

Agricultural Wastewater Treatment Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

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Abstracts

Market Overview:

The global agricultural wastewater treatment market size reached US\$ 2.23 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 2.86 Billion by 2028, exhibiting a growth rate (CAGR) of 4% during 2023-2028.

Agricultural wastewater treatment is a farm management program that helps control water and land pollution caused by chemicals in pesticides, animal slurry, fertilizer, crop residues, and irrigation water. It involves various filter systems that filter out contaminants, including heavy metals, dissolved organic solids, silage liquor, chemical solutions, and sediment runoff. It also helps eliminate toxic or carcinogenic organic compounds and makes water suitable for reuse. It aids in the efficient management of natural resources and a successful agricultural business. As a result, there is a considerable rise in the establishment of agricultural wastewater treatment plants across the globe.

Agricultural Wastewater Treatment Market Trends:

The increasing global population is resulting in the rising consumption of food and water. This represents one of the key factors positively influencing the market. In addition, rapidly diminishing freshwater resources, water scarcity, and the escalating agricultural water demand are among the other factors driving the need for wastewater treatment practices. The increasing need for farm mechanization and food safety concerns are leading to the excessive use of the available freshwater resources and creating an ecological imbalance. Apart from this, the rising prevalence of water-borne

diseases and increasing awareness among individuals about the harmful impact of untreated water on humans and environmental health are offering a favorable market outlook. Furthermore, leading market players are focusing on introducing cost-efficient and environment-friendly wastewater treatment formulations, which is strengthening the market growth. Additionally, there is a surge in the need for the treatment of agricultural wastewater streams due to extensive fertilizer usage for agricultural operations to boost productivity and yield, which is augmenting the market growth. Moreover, continuous investments in ongoing research activities for improving water treatment technologies are expected to propel the market growth.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global agricultural wastewater treatment market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on technology, pollutant source and application.

Breakup by Technology:

Physical Solutions

Chemical Solutions

Biological Solutions

Breakup by Pollutant Source:

Point Source

Non-Point Source

Breakup by Application:

Non-Crop

Crop

Breakup by Region:

North America

United States

Canada

Asia-Pacific

China

Japan

India

South Korea

Australia

Indonesia

Others

Europe

Germany

France

United Kingdom

Italy

Spain

Russia

Others

Latin America

Brazil

Mexico

Others

Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being AECOM, Aquatech International LLC, BASF SE, DuPont de Nemours Inc, Ecolab Inc., Evoqua Water Technologies, Grundfos Holding A/S, IDE Technologies, Organo Corporation and Veolia Environnement SA.

Key Questions Answered in This Report

1. What was the size of the global agricultural wastewater treatment market in 2022?
2. What is the expected growth rate of the global agricultural wastewater treatment market during 2023-2028?
3. What are the key factors driving the global agricultural wastewater treatment market?
4. What has been the impact of COVID-19 on the global agricultural wastewater treatment market?
5. What is the breakup of the global agricultural wastewater treatment market based on the technology?
6. What is the breakup of the global agricultural wastewater treatment market based on the pollutant source?
7. What is the breakup of the global agricultural wastewater treatment market based on the application?
8. What are the key regions in the global agricultural wastewater treatment market?

9. Who are the key players/companies in the global agricultural wastewater treatment market?

Contents

1 PREFACE

2 SCOPE AND METHODOLOGY

- 2.1 Objectives of the Study
- 2.2 Stakeholders
- 2.3 Data Sources
 - 2.3.1 Primary Sources
 - 2.3.2 Secondary Sources
- 2.4 Market Estimation
 - 2.4.1 Bottom-Up Approach
 - 2.4.2 Top-Down Approach
- 2.5 Forecasting Methodology

3 EXECUTIVE SUMMARY

4 INTRODUCTION

- 4.1 Overview
- 4.2 Key Industry Trends

5 GLOBAL AGRICULTURAL WASTEWATER TREATMENT MARKET

- 5.1 Market Overview
- 5.2 Market Performance
- 5.3 Impact of COVID-19
- 5.4 Market Forecast

6 MARKET BREAKUP BY TECHNOLOGY

- 6.1 Physical Solutions
 - 6.1.1 Market Trends
 - 6.1.2 Market Forecast
- 6.2 Chemical Solutions
 - 6.2.1 Market Trends
 - 6.2.2 Market Forecast
- 6.3 Biological Solutions

- 6.3.1 Market Trends
- 6.3.2 Market Forecast

7 MARKET BREAKUP BY POLLUTANT SOURCE

- 7.1 Point Source
 - 7.1.1 Market Trends
 - 7.1.2 Market Forecast
- 7.2 Non-Point Source
 - 7.2.1 Market Trends
 - 7.2.2 Market Forecast

8 MARKET BREAKUP BY APPLICATION

- 8.1 Non-Crop
 - 8.1.1 Market Trends
 - 8.1.2 Market Forecast
- 8.2 Crop
 - 8.2.1 Market Trends
 - 8.2.2 Market Forecast

9 MARKET BREAKUP BY REGION

- 9.1 North America
 - 9.1.1 United States
 - 9.1.1.1 Market Trends
 - 9.1.1.2 Market Forecast
 - 9.1.2 Canada
 - 9.1.2.1 Market Trends
 - 9.1.2.2 Market Forecast
- 9.2 Asia-Pacific
 - 9.2.1 China
 - 9.2.1.1 Market Trends
 - 9.2.1.2 Market Forecast
 - 9.2.2 Japan
 - 9.2.2.1 Market Trends
 - 9.2.2.2 Market Forecast
 - 9.2.3 India
 - 9.2.3.1 Market Trends

- 9.2.3.2 Market Forecast
- 9.2.4 South Korea
 - 9.2.4.1 Market Trends
 - 9.2.4.2 Market Forecast
- 9.2.5 Australia
 - 9.2.5.1 Market Trends
 - 9.2.5.2 Market Forecast
- 9.2.6 Indonesia
 - 9.2.6.1 Market Trends
 - 9.2.6.2 Market Forecast
- 9.2.7 Others
 - 9.2.7.1 Market Trends
 - 9.2.7.2 Market Forecast
- 9.3 Europe
 - 9.3.1 Germany
 - 9.3.1.1 Market Trends
 - 9.3.1.2 Market Forecast
 - 9.3.2 France
 - 9.3.2.1 Market Trends
 - 9.3.2.2 Market Forecast
 - 9.3.3 United Kingdom
 - 9.3.3.1 Market Trends
 - 9.3.3.2 Market Forecast
 - 9.3.4 Italy
 - 9.3.4.1 Market Trends
 - 9.3.4.2 Market Forecast
 - 9.3.5 Spain
 - 9.3.5.1 Market Trends
 - 9.3.5.2 Market Forecast
 - 9.3.6 Russia
 - 9.3.6.1 Market Trends
 - 9.3.6.2 Market Forecast
 - 9.3.7 Others
 - 9.3.7.1 Market Trends
 - 9.3.7.2 Market Forecast
- 9.4 Latin America
 - 9.4.1 Brazil
 - 9.4.1.1 Market Trends
 - 9.4.1.2 Market Forecast

9.4.2 Mexico

9.4.2.1 Market Trends

9.4.2.2 Market Forecast

9.4.3 Others

9.4.3.1 Market Trends

9.4.3.2 Market Forecast

9.5 Middle East and Africa

9.5.1 Market Trends

9.5.2 Market Breakup by Country

9.5.3 Market Forecast

10 SWOT ANALYSIS

10.1 Overview

10.2 Strengths

10.3 Weaknesses

10.4 Opportunities

10.5 Threats

11 VALUE CHAIN ANALYSIS

12 PORTERS FIVE FORCES ANALYSIS

12.1 Overview

12.2 Bargaining Power of Buyers

12.3 Bargaining Power of Suppliers

12.4 Degree of Competition

12.5 Threat of New Entrants

12.6 Threat of Substitutes

13 PRICE ANALYSIS

14 COMPETITIVE LANDSCAPE

14.1 Market Structure

14.2 Key Players

14.3 Profiles of Key Players

14.3.1 AECOM

14.3.1.1 Company Overview

- 14.3.1.2 Product Portfolio
- 14.3.1.3 Financials
- 14.3.1.4 SWOT Analysis
- 14.3.2 Aquatech International LLC
 - 14.3.2.1 Company Overview
 - 14.3.2.2 Product Portfolio
- 14.3.3 BASF SE
 - 14.3.3.1 Company Overview
 - 14.3.3.2 Product Portfolio
 - 14.3.3.3 Financials
 - 14.3.3.4 SWOT Analysis
- 14.3.4 DuPont de Nemours Inc
 - 14.3.4.1 Company Overview
 - 14.3.4.2 Product Portfolio
 - 14.3.4.3 Financials
 - 14.3.4.4 SWOT Analysis
- 14.3.5 Ecolab Inc.
 - 14.3.5.1 Company Overview
 - 14.3.5.2 Product Portfolio
 - 14.3.5.3 Financials
 - 14.3.5.4 SWOT Analysis
- 14.3.6 Evoqua Water Technologies
 - 14.3.6.1 Company Overview
 - 14.3.6.2 Product Portfolio
 - 14.3.6.3 Financials
 - 14.3.6.4 SWOT Analysis
- 14.3.7 Grundfos Holding A/S
 - 14.3.7.1 Company Overview
 - 14.3.7.2 Product Portfolio
 - 14.3.7.3 SWOT Analysis
- 14.3.8 IDE Technologies
 - 14.3.8.1 Company Overview
 - 14.3.8.2 Product Portfolio
- 14.3.9 Organo Corporation
 - 14.3.9.1 Company Overview
 - 14.3.9.2 Product Portfolio
 - 14.3.9.3 Financials
- 14.3.10 Veolia Environnement SA
 - 14.3.10.1 Company Overview

14.3.10.2 Product Portfolio

14.3.10.3 Financials

14.3.10.4 SWOT Analysis

List Of Tables

LIST OF TABLES

Table 1: Global: Agricultural Wastewater Treatment Market: Key Industry Highlights, 2022 and 2028

Table 2: Global: Agricultural Wastewater Treatment Market Forecast: Breakup by Technology (in Million US\$), 2023-2028

Table 3: Global: Agricultural Wastewater Treatment Market Forecast: Breakup by Pollutant Source (in Million US\$), 2023-2028

Table 4: Global: Agricultural Wastewater Treatment Market Forecast: Breakup by Application (in Million US\$), 2023-2028

Table 5: Global: Agricultural Wastewater Treatment Market Forecast: Breakup by Region (in Million US\$), 2023-2028

Table 6: Global: Agricultural Wastewater Treatment Market: Competitive Structure

Table 7: Global: Agricultural Wastewater Treatment Market: Key Players

List Of Figures

LIST OF FIGURES

Figure 1: Global: Agricultural Wastewater Treatment Market: Major Drivers and Challenges

Figure 2: Global: Agricultural Wastewater Treatment Market: Sales Value (in Billion US\$), 2017-2022

Figure 3: Global: Agricultural Wastewater Treatment Market Forecast: Sales Value (in Billion US\$), 2023-2028

Figure 4: Global: Agricultural Wastewater Treatment Market: Breakup by Technology (in %), 2022

Figure 5: Global: Agricultural Wastewater Treatment Market: Breakup by Pollutant Source (in %), 2022

Figure 6: Global: Agricultural Wastewater Treatment Market: Breakup by Application (in %), 2022

Figure 7: Global: Agricultural Wastewater Treatment Market: Breakup by Region (in %), 2022

Figure 8: Global: Agricultural Wastewater Treatment (Physical Solutions) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 9: Global: Agricultural Wastewater Treatment (Physical Solutions) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 10: Global: Agricultural Wastewater Treatment (Chemical Solutions) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 11: Global: Agricultural Wastewater Treatment (Chemical Solutions) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 12: Global: Agricultural Wastewater Treatment (Biological Solutions) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 13: Global: Agricultural Wastewater Treatment (Biological Solutions) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 14: Global: Agricultural Wastewater Treatment (Point Source) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 15: Global: Agricultural Wastewater Treatment (Point Source) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 16: Global: Agricultural Wastewater Treatment (Non-Point Source) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 17: Global: Agricultural Wastewater Treatment (Non-Point Source) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 18: Global: Agricultural Wastewater Treatment (Non-Crop) Market: Sales Value

(in Million US\$), 2017 & 2022

Figure 19: Global: Agricultural Wastewater Treatment (Non-Crop) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 20: Global: Agricultural Wastewater Treatment (Crop) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 21: Global: Agricultural Wastewater Treatment (Crop) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 22: North America: Agricultural Wastewater Treatment Market: Sales Value (in Million US\$), 2017 & 2022

Figure 23: North America: Agricultural Wastewater Treatment Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 24: United States: Agricultural Wastewater Treatment Market: Sales Value (in Million US\$), 2017 & 2022

Figure 25: United States: Agricultural Wastewater Treatment Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 26: Canada: Agricultural Wastewater Treatment Market: Sales Value (in Million US\$), 2017 & 2022

Figure 27: Canada: Agricultural Wastewater Treatment Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 28: Asia-Pacific: Agricultural Wastewater Treatment Market: Sales Value (in Million US\$), 2017 & 2022

Figure 29: Asia-Pacific: Agricultural Wastewater Treatment Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 30: China: Agricultural Wastewater Treatment Market: Sales Value (in Million US\$), 2017 & 2022

Figure 31: China: Agricultural Wastewater Treatment Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 32: Japan: Agricultural Wastewater Treatment Market: Sales Value (in Million US\$), 2017 & 2022

Figure 33: Japan: Agricultural Wastewater Treatment Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 34: India: Agricultural Wastewater Treatment Market: Sales Value (in Million US\$), 2017 & 2022

Figure 35: India: Agricultural Wastewater Treatment Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 36: South Korea: Agricultural Wastewater Treatment Market: Sales Value (in Million US\$), 2017 & 2022

Figure 37: South Korea: Agricultural Wastewater Treatment Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 38: Australia: Agricultural Wastewater Treatment Market: Sales Value (in Million US\$), 2017 & 2022

Figure 39: Australia: Agricultural Wastewater Treatment Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 40: Indonesia: Agricultural Wastewater Treatment Market: Sales Value (in Million US\$), 2017 & 2022

Figure 41: Indonesia: Agricultural Wastewater Treatment Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 42: Others: Agricultural Wastewater Treatment Market: Sales Value (in Million US\$), 2017 & 2022

Figure 43: Others: Agricultural Wastewater Treatment Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 44: Europe: Agricultural Wastewater Treatment Market: Sales Value (in Million US\$), 2017 & 2022

Figure 45: Europe: Agricultural Wastewater Treatment Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 46: Germany: Agricultural Wastewater Treatment Market: Sales Value (in Million US\$), 2017 & 2022

Figure 47: Germany: Agricultural Wastewater Treatment Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 48: France: Agricultural Wastewater Treatment Market: Sales Value (in Million US\$), 2017 & 2022

Figure 49: France: Agricultural Wastewater Treatment Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 50: United Kingdom: Agricultural Wastewater Treatment Market: Sales Value (in Million US\$), 2017 & 2022

Figure 51: United Kingdom: Agricultural Wastewater Treatment Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 52: Italy: Agricultural Wastewater Treatment Market: Sales Value (in Million US\$), 2017 & 2022

Figure 53: Italy: Agricultural Wastewater Treatment Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 54: Spain: Agricultural Wastewater Treatment Market: Sales Value (in Million US\$), 2017 & 2022

Figure 55: Spain: Agricultural Wastewater Treatment Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 56: Russia: Agricultural Wastewater Treatment Market: Sales Value (in Million US\$), 2017 & 2022

Figure 57: Russia: Agricultural Wastewater Treatment Market Forecast: Sales Value (in

Million US\$), 2023-2028

Figure 58: Others: Agricultural Wastewater Treatment Market: Sales Value (in Million US\$), 2017 & 2022

Figure 59: Others: Agricultural Wastewater Treatment Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 60: Latin America: Agricultural Wastewater Treatment Market: Sales Value (in Million US\$), 2017 & 2022

Figure 61: Latin America: Agricultural Wastewater Treatment Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 62: Brazil: Agricultural Wastewater Treatment Market: Sales Value (in Million US\$), 2017 & 2022

Figure 63: Brazil: Agricultural Wastewater Treatment Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 64: Mexico: Agricultural Wastewater Treatment Market: Sales Value (in Million US\$), 2017 & 2022

Figure 65: Mexico: Agricultural Wastewater Treatment Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 66: Others: Agricultural Wastewater Treatment Market: Sales Value (in Million US\$), 2017 & 2022

Figure 67: Others: Agricultural Wastewater Treatment Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 68: Middle East and Africa: Agricultural Wastewater Treatment Market: Sales Value (in Million US\$), 2017 & 2022

Figure 69: Middle East and Africa: Agricultural Wastewater Treatment Market: Breakup by Country (in %), 2022

Figure 70: Middle East and Africa: Agricultural Wastewater Treatment Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 71: Global: Agricultural Wastewater Treatment Industry: SWOT Analysis

Figure 72: Global: Agricultural Wastewater Treatment Industry: Value Chain Analysis

Figure 73: Global: Agricultural Wastewater Treatment Industry: Porter's Five Forces Analysis

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