

NPK Fertilizers (feed-grade and food-grade) Market by Application (Bakery Products, Meat & Meat Products, Dairy Products, and Beverages), Form (Powder, Liquid, and Others), Type (Nitrogen, Phosphorus, Potassium, and Others), and Region-Global Forecast to 2023

<https://marketpublishers.com/r/NB43817C9A7EN.html>

Date: August 2019

Pages: 209

Price: US\$ 5,650.00 (Single User License)

ID: NB43817C9A7EN

Abstracts

“The NPK fertilizers (food-grade) market is projected to grow at a CAGR of 4.0%.”

The NPK fertilizers (food-grade) market is estimated to be valued at USD 2.4 billion in 2018 and is projected to reach USD 2.9 billion by 2023, at a CAGR of 4.0% from 2018 to 2023. The market is driven by a rise in consumption of meat & dairy products and increasing awareness about the quality of food products. Skepticism associated with the use of NPK fertilizers (food-grade) is the major challenge for the growth of this market.

“Phosphorus segment estimated to lead the market with the largest share from 2018.”

The NPK fertilizers (food-grade) market, in terms of type, is estimated to be led by the phosphorus segment in 2018. The segment is also projected to grow at the highest CAGR between 2018 and 2023. Increasing demand for dairy and meat & meat products, along with growing consumer awareness regarding the benefits of food-grade phosphate are some of the major factors driving the market.

“The powder segment is projected to be the fastest-growing form of NPK fertilizers (food-grade) from 2018 to 2023.”

The NPK fertilizers (food-grade) market, by form, is estimated to be dominated by the

powder segment in 2018. The powder segment is driven mainly by its ease of use, uniform consistency, and ability to not alter the desired texture of the food product. Such types of food-grade fertilizers are preferred especially for processing powdered products such as spray-dried cheese or milk powders and aid in the protection of milk proteins from heat dehydration.

“Asia Pacific set to lead the NPK fertilizers (feed-grade and food-grade) market with the largest share in 2018.”

The Asia Pacific NPK fertilizers (feed-grade and food-grade) market is estimated to be the largest in 2018. The market is driven by the changing food consumption patterns in the region owing to rising incomes and urbanization, especially in South Asian countries.

The penetration of commercial feed and high-protein food is increasing in most countries in this region. The region has also witnessed promising growth in the production of processed feed in the last few years, owing to increasing awareness about the benefits of commercial feed. As a result, the demand for NPK fertilizers (feed-grade) is projected to grow in the region.

The breakdown of the primaries based on company type, designation, and region, conducted during the research study, is as follows:

By Company Type: Tier I: 28%, Tier II: 33%, and Tier III: 39%

By Designation: C Level: 49%, D Level: 21%, Others: 30%

By Region: North America: 25%, Europe: 30%, Asia Pacific: 40%, and RoW: 5%

The NPK fertilizers (feed-grade and food-grade) market comprises of major players such as Borealis AG (Austria), AkzoNobel (Netherlands), Yara International ASA (Norway), Petr?leo Brasileiro S.A. (Brazil), Agrium Inc. (Canada), The Mosaic Company (US), Israel Chemicals Ltd. (Israel), EuroChem (Switzerland), PotashCorp (Canada), K+S AKTIENGESSELLSCHAFT (Germany), Alltech (US), PhosAgro (Russia), Haifa Chemicals (Israel), Aditya Birla Chemicals (India), SKW Stickstoffwerke Piesteritz (Germany). The study includes an in-depth competitive analysis of these players in the NPK fertilizers (feed-grade and food-grade) market, with their company profiles, recent developments, and the key market strategies.

Research Coverage

The report analyzes the NPK fertilizers (food-grade) market along with NPK fertilizers (feed-grade) market across different types and regions. It aims at estimating the market size and future growth potential of this market across different segments such as type (food-grade), form (feed- and food-grade), application (food-grade), livestock (feed-grade), and region (feed- and food-grade). The report also includes an in-depth competitive analysis of the key players in the market, along with their company profiles, recent developments, and key market strategies.

Key Benefits of Buying the Report

The report will help market leaders/new entrants in this market with information on the closest approximations of the revenue numbers for the overall NPK fertilizers (feed-grade and food-grade) market and subsegments. This report will help stakeholders understand the competitive landscape and gain more insights to position their businesses better and to plan suitable go-to-market strategies. The report will also help the stakeholders to understand the pulse of the market and will provide them with information on key market drivers, restraints, challenges, and opportunities.

