jacobs.

Additional Benefits:

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

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