

Potassium Nitrate Market Report and Forecast 2025-2034

Market Report | 2025-08-13 | 169 pages | EMR Inc.

AVAILABLE LICENSES:

- Single User License \$3599.00
- Five User License \$4249.00
- Corporate License \$5099.00

Report description:

The global potassium nitrate market attained a value of USD 1.73 Billion in 2024 and is projected to reach USD 2.39 Billion by 2034 . The market is estimated to grow at a progressive CAGR of 3.30% during the forecast period of 2025-2034.

On the basis of raw materials, the potassium chloride segment was estimated to account for the largest market share in 2020. The segment is likely to retain its dominance over the forecast period. Based on end-uses, the agriculture industry represented the dominant segment in 2020. Potassium nitrate is widely used as a fertiliser along with other applications like its use in the production of gun powder, fireworks, medicines, etc. Nitrogen is a nutrient essential for all living organisms. When used as a fertiliser, potassium nitrate becomes a source of nitrogen and potassium. An increased population demands more crop production, which can be ensured with the use of a good fertiliser. It was estimated the world's fertiliser consumption increased by approximately 1.8% a year through 2018. Thus, the growing fertiliser industry is acting as a catalyst for the global potassium nitrate market growth.

Regionally, the Asia Pacific represents the leading potassium nitrate market, accounting for the majority of the global share. Asia, the largest consumer of fertilisers in the world, relies on imports of all three primary nutrients. For instance, in India, the raw materials and intermediates are largely imported to produce nitrogenous and phosphatic fertilisers to meet domestic requirements. Due to the non-availability of any potash (K) reserve in the country, its entire requirement is fulfilled through imports. Globally, the largest exporter of fertilisers is Russia, accounting for about a fifth of the total fertiliser trade, along with other significant contributors like Canada, China, Belarus, and the United States. On the other hand, the world's largest importer of fertilisers is the United States, followed by countries like Brazil, India, and China. These regions are majorly contributing to the growth of the potassium nitrate market.

Market Segmentation

Potassium nitrate (KNO₃) is a crystalline salt that exhibits a colour of white to grey. It is also known as saltpetre or nitre. The salt is naturally found in the pure form and can also be prepared commercially by mixing sodium nitrate and potassium chloride.

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Potassium nitrate is a strong oxidizing agent that assists in accelerating the burning of combustible substances. Due to this, it is widely used as a constituent in fireworks, rocket propellants, gunpowder, and medicines. Apart from this, potassium nitrate finds immense applications.

The potassium nitrate market can be majorly segmented on the basis of its raw material segments into:

- Potassium Chloride
- Ammonium Nitrate
- Sodium Nitrate

The potassium nitrate market can be broadly categorised on the basis of its end-use segments into:

- Agricultural Industry
- General Industries
- Pharmaceuticals
- Food Industry
- Others

Market Breakup by Region

- North America
- Europe
- Asia Pacific
- Latin America
- Middle East and Africa

Market Analysis

Potassium nitrate is extensively used in the food industry to preserve food items such as beef, ham, salami, and among others, and in the agriculture sector to produce the fertilizers. Moreover, governments of developing countries are offering subsidies for the sales of fertilisers, resulting in the increased consumption of potassium nitrate. In addition to this, it is resistant to fungal diseases, improves drought tolerance, and maintains a balance between proteins and carbohydrates, and increase food formation in plants and root growth. Growing demand for speciality fertilisers has witnessed a surge in the agriculture segment, which in turn is stimulating the market growth. Furthermore, increasing concerns regarding the depletion of exhaustible resources have also led many organizations to resort to sustainable resources like CSPs, hence, is propelling the potassium nitrate market growth.

Drilling and blasting are essential practices in the mining process and are commonly used to break up benches of rock containing ore. For instance, in the coal mining industry, high-quality explosives such as potassium nitrate are used to extract coal from ground mines. With the surging need for blasting and drilling chemicals in the coal mining industry, the demand for potassium nitrate is expected to increase over the years to come.

Competitive Landscape

The report gives a detailed analysis of the following key players in the global market for potassium nitrate, covering their competitive landscape, capacity, and latest developments like mergers, acquisitions, and investments, expansions of capacity, and plant turnarounds:

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- Haifa Chemicals Ltd
- Migao Corporation
- SQM S.A.
- Uralchem JSC
- Yara North America, Inc.
- Others

The comprehensive EMR report provides an in-depth assessment of the market based on the Porter's five forces model along with giving a SWOT analysis.