Contents

1 INTRODUCTION

- 1.1 OBJECTIVES OF THE STUDY
- 1.2 MARKET DEFINITION
- 1.3 STUDY SCOPE
- 1.4 PERIODIZATION CONSIDERED
- 1.5 CURRENCY
- 1.6 STAKEHOLDERS

2 RESEARCH METHODOLOGY

- 2.1 RESEARCH DATA
 - 2.1.1 SECONDARY DATA
 - 2.1.1.1 Key data from secondary sources
 - 2.1.2 PRIMARY DATA
 - 2.1.2.1 Key data from primary sources
 - 2.1.2.2 Breakdown of primaries
- 2.2 MARKET SIZE ESTIMATION
- 2.3 DATA TRIANGULATION
- 2.4 RESEARCH ASSUMPTIONS AND LIMITATIONS
 - 2.4.1 RESEARCH ASSUMPTIONS
 - 2.4.2 RESEARCH LIMITATIONS

3 EXECUTIVE SUMMARY

4 PREMIUM INSIGHTS

- 4.1 ATTRACTIVE OPPORTUNITIES IN THE NPK FERTILIZERS (FEED-GRADE AND FOOD-GRADE) MARKET
- 4.2 ASIA PACIFIC: NPK FERTILIZERS (FEED-GRADE) MARKET, BY TYPE & KEY COUNTRY
- 4.3 NPK FERTILIZERS (FOOD-GRADE) MARKET, BY FORM & REGION
- 4.4 NPK FERTILIZERS (FEED-GRADE) MARKET, BY LIVESTOCK & REGION

5 MARKET OVERVIEW

5.1 INTRODUCTION

NPK Fertilizers (feed-grade and food-grade) Market by Application (Bakery Products, Meat & Meat Products, Dair...

5.2 MARKET DYNAMICS

5.2.1 DRIVERS

5.2.1.1 Rise in consumption of meat and dairy products

5.2.1.2 High threat of diseases in livestock

5.2.1.3 Increasing awareness about the quality of feed and food products

5.2.2 RESTRAINTS

5.2.2.1 Toxicity of feed-grade fertilizers in ruminants

5.2.3 OPPORTUNITIES

5.2.3.1 Emerging markets with growth opportunities

5.2.4 CHALLENGES

5.2.4.1 Skepticism associated with the use of NPK fertilizers (feed-grade and food-grade)

5.3 VALUE CHAIN ANALYSIS

5.3.1 REGULATORY LANDSCAPE

5.3.1.1 US

5.3.1.2 Canada

5.3.1.3 Europe

5.3.1.4 China

5.3.1.5 Japan

5.3.1.6 India

6 NPK FERTILIZERS (FOOD-GRADE) MARKET, BY TYPE

6.1 INTRODUCTION

6.2 PHOSPHORUS

6.3 NITROGEN

6.4 POTASSIUM

6.5 OTHERS

7 NPK FERTILIZERS (FOOD-GRADE) MARKET, BY APPLICATION

7.1 INTRODUCTION

7.2 MEAT & MEAT PRODUCTS

7.3 BAKERY PRODUCTS

7.4 DAIRY PRODUCTS

7.5 BEVERAGES

8 NPK FERTILIZERS (FOOD-GRADE) MARKET, BY FORM

8.1 INTRODUCTION

8.2 POWDER

8.3 LIQUID

8.4 OTHERS

9 NPK FERTILIZERS (FEED-GRADE) MARKET, BY LIVESTOCK

9.1 INTRODUCTION

9.2 RUMINANTS

9.3 POULTRY

9.4 SWINE

9.5 OTHERS

10 NPK FERTILIZERS (FEED-GRADE) MARKET, BY TYPE

10.1 INTRODUCTION

10.2 NITROGEN

10.3 PHOSPHORUS

10.4 POTASSIUM

10.5 OTHERS

11 NPK FERTILIZERS (FEED-GRADE AND FOOD-GRADE) MARKET, BY REGION

11.1 INTRODUCTION

11.2 NORTH AMERICA

11.2.1 US

11.2.2 CANADA

11.2.3 MEXICO

11.3 EUROPE

11.3.1 GERMANY

11.3.2 FRANCE

11.3.3 UK

11.3.4 SPAIN

11.3.5 ITALY

11.3.6 REST OF EUROPE

11.4 ASIA PACIFIC

11.4.1 CHINA

11.4.2 INDIA

11.4.3 JAPAN

- 11.4.4 AUSTRALIA
- 11.4.5 REST OF ASIA PACIFIC
- 11.5 SOUTH AMERICA
 - 11.5.1 BRAZIL
 - 11.5.2 ARGENTINA
 - 11.5.3 REST OF SOUTH AMERICA
- 11.6 REST OF THE WORLD (ROW)
 - 11.6.1 AFRICA
 - 11.6.2 MIDDLE EAST

