

# **Phosphoric Acid Market Size, Share & Trends Analysis Report By Application (DAP, MAP, TSP), By Region (North America, Europe, Latin America, Middle East, Africa, APAC), And Segment Forecasts, 2020 - 2027**

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## **Abstracts**

### **Phosphoric Acid Market Growth & Trends**

The global phosphoric acid market size is projected to reach USD 61.0 billion by 2027 registering a CAGR of 3.7%, according to a new report by Grand View Research, Inc. increasing production of fertilizers owing to the development in the global agricultural sector is expected to augment the product demand.

Fertilizers is the key point of application for phosphoric acid wherein the product is used to formulate Diammonium Hydrogen Phosphate (DAP), Mono Ammonium Dihydrogen Phosphate (MAP), and Triple Superphosphate (TAP). Among these, DAP constituted the largest share of the market, in terms of volume, in 2019. The growing need for nutrients internationally on account of increasing world population is anticipated to augment fertilizers industry. As a result, the manufacturers are set to expand their production capacity to cater to the growing demand.

For instance, in June 2019, EuroChem opened its third fertilizer blending plant in Brazil, which has a capacity of 6 kilotons per day. According to the International Fertilizer Industry Association, the global capacity of nitrogen, phosphoric acid, and potash is expected to rise significantly of which phosphoric acid is expected to register highest growth rate. The product is expected to witness an increase of around 2% in its global capacity from 2018 to 2021. Asia Pacific was the major consumer in 2019 and this trend is expected to continue over the forecast period.

The growth can be attributed to rising production of fertilizers in China. The growth, however, is anticipated to be hindered in 2020 on account of the Covid-19 pandemic, which is believed to be originated from China. Hubei was the key producer of MAP and DAP in the country. However, as of February 2020, only four manufacturers are engaged in production, rest all other phosphate plants had suspended their operations, which impacted half of the Hubei's phosphate industry.

The production and consumption of fertilizers is anticipated to grow by 2021, owing to the increasing productivity in agricultural sector. For instance, in India, which is amongst the key crop producers in the world, the food grain production increased by 6.74 million tons from 2018-19 to 2019-20.

Major companies focus on capacity expansion to gain competitive advantage. For instance, in November 2019, Paradeep Phosphates gave Thyssenkrupp Industrial Solutions contract to expand their phosphoric acid plant in Odisha, India. The project will increase the plant's capacity from 1,000 tons to 1,400 tons of production per day.

### Phosphoric Acid Market Report Highlights

DAP accounted for the largest volume share in 2019 on account of its high nutrient grade, which leads to cost reduction in terms of handling, freight, as well as application and is projected to grow at a volumetric CAGR of 2.8% from 2020 to 2027

Phosphoric acid is majorly produced by two commercial methods, which include wet process and thermal process; wherein more than 50% of the global production sites utilize Prayon Technology (wet process technology)

Asia Pacific is expected to register the fastest growth rate of 3.5%, in terms of volume, over the forecast period, owing to increasing production of fertilizers in the region

The market is highly competitive and thus, manufacturers are investing in production capacity expansion

For example, in December 2019, CSCEC and Wengfu Group collaborated to build a phosphoric acid plant with Phosphate Misr Company in Egypt with a total investment of USD 848 million



## Contents

### CHAPTER 1 METHODOLOGY & SCOPE

- 1.1 Market segmentation & scope
- 1.2 Market definitions
- 1.3 Information procurement
  - 1.3.1 Information analysis
  - 1.3.2 Market formulation & data visualization
  - 1.3.3 Data validation & publishing
- 1.4 Research scope and assumptions
  - 1.4.1 List to data sources

### CHAPTER 2 EXECUTIVE SUMMARY

- 2.1 Market outlook
- 2.2 Competitive insights

### CHAPTER 3 PHOSPHORIC ACID MARKET: MARKET VARIABLES & TRENDS ANALYSIS

- 3.1 Market lineage outlook
- 3.2 Penetration & growth prospect mapping, 2016 - 2027
- 3.3 Industry value chain analysis
  - 3.3.1 Raw material trend
  - 3.3.2 Manufacturing/technology trend
  - 3.3.3 Sales channel analysis
  - 3.3.4 Consumer buying analysis
  - 3.3.5 Profit margin analysis
- 3.4 Regulatory framework
  - 3.4.1 Standards & compliance
  - 3.4.2 Safety
- 3.5 Market dynamics
  - 3.5.1 Market driver analysis
  - 3.5.2 Market restraint analysis
  - 3.5.3 Industry challenges
- 3.6 Trade analysis, 2016 - 2019
  - 3.6.1 Net importers, key country analysis (USD Million)
  - 3.6.2 Net exporters, key country analysis (USD Million)

### 3.7 Industry analysis tools

#### 3.7.1 Porter's analysis

#### 3.7.2 PESTEL Analysis

### 3.8 Patent analysis

## **CHAPTER 4 PHOSPHORIC ACID MARKET: APPLICATION ESTIMATES & TREND ANALYSIS**

### 4.1 Application market introduction

### 4.2 Phosphoric acid market estimates & forecast, by application

#### 4.2.1 Diamonium Hydrogenphosphate (DAP)

##### 4.2.1.1. Phosphoric acid market volume & revenue, in DAP, 2016 - 2027

#### 4.2.2 Monoammonium Dihydrogenphosphate (MAP)

##### 4.2.2.1. Phosphoric acid market volume & revenue, in MAP, 2016 - 2027

#### 4.2.3 Triple Superphosphate (TSP)

##### 4.2.3.1. Phosphoric acid market volume & revenue, in TSP, 2016 - 2027

#### 4.2.4 Other fertilizers

##### 4.2.4.1. Phosphoric acid market volume & revenue, in other fertilizers, 2016 - 2027

#### 4.2.5 Other application

##### 4.2.5.1. Phosphoric acid market volume & revenue, in other application, 2016 - 2027

## **CHAPTER 5 PHOSPHORIC ACID MARKET: REGIONAL ESTIMATES & TREND ANALYSIS**

### 5.1 Phosphoric acid market estimates & forecast, by region

#### 5.1.1 North America

##### 5.1.1.1 Market volume & revenue, by application, 2016 - 2027

##### 5.1.1.2 U.S.

###### 5.1.1.2.1 Market volume & revenue, by application, 2016 - 2027

##### 5.1.1.3 Canada

###### 5.1.1.3.1 Market volume & revenue, by application, 2016 - 2027

#### 5.1.2 Latin America

##### 5.1.2.1 Market volume & revenue, by application, 2016 - 2027

##### 5.1.2.2 Mexico

###### 5.1.2.2.1 Market volume & revenue, by application, 2016 - 2027

##### 5.1.2.3 Brazil

###### 5.1.2.3.1 Market volume & revenue, by application, 2016 - 2027

##### 5.1.2.4 Peru

###### 5.1.2.4.1 Market volume & revenue, by application, 2016 - 2027

- 5.1.2.5 Argentina
  - 5.1.2.5.1 Market volume & revenue, by application, 2016 - 2027
- 5.1.2.6 Chile
  - 5.1.2.6.1 Market volume & revenue, by application, 2016 - 2027
- 5.1.3 Africa
  - 5.1.3.1 Market volume & revenue, by application, 2016 - 2027
  - 5.1.3.2 Egypt
    - 5.1.3.2.1 Market volume & revenue, by application, 2016 - 2027
  - 5.1.3.3 Morocco
    - 5.1.3.3.1 Market volume & revenue, by application, 2016 - 2027
  - 5.1.3.4 South Africa
    - 5.1.3.4.1 Market volume & revenue, by application, 2016 - 2027
  - 5.1.3.5 Tunisia
    - 5.1.3.5.1 Market volume & revenue, by application, 2016 - 2027
  - 5.1.3.6 Senegal
    - 5.1.3.6.1 Market volume & revenue, by application, 2016 - 2027
- 5.1.4 Middle East
  - 5.1.4.1 Market volume & revenue, by application, 2016 - 2027
  - 5.1.4.2 Saudi Arabia
    - 5.1.4.2.1 Market volume & revenue, by application, 2016 - 2027
  - 5.1.4.3 Israel
    - 5.1.4.3.1 Market volume & revenue, by application, 2016 - 2027
  - 5.1.4.4 Jordan
    - 5.1.4.4.1 Market volume & revenue, by application, 2016 - 2027
  - 5.1.4.5 Turkey
    - 5.1.4.5.1 Market volume & revenue, by application, 2016 - 2027
- 5.1.5 Europe
  - 5.1.5.1 Market volume & revenue, by application, 2016 - 2027
  - 5.1.5.2 Belgium
    - 5.1.5.2.1 Market volume & revenue, by application, 2016 - 2027
  - 5.1.5.3 France
    - 5.1.5.3.1 Market volume & revenue, by application, 2016 - 2027
  - 5.1.5.4 Germany
    - 5.1.5.4.1 Market volume & revenue, by application, 2016 - 2027
  - 5.1.5.5 Russia
    - 5.1.5.5.1 Market volume & revenue, by application, 2016 - 2027
  - 5.1.5.6 Spain
    - 5.1.5.6.1 Market volume & revenue, by application, 2016 - 2027
- 5.1.6 Asia Pacific

- 5.1.6.1 Market volume & revenue, by application, 2016 - 2027
- 5.1.6.2 China
  - 5.1.6.2.1 Market volume & revenue, by application, 2016 - 2027
- 5.1.6.3 Indonesia
  - 5.1.6.3.1 Market volume & revenue, by application, 2016 - 2027
- 5.1.6.4 Japan
  - 5.1.6.4.1 Market volume & revenue, by application, 2016 - 2027
- 5.1.6.5 India
  - 5.1.6.5.1 Market volume & revenue, by application, 2016 - 2027
- 5.1.6.6 Thailand
  - 5.1.6.6.1 Market volume & revenue, by application, 2016 - 2027
- 5.1.6.7 Vietnam
  - 5.1.6.7.1 Market volume & revenue, by application, 2016 - 2027

## **CHAPTER 6 COMPETITIVE LANDSCAPE**

- 6.1 Key company/competition categorization (key innovators, market leaders, emerging players)
- 6.2 Vendor landscape
  - 6.2.1 List of key distributors & channel partners
- 6.3 Market share analysis, 2019
- 6.4 Major deals & strategic alliances

## **CHAPTER 7 COMPANY PROFILES**

- 7.1 OCP S/A
  - 7.1.1 Company introduction
  - 7.1.2 General information
  - 7.1.3 Key financial data
  - 7.1.4 Product portfolio
- 7.2 The Mosaic Company
  - 7.2.1 Company introduction
  - 7.2.2 General information
  - 7.2.3 Key financial data
  - 7.2.4 Product portfolio
  - 7.2.5 Strategic Initiatives
- 7.3 PJSC PhosAgro
  - 7.3.1 Company introduction
  - 7.3.2 General information

- 7.3.3 Key financial data
- 7.3.4 Product portfolio
- 7.4 Nutrien
  - 7.4.1 Company introduction
  - 7.4.2 General information
  - 7.4.3 Key financial data
  - 7.4.4 Product portfolio
- 7.5 Ma'aden
  - 7.5.1 Company introduction
  - 7.5.2 General information
  - 7.5.3 Key financial data
  - 7.5.4 Product portfolio
- 7.6 EuroChem Group AG
  - 7.6.1 Company introduction
  - 7.6.2 General information
  - 7.6.3 Key financial data
  - 7.6.4 Product portfolio
  - 7.6.5 Strategic Initiatives
- 7.7 IFFCO
  - 7.7.1 Company introduction
  - 7.7.2 General information
  - 7.7.3 Key financial data
  - 7.7.4 Product portfolio
  - 7.7.5 Strategic Initiatives
- 7.8 Prayon Group
  - 7.8.1 Company introduction
  - 7.8.2 General information
  - 7.8.3 Key financial data
  - 7.8.4 Product portfolio
  - 7.8.5 Strategic Initiatives
- 7.9 Israel Chemicals Limited
  - 7.9.1 Company introduction
  - 7.9.2 General information
  - 7.9.3 Key financial data
  - 7.9.4 Product portfolio
- 7.10 Yara International
  - 7.10.1 Company introduction
  - 7.10.2 General information
  - 7.10.3 Key financial data



- 7.10.4 Product portfolio
- 7.10.5 Strategic Initiatives
- 7.11 ICS
  - 7.11.1 Company introduction
  - 7.11.2 General information
  - 7.11.3 Key financial data
  - 7.11.4 Product portfolio
- 7.12 Indo Maroc Phosphore SA
  - 7.12.1 Company introduction
  - 7.12.2 General information
  - 7.12.3 Key financial data
  - 7.12.4 Product portfolio
- 7.13 Foskor Limited
  - 7.13.1 Company introduction
  - 7.13.2 General information
  - 7.13.3 Key financial data
  - 7.13.4 Product portfolio
  - 7.13.5 Strategic Initiatives
- 7.14 JIFCO
  - 7.14.1 Company introduction
  - 7.14.2 General information
  - 7.14.3 Key financial data
  - 7.14.4 Product portfolio
- 7.15 Desmet Ballestra
  - 7.15.1 Company introduction
  - 7.15.2 General information
  - 7.15.3 Key financial data
  - 7.15.4 Product portfolio
  - 7.15.5 Strategic Initiatives

## List Of Tables

### LIST OF TABLES

Table 1 PESTEL Analysis

Table 2 Phosphoric acid market volume & revenue, in diamonium hydrogen phosphate, 2016 - 2027 (Kilotons) (USD Million)

Table 3 Phosphoric acid market volume & revenue, in monoammonium dihydrogen phosphate, 2016 - 2027 (Kilotons) (USD Million)

Table 4 Phosphoric acid market volume & revenue, in triple superphosphate, 2016 - 2027 (Kilotons) (USD Million)

Table 5 Phosphoric acid market volume & revenue, in other fertilizers, 2016 - 2027 (Kilotons) (USD Million)

Table 6 Phosphoric acid market volume & revenue, in other applications, 2016 - 2027 (Kilotons) (USD Million)

Table 7 North America phosphoric acid market volume, by application, 2016 - 2027 (Kilotons)

Table 8 North America phosphoric acid market revenue, by application, 2016 - 2027 (USD Million)

Table 9 U.S. phosphoric acid market volume, by application, 2016 - 2027 (Kilotons)

Table 10 U.S. phosphoric acid market revenue, by application, 2016 - 2027 (USD Million)

Table 11 Canada phosphoric acid market volume, by application, 2016 - 2027 (Kilotons)

Table 12 Canada phosphoric acid market revenue, by application, 2016 - 2027 (USD Million)

Table 13 Latin America phosphoric acid market volume, by application, 2016 - 2027 (Kilotons)

Table 14 Latin America phosphoric acid market revenue, by application, 2016 - 2027 (USD Million)

Table 15 Mexico phosphoric acid market volume, by application, 2016 - 2027 (Kilotons)

Table 16 Mexico phosphoric acid market revenue, by application, 2016 - 2027 (USD Million)

Table 17 Brazil phosphoric acid market volume, by application, 2016 - 2027 (Kilotons)

Table 18 Brazil phosphoric acid market revenue, by application, 2016 - 2027 (USD Million)

Table 19 Peru phosphoric acid market volume, by application, 2016 - 2027 (Kilotons)

Table 20 Peru phosphoric acid market revenue, by application, 2016 - 2027 (USD Million)

Table 21 Argentina phosphoric acid market volume, by application, 2016 - 2027

(Kilotons)

Table 22 Argentina phosphoric acid market revenue, by application, 2016 - 2027 (USD Million)

Table 23 Chile phosphoric acid market volume, by application, 2016 - 2027 (Kilotons)

Table 24 Chile phosphoric acid market revenue, by application, 2016 - 2027 (USD Million)

Table 25 Africa phosphoric acid market volume, by application, 2016 - 2027 (Kilotons)

Table 26 Africa phosphoric acid market revenue, by application, 2016 - 2027 (USD Million)

Table 27 Egypt phosphoric acid market volume, by application, 2016 - 2027 (Kilotons)

Table 28 Egypt phosphoric acid market revenue, by application, 2016 - 2027 (USD Million)

Table 29 South Africa phosphoric acid market volume, by application, 2016 - 2027 (Kilotons)

Table 30 South Africa phosphoric acid market revenue, by application, 2016 - 2027 (USD Million)

Table 31 Morocco phosphoric acid market volume, by application, 2016 - 2027 (Kilotons)

Table 32 Morocco phosphoric acid market revenue, by application, 2016 - 2027 (USD Million)

Table 33 Senegal phosphoric acid market volume, by application, 2016 - 2027 (Kilotons)

Table 34 Senegal phosphoric acid market revenue, by application, 2016 - 2027 (USD Million)

Table 35 Tunisia phosphoric acid market volume, by application, 2016 - 2027 (Kilotons)

Table 36 Tunisia phosphoric acid market revenue, by application, 2016 - 2027 (USD Million)

Table 37 Middle East phosphoric acid market volume, by application, 2016 - 2027 (Kilotons)

Table 38 Middle East phosphoric acid market revenue, by application, 2016 - 2027 (USD Million)

Table 39 Saudi Arabia phosphoric acid market volume, by application, 2016 - 2027 (Kilotons)

Table 40 Saudi Arabia phosphoric acid market revenue, by application, 2016 - 2027 (USD Million)

Table 41 Israel phosphoric acid market volume, by application, 2016 - 2027 (Kilotons)

Table 42 Israel phosphoric acid market revenue, by application, 2016 - 2027 (USD Million)

Table 43 Jordan phosphoric acid market volume, by application, 2016 - 2027 (Kilotons)

Table 44 Jordan phosphoric acid market revenue, by application, 2016 - 2027 (USD Million)

Table 45 Turkey phosphoric acid market volume, by application, 2016 - 2027 (Kilotons)

Table 46 Turkey phosphoric acid market revenue, by application, 2016 - 2027 (USD Million)

Table 47 Europe phosphoric acid market volume, by application, 2016 - 2027 (Kilotons)

Table 48 Europe phosphoric acid market revenue, by application, 2016 - 2027 (USD Million)

Table 49 Belgium phosphoric acid market volume, by application, 2016 - 2027 (Kilotons)

Table 50 Belgium phosphoric acid market revenue, by application, 2016 - 2027 (USD Million)

Table 51 Germany phosphoric acid market volume, by application, 2016 - 2027 (Kilotons)

Table 52 Germany phosphoric acid market revenue, by application, 2016 - 2027 (USD Million)

Table 53 France phosphoric acid market volume, by application, 2016 - 2027 (Kilotons)

Table 54 France phosphoric acid market revenue, by application, 2016 - 2027 (USD Million)

Table 55 Russia phosphoric acid market volume, by application, 2016 - 2027 (Kilotons)

Table 56 Russia phosphoric acid market revenue, by application, 2016 - 2027 (USD Million)

Table 57 Spain phosphoric acid market volume, by application, 2016 - 2027 (Kilotons)

Table 58 Spain phosphoric acid market revenue, by application, 2016 - 2027 (USD Million)

Table 59 Asia Pacific phosphoric acid market volume, by application, 2016 - 2027 (Kilotons)

Table 60 Asia Pacific phosphoric acid market revenue, by application, 2016 - 2027 (USD Million)

Table 61 China phosphoric acid market volume, by application, 2016 - 2027 (Kilotons)

Table 62 China phosphoric acid market revenue, by application, 2016 - 2027 (USD Million)

Table 63 Indonesia phosphoric acid market volume, by application, 2016 - 2027 (Kilotons)

Table 64 Indonesia phosphoric acid market revenue, by application, 2016 - 2027 (USD Million)

Table 65 Japan phosphoric acid market volume, by application, 2016 - 2027 (Kilotons)

Table 66 Japan phosphoric acid market revenue, by application, 2016 - 2027 (USD Million)

Table 67 India phosphoric acid market volume, by application, 2016 - 2027 (Kilotons)

Table 68 India phosphoric acid market revenue, by application, 2016 - 2027 (USD Million)

Table 69 Thailand phosphoric acid market volume, by application, 2016 - 2027 (Kilotons)

Table 70 Thailand phosphoric acid market revenue, by application, 2016 - 2027 (USD Million)

Table 71 Vietnam phosphoric acid market volume, by application, 2016 - 2027 (Kilotons)

Table 71 Vietnam phosphoric acid market revenue, by application, 2016 - 2027 (USD Million)

Table 72 Key company categorization

Table 73 Vendor Landscape

## List Of Figures

### LIST OF FIGURES

- Fig. 1 Phosphoric acid market segmentation
- Fig. 2 Information procurement
- Fig. 3 Data analysis models
- Fig. 4 Market formulation and validation
- Fig. 5 Data validating & publishing
- Fig. 6 Market snapshot
- Fig. 7 Global phosphoric acid market outlook, 2016 - 2027 (Kilotons) (USD Million)
- Fig. 8 Penetration & growth prospect mapping
- Fig. 9 Phosphoric acid market value chain analysis
- Fig. 10 Price trend analysis, 2016-2019
- Fig. 11 Phosphoric acid market dynamics
- Fig. 12 Market driver impact analysis, 2016 - 2027
- Fig. 13 India food sector revenue, 2014 & 2020 (USD Billion)
- Fig. 14 Worldwide food sales, 2000 & 2018 (USD Billion)
- Fig. 15 Worldwide food producers, 2000 - 2018
- Fig. 16 Top countries with highest sales of farmproduce, 2017 & 2018 (USD Million)
- Fig. 17 Market restraint impact analysis, 2016 - 2027
- Fig. 18 Porter's Analysis
- Fig. 19 Phosphoric acid market revenue, by application, 2019 & 2027 (USD Million)
- Fig. 20 Phosphoric acid market revenue, by region, 2019 & 2027 (USD Million)
- Fig. 21 Agricultural land in North America, by country (2017) (Hectares)
- Fig. 22 Agricultural land in North America, by country (2007 - 2017) (Hectares)
- Fig. 23 Farmland evolution, 2007 & 2017 (Million Hectares)
- Fig. 24 Food retail sales, by key Asia Pacifican countries, 2016 (USD Billion)
- Fig. 25 Top Asian countries with largest farming area, 2017 (Hectares)
- Fig. 26 Development of agricultural area, 2007 - 2017 (Million Hectares)
- Fig. 27 Top Latin America countries with largest farming area, 2017 (Hectares)
- Fig. 28 Latin America agricultural land development, 2007 - 2017 (Million Hectares)
- Fig. 29 Top African countries with highest number of agricultural producers (2017)
- Fig. 30 Market share analysis, 2019

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