Table of Contents:

- 1 Executive Summary
 - 1.1 Market Size 2024-2025
 - 1.2 Market Growth 2025(F)-2034(F)
 - 1.3 Key Demand Drivers
 - 1.4 Key Players and Competitive Structure
 - 1.5 Industry Best Practices
 - 1.6 Recent Trends and Developments
 - 1.7 Industry Outlook
- 2 Market Overview and Stakeholder Insights
 - 2.1 Market Trends
 - 2.2 Key Verticals
 - 2.3 Key Regions
 - 2.4 Supplier Power
 - 2.5 Buyer Power
 - 2.6 Key Market Opportunities and Risks
 - 2.7 Key Initiatives by Stakeholders
- 3 Economic Summary
 - 3.1 GDP Outlook
 - 3.2 GDP Per Capita Growth
 - 3.3 Inflation Trends
 - 3.4 Democracy Index
 - 3.5 Gross Public Debt Ratios
 - 3.6 Balance of Payment (BoP) Position
 - 3.7 Population Outlook
 - 3.8 Urbanisation Trends
- 4 Country Risk Profiles
 - 4.1 Country Risk
 - 4.2 Business Climate
- 5 Global Potassium Nitrate Market Analysis
 - 5.1 Key Industry Highlights
 - 5.2 Global Potassium Nitrate Historical Market (2018-2024)
 - 5.3 Global Potassium Nitrate Market Forecast (2025-2034)
 - 5.4 Global Potassium Nitrate Market by Raw Material
 - 5.4.1 Potassium Chloride

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 5.4.1.1 Historical Trend (2018-2024)
- 5.4.1.2 Forecast Trend (2025-2034)
- 5.4.2 Ammonium Nitrate
 - 5.4.2.1 Historical Trend (2018-2024)
 - 5.4.2.2 Forecast Trend (2025-2034)
- 5.4.3 Sodium Nitrate
 - 5.4.3.1 Historical Trend (2018-2024)
 - 5.4.3.2 Forecast Trend (2025-2034)
- 5.5 Global Potassium Nitrate Market by End Use Industry
 - 5.5.1 Agricultural Industry
 - 5.5.1.1 Historical Trend (2018-2024)
 - 5.5.1.2 Forecast Trend (2025-2034)
 - 5.5.2 General Industries
 - 5.5.2.1 Historical Trend (2018-2024)
 - 5.5.2.2 Forecast Trend (2025-2034)
 - 5.5.3 Pharmaceuticals
 - 5.5.3.1 Historical Trend (2018-2024)
 - 5.5.3.2 Forecast Trend (2025-2034)
 - 5.5.4 Food Industry
 - 5.5.4.1 Historical Trend (2018-2024)
 - 5.5.4.2 Forecast Trend (2025-2034)
 - 5.5.5 Others
- 5.6 Global Potassium Nitrate Market by Region
 - 5.6.1 North America
 - 5.6.1.1 Historical Trend (2018-2024)
 - 5.6.1.2 Forecast Trend (2025-2034)
 - 5.6.2 Europe
 - 5.6.2.1 Historical Trend (2018-2024)
 - 5.6.2.2 Forecast Trend (2025-2034)
 - 5.6.3 Asia Pacific
 - 5.6.3.1 Historical Trend (2018-2024)
 - 5.6.3.2 Forecast Trend (2025-2034)
 - 5.6.4 Latin America
 - 5.6.4.1 Historical Trend (2018-2024)
 - 5.6.4.2 Forecast Trend (2025-2034)
 - 5.6.5 Middle East and Africa
 - 5.6.5.1 Historical Trend (2018-2024)
 - 5.6.5.2 Forecast Trend (2025-2034)
- 6 North America Potassium Nitrate Market Analysis
 - 6.1 United States of America
 - 6.1.1 Historical Trend (2018-2024)
 - 6.1.2 Forecast Trend (2025-2034)
 - 6.2 Canada
 - 6.2.1 Historical Trend (2018-2024)
 - 6.2.2 Forecast Trend (2025-2034)
- 7 Europe Potassium Nitrate Market Analysis
 - 7.1 United Kingdom

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 7.1.1 Historical Trend (2018-2024)
- 7.1.2 Forecast Trend (2025-2034)
- 7.2 Germany
 - 7.2.1 Historical Trend (2018-2024)
 - 7.2.2 Forecast Trend (2025-2034)
- 7.3 France
 - 7.3.1 Historical Trend (2018-2024)
 - 7.3.2 Forecast Trend (2025-2034)
- 7.4 Italy
 - 7.4.1 Historical Trend (2018-2024)
 - 7.4.2 Forecast Trend (2025-2034)
- 7.5 Others
- 8 Asia Pacific Potassium Nitrate Market Analysis
 - 8.1 China
 - 8.1.1 Historical Trend (2018-2024)
 - 8.1.2 Forecast Trend (2025-2034)
 - 8.2 Japan
 - 8.2.1 Historical Trend (2018-2024)
 - 8.2.2 Forecast Trend (2025-2034)
 - 8.3 India
 - 8.3.1 Historical Trend (2018-2024)
 - 8.3.2 Forecast Trend (2025-2034)
 - 8.4 ASEAN
 - 8.4.1 Historical Trend (2018-2024)
 - 8.4.2 Forecast Trend (2025-2034)
 - 8.5 Australia
 - 8.5.1 Historical Trend (2018-2024)
 - 8.5.2 Forecast Trend (2025-2034)
 - 8.6 Others
- 9 Latin America Potassium Nitrate Market Analysis
 - 9.1 Brazil
 - 9.1.1 Historical Trend (2018-2024)
 - 9.1.2 Forecast Trend (2025-2034)
 - 9.2 Argentina
 - 9.2.1 Historical Trend (2018-2024)
 - 9.2.2 Forecast Trend (2025-2034)
 - 9.3 Mexico
 - 9.3.1 Historical Trend (2018-2024)
 - 9.3.2 Forecast Trend (2025-2034)
 - 9.4 Others
- 10 Middle East and Africa Potassium Nitrate Market Analysis
 - 10.1 Saudi Arabia
 - 10.1.1 Historical Trend (2018-2024)
 - 10.1.2 Forecast Trend (2025-2034)
 - 10.2 United Arab Emirates
 - 10.2.1 Historical Trend (2018-2024)
 - 10.2.2 Forecast Trend (2025-2034)

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 10.3 Nigeria
 - 10.3.1 Historical Trend (2018-2024)
 - 10.3.2 Forecast Trend (2025-2034)
- 10.4 South Africa
 - 10.4.1 Historical Trend (2018-2024)
 - 10.4.2 Forecast Trend (2025-2034)
- 10.5 Others
- 11 Market Dynamics
 - 11.1 SWOT Analysis
 - 11.1.1 Strengths
 - 11.1.2 Weaknesses
 - 11.1.3 Opportunities
 - 11.1.4 Threats
 - 11.2 Porter's Five Forces Analysis
 - 11.2.1 Supplier's Power
 - 11.2.2 Buyer's Power
 - 11.2.3 Threat of New Entrants
 - 11.2.4 Degree of Rivalry
 - 11.2.5 Threat of Substitutes
 - 11.3 Key Indicators for Demand
 - 11.4 Key Indicators for Price
- 12 Value Chain Analysis
- 13 Trade Analysis (HS Code - 283421)
 - 13.1 Major Importing Countries
 - 13.1.1 By Volume
 - 13.1.2 By Value
 - 13.2 Major Exporting Countries
 - 13.2.1 By Volume
 - 13.2.2 By Value
- 14 Price Analysis
 - 14.1 North America Historical Price Trends (2018-2024) and Forecast (2025-2034)
 - 14.2 Europe Historical Price Trends (2018-2024) and Forecast (2025-2034)
 - 14.3 Asia Pacific Historical Price Trends (2018-2024) and Forecast (2025-2034)
 - 14.4 Latin America Historical Price Trends (2018-2024) and Forecast (2025-2034)
 - 14.5 Middle East and Africa Historical Price Trends (2018-2024) and Forecast (2025-2034)
- 15 Manufacturing Process
 - 15.1 Overview
 - 15.2 Detailed Process Flow
 - 15.3 Operation Involved
- 16 Competitive Landscape
 - 16.1 Supplier Selection
 - 16.2 Key Global Players
 - 16.3 Key Regional Players
 - 16.4 Key Player Strategies
 - 16.5 Company Profiles
 - 16.5.1 Haifa Chemicals Ltd
 - 16.5.1.1 Company Overview

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 16.5.1.2 Product Portfolio
- 16.5.1.3 Demographic Reach and Achievements
- 16.5.1.4 Certifications
- 16.5.2 Migao Corporation
 - 16.5.2.1 Company Overview
 - 16.5.2.2 Product Portfolio
 - 16.5.2.3 Demographic Reach and Achievements
 - 16.5.2.4 Certifications
- 16.5.3 SQM S.A.
 - 16.5.3.1 Company Overview
 - 16.5.3.2 Product Portfolio
 - 16.5.3.3 Demographic Reach and Achievements
 - 16.5.3.4 Certifications
- 16.5.4 Uralchem JSC
 - 16.5.4.1 Company Overview
 - 16.5.4.2 Product Portfolio
 - 16.5.4.3 Demographic Reach and Achievements
 - 16.5.4.4 Certifications
- 16.5.5 Yara North America, Inc.
 - 16.5.5.1 Company Overview
 - 16.5.5.2 Product Portfolio
 - 16.5.5.3 Demographic Reach and Achievements
 - 16.5.5.4 Certifications
- 16.5.6 Others

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Potassium Nitrate Market Report and Forecast 2025-2034

Market Report | 2025-08-13 | 169 pages | EMR Inc.

To place an Order with Scotts International:

- Print this form
- Complete the relevant blank fields and sign
- Send as a scanned email to support@scotts-international.com

ORDER FORM:

Select license	License	Price
	Single User License	\$3599.00
	Five User License	\$4249.00
	Corporate License	\$5099.00
		VAT
		Total

*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

** VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*	<input type="text"/>	Phone*	<input type="text"/>
First Name*	<input type="text"/>	Last Name*	<input type="text"/>
Job title*	<input type="text"/>		
Company Name*	<input type="text"/>	EU Vat / Tax ID / NIP number*	<input type="text"/>
Address*	<input type="text"/>	City*	<input type="text"/>
Zip Code*	<input type="text"/>	Country*	<input type="text"/>
		Date	<input type="text" value="2026-03-04"/>
		Signature	<input type="text"/>

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com