12 COMPETITIVE LANDSCAPE

- 12.1 OVERVIEW
- 12.2 COMPETITIVE SCENARIO
- 12.3 MARKET RANKING ANALYSIS
- 12.4 ACQUISITIONS
- 12.5 EXPANSIONS
 - 12.5.1 NEW PRODUCT LAUNCHES/DEVELOPMENTS/REGISTRATIONS

13 COMPANY PROFILES

(Business overview, Products offered, Recent Developments, SWOT analysis, MNM view)*

- 13.1 BOREALIS AG
- 13.2 AKZONOBEL
- 13.3 YARA INTERNATIONAL ASA
- 13.4 PETROBRAS S.A.
- 13.5 AGRIUM INC.
- 13.6 THE MOSAIC COMPANY
- 13.7 ISRAEL CHEMICALS LTD.
- 13.8 EUROCHEM
- 13.9 THE POTASH CORPORATION OF SASKATCHEWAN INC.
- 13.10 K+S AKTIENGESELLSCHAFT
- 13.11 ALLTECH
- 13.12 PHOSAGRO
- 13.13 HAIFA CHEMICALS LTD.
- 13.14 ADITYA BIRLA CHEMICALS
- 13.15 SKW STICKSTOFFWERKE PIESTERITZ GMBH

*Details on Business overview, Products offered, Recent Developments, SWOT

analysis, MNM view might not be captured in case of unlisted companies.

14 APPENDIX

14.1 DISCUSSION GUIDE

14.2 KNOWLEDGE STORE: MARKETSANDMARKETS' SUBSCRIPTION PORTAL

14.3 AVAILABLE CUSTOMIZATIONS

14.4 RELATED REPORTS

14.5 AUTHOR DETAILS

List Of Tables

LIST OF TABLES

TABLE 1 US DOLLAR EXCHANGE RATE CONSIDERED, 2012 TO 2017

TABLE 2 NPK FERTILIZERS (FEED-GRADE) MARKET VS. NPK FERTILIZERS (FOOD-GRADE) MARKET SNAPSHOT, BY VOLUME, 2017

TABLE 3 DIETARY REQUIREMENTS AND MAXIMUM TOLERANCE CONCENTRATION OF SELECTED MINERALS

TABLE 4 PER CAPITA CONSUMPTION OF MEAT AND MILK, 1964–2030

TABLE 5 LABELING OF COMMERCIAL FEED CONTAINING ANY ADDED NON-PROTEIN NITROGEN

TABLE 6 CONVERSION FACTORS OF PERMITTED FORMS OF PHOSPHATES

TABLE 7 EUROPEAN COMMUNITIES (PROTEIN FEEDING STUFFS) (AMENDMENT) REGULATIONS, 1996

TABLE 8 NPK FERTILIZERS (FOOD-GRADE) MARKET SIZE, BY TYPE, 2016–2023 (USD MILLION)

TABLE 9 NPK FERTILIZERS (FOOD-GRADE) MARKET SIZE, BY TYPE, 2016–2023 (KT)

TABLE 10 FOOD-GRADE PHOSPHORUS MARKET SIZE, BY REGION, 2016–2023 (USD MILLION)

TABLE 11 FOOD-GRADE PHOSPHORUS MARKET SIZE, BY REGION, 2016–2023 (KT)

TABLE 12 FOOD-GRADE NITROGEN MARKET SIZE, BY REGION, 2016–2023 (USD MILLION)

TABLE 13 FOOD-GRADE NITROGEN MARKET SIZE, BY REGION, 2016–2023 (KT)

TABLE 14 FOOD-GRADE POTASSIUM MARKET SIZE, BY REGION, 2016–2023 (USD MILLION)

TABLE 15 FOOD-GRADE POTASSIUM MARKET SIZE, BY REGION, 2016–2023 (KT)

TABLE 16 OTHER FOOD-GRADE FERTILIZERS MARKET SIZE, BY REGION, 2016–2023 (USD MILLION)

TABLE 17 OTHER FOOD-GRADE FERTILIZERS MARKET SIZE, BY REGION, 2016–2023 (KT)

TABLE 18 NPK FERTILIZERS (FOOD-GRADE) MARKET SIZE, BY APPLICATION, 2016–2023 (USD MILLION)

TABLE 19 NPK FERTILIZERS (FOOD-GRADE) MARKET SIZE, BY APPLICATION, 2016–2023 (KT)

TABLE 20 NPK FERTILIZERS (FOOD-GRADE) MARKET SIZE FOR MEAT & MEAT PRODUCTS, BY REGION, 2016–2023 (USD MILLION)

TABLE 21 NPK FERTILIZERS (FOOD-GRADE) MARKET SIZE FOR MEAT & MEAT PRODUCTS, BY REGION, 2016–2023 (KT)

TABLE 22 NPK FERTILIZERS (FOOD-GRADE) MARKET SIZE FOR BAKERY PRODUCTS, BY REGION, 2016–2023 (USD MILLION)

TABLE 23 NPK FERTILIZERS (FOOD-GRADE) MARKET SIZE FOR BAKERY PRODUCTS, BY REGION, 2016–2023 (KT)

TABLE 24 NPK FERTILIZERS (FOOD-GRADE) MARKET SIZE FOR DAIRY PRODUCTS, BY REGION, 2016–2023 (USD MILLION)

TABLE 25 NPK FERTILIZERS (FOOD-GRADE) MARKET SIZE FOR DAIRY PRODUCTS, BY REGION, 2016–2023 (KT)

TABLE 26 NPK FERTILIZERS (FOOD-GRADE) MARKET SIZE FOR BEVERAGES, BY REGION, 2016–2023 (USD MILLION)

TABLE 27 NPK FERTILIZERS (FOOD-GRADE) MARKET SIZE FOR BEVERAGES, BY REGION, 2016–2023 (KT)

TABLE 28 NPK FERTILIZERS (FOOD-GRADE) MARKET SIZE, BY FORM, 2016–2023 (USD MILLION)

TABLE 29 NPK FERTILIZERS (FOOD-GRADE) MARKET SIZE, BY FORM, 2016–2023 (KT)

TABLE 30 POWDER: NPK FERTILIZERS (FOOD-GRADE) MARKET SIZE, BY REGION, 2016–2023 (USD MILLION)

TABLE 31 POWDER: NPK FERTILIZERS (FOOD-GRADE) MARKET SIZE, BY REGION, 2016–2023 (KT)

TABLE 32 LIQUID: NPK FERTILIZERS (FOOD-GRADE) MARKET SIZE, BY REGION, 2016–2023 (USD MILLION)

TABLE 33 LIQUID: NPK FERTILIZERS (FOOD-GRADE) MARKET SIZE, BY REGION, 2016–2023 (KT)

TABLE 34 OTHER FORMS: NPK FERTILIZERS (FOOD-GRADE) MARKET SIZE, BY REGION, 2016–2023 (USD MILLION)

TABLE 35 OTHER FORMS: NPK FERTILIZERS (FOOD-GRADE) MARKET SIZE, BY REGION, 2016–2023 (KT)

TABLE 36 NPK FERTILIZERS (FEED-GRADE) MARKET SIZE, BY LIVESTOCK, 2016–2023 (USD MILLION)

TABLE 37 NPK FERTILIZERS (FEED-GRADE) MARKET SIZE, BY LIVESTOCK, 2016–2023 (KT)

TABLE 38 NPK FERTILIZERS (FEED-GRADE) MARKET SIZE IN RUMINANT FEED, BY REGION, 2016–2023 (USD MILLION)

TABLE 39 NPK FERTILIZERS (FEED-GRADE) MARKET SIZE IN RUMINANT FEED, BY REGION, 2016–2023 (KT)

TABLE 40 NPK FERTILIZERS (FEED-GRADE) MARKET SIZE IN POULTRY FEED,

BY REGION, 2016–2023 (USD MILLION)

TABLE 41 POULTRY: NPK FERTILIZERS (FEED-GRADE) MARKET SIZE, BY REGION, 2016–2023 (KT)

TABLE 42 NPK FERTILIZERS (FEED-GRADE) MARKET SIZE IN SWINE FEED, BY REGION, 2016–2023 (USD MILLION)

TABLE 43 NPK FERTILIZERS (FEED-GRADE) MARKET SIZE IN SWINE FEED, BY REGION, 2016–2023 (KT)

TABLE 44 NPK FERTILIZERS (FEED-GRADE) MARKET SIZE IN OTHER LIVESTOCK, BY REGION, 2016–2023 (USD MILLION)

TABLE 45 NPK FERTILIZERS (FEED-GRADE) MARKET SIZE IN OTHER LIVESTOCK, BY REGION, 2016–2023 (KT)

TABLE 46 NPK FERTILIZERS (FEED-GRADE) MARKET SIZE, BY TYPE, 2016–2023 (USD MILLION)

TABLE 47 NPK FERTILIZERS (FEED-GRADE) MARKET SIZE, BY TYPE, 2016–2023 (KT)

TABLE 48 NITROGEN: NPK FERTILIZERS (FEED-GRADE) MARKET SIZE, BY REGION, 2016–2023 (USD MILLION)

TABLE 49 NITROGEN: NPK FERTILIZERS (FEED-GRADE) MARKET SIZE, BY REGION, 2016–2023 (KT)

TABLE 50 PHOSPHORUS: NPK FERTILIZERS (FEED-GRADE) MARKET SIZE, BY REGION, 2016–2023 (USD MILLION)

TABLE 51 PHOSPHORUS: NPK FERTILIZERS (FEED-GRADE) MARKET SIZE, BY REGION, 2016–2023 (KT)

TABLE 52 POTASSIUM: NPK FERTILIZERS (FEED-GRADE) MARKET SIZE, BY REGION, 2016–2023 (USD MILLION)

TABLE 53 POTASSIUM: NPK FERTILIZERS (FEED-GRADE) MARKET SIZE, BY REGION, 2016–2023 (KT)

TABLE 54 OTHERS: NPK FERTILIZERS (FEED-GRADE) MARKET SIZE, BY REGION, 2016–2023 (USD MILLION)

TABLE 55 OTHERS: NPK FERTILIZERS (FEED-GRADE) MARKET SIZE, BY REGION, 2016–2023 (KT)

TABLE 56 NPK FERTILIZERS (FOOD-GRADE) MARKET SIZE, BY REGION, 2016–2023 (USD MILLION)

TABLE 57 NPK FERTILIZERS (FOOD-GRADE) MARKET SIZE, BY REGION, 2016–2023 (KT)

TABLE 58 NPK FERTILIZERS (FEED-GRADE) MARKET SIZE, BY REGION, 2016–2023 (USD MILLION)

TABLE 59 NPK FERTILIZERS (FEED-GRADE) MARKET SIZE, BY REGION, 2016–2023 (KT)

TABLE 60 NORTH AMERICA: NPK FERTILIZERS (FOOD-GRADE) MARKET SIZE, BY COUNTRY, 2016–2023 (USD MILLION)

TABLE 61 NORTH AMERICA: NPK FERTILIZERS (FOOD-GRADE) MARKET SIZE, BY COUNTRY, 2016–2023 (KT)

TABLE 62 NORTH AMERICA: NPK FERTILIZERS (FEED-GRADE) MARKET SIZE, BY COUNTRY, 2016–2023 (USD MILLION)

TABLE 63 NORTH AMERICA: NPK FERTILIZERS (FEED-GRADE) MARKET SIZE, BY COUNTRY, 2016–2023 (KT)

TABLE 64 NORTH AMERICA: NPK FERTILIZERS (FOOD-GRADE) MARKET SIZE, BY TYPE, 2016–2023 (USD MILLION)

TABLE 65 NORTH AMERICA: NPK FERTILIZERS (FOOD-GRADE) MARKET SIZE, BY TYPE, 2016–2023 (KT)

TABLE 66 NORTH AMERICA: NPK FERTILIZERS (FOOD-GRADE) MARKET SIZE, BY APPLICATION, 2016–2023 (USD MILLION)

TABLE 67 NORTH AMERICA: NPK FERTILIZERS (FOOD-GRADE) MARKET SIZE, BY APPLICATION, 2016–2023 (KT)

TABLE 68 NORTH AMERICA: NPK FERTILIZERS (FOOD-GRADE) MARKET SIZE, BY FORM, 2016–2023 (USD MILLION)

TABLE 69 NORTH AMERICA: NPK FERTILIZERS (FOOD-GRADE) MARKET SIZE, BY FORM, 2016–2023 (KT)

TABLE 70 NORTH AMERICA: NPK FERTILIZERS (FEED-GRADE) MARKET SIZE, BY TYPE, 2016–2023 (USD MILLION)

TABLE 71 NORTH AMERICA: NPK FERTILIZERS (FEED-GRADE) MARKET SIZE, BY TYPE, 2016–2023 (KT)

TABLE 72 NORTH AMERICA: NPK FERTILIZERS (FEED-GRADE) MARKET SIZE, BY LIVESTOCK, 2016–2022 (USD MILLION)

TABLE 73 NORTH AMERICA: NPK FERTILIZERS (FEED-GRADE) MARKET SIZE, BY LIVESTOCK, 2016–2022 (KT)

TABLE 74 US: NPK FERTILIZERS (FEED-GRADE) MARKET SIZE, BY TYPE, 2016–2022 (USD MILLION)

TABLE 75 CANADA: NPK FERTILIZERS (FEED-GRADE) MARKET SIZE, BY TYPE, 2016–2022 (USD MILLION)

TABLE 76 MEXICO: NPK FERTILIZERS (FEED-GRADE) MARKET SIZE, BY TYPE, 2016–2022 (USD MILLION)

TABLE 77 EUROPE: NPK FERTILIZERS (FOOD-GRADE) MARKET SIZE, BY COUNTRY, 2016–2023 (USD MILLION)

TABLE 78 EUROPE: NPK FERTILIZERS (FOOD-GRADE) MARKET SIZE, BY COUNTRY, 2016–2023 (KT)

TABLE 79 EUROPE: NPK FERTILIZERS (FEED-GRADE) MARKET SIZE, BY

COUNTRY, 2016–2023 (USD MILLION)

TABLE 80 EUROPE: NPK FERTILIZERS (FEED-GRADE) MARKET SIZE, BY
COUNTRY, 2016–2023 (KT)

TABLE 81 EUROPE: NPK FERTILIZERS (FOOD-GRADE) MARKET SIZE, BY TYPE,
2016–2023 (USD MILLION)

TABLE 82 EUROPE: NPK FERTILIZERS (FOOD-GRADE) MARKET SIZE, BY TYPE,
2016–2023 (KT)

TABLE 83 EUROPE: NPK FERTILIZERS (FOOD-GRADE) MARKET SIZE, BY
APPLICATION, 2016–2023 (USD MILLION)

TABLE 84 EUROPE: NPK FERTILIZERS (FOOD-GRADE) MARKET SIZE, BY
APPLICATION, 2016–2023 (KT)

TABLE 85 EUROPE: NPK FERTILIZERS (FOOD-GRADE) MARKET SIZE, BY FORM,
2016–2023 (USD MILLION)

TABLE 86 EUROPE: NPK FERTILIZERS (FOOD-GRADE) MARKET SIZE, BY FORM,
2016–2023 (KT)

TABLE 87 EUROPE: NPK FERTILIZERS (FEED-GRADE) MARKET SIZE, BY TYPE,
2016–2023 (USD MILLION)

TABLE 88 EUROPE: NPK FERTILIZERS (FEED-GRADE) MARKET SIZE, BY TYPE,
2016–2023 (KT)

TABLE 89 EUROPE: NPK FERTILIZERS (FEED-GRADE) MARKET SIZE, BY
LIVESTOCK, 2016–2023 (USD MILLION)

TABLE 90 EUROPE: NPK FERTILIZERS (FEED-GRADE) MARKET SIZE, BY
LIVESTOCK, 2016–2023 (KT)

TABLE 91 GERMANY: NPK FERTILIZERS (FEED-GRADE) MARKET SIZE, BY TYPE,
2016–2023 (USD MILLION)

TABLE 92 FRANCE: NPK FERTILIZERS (FEED-GRADE) MARKET SIZE, BY TYPE,
2016–2023 (USD MILLION)

TABLE 93 UK: NPK FERTILIZERS (FEED-GRADE) MARKET SIZE, BY TYPE,
2016–2023 (USD MILLION)

TABLE 94 SPAIN: NPK FERTILIZERS (FEED-GRADE) MARKET SIZE, BY TYPE,
2016–2023 (USD MILLION)

TABLE 95 ITALY: NPK FERTILIZERS (FEED-GRADE) MARKET SIZE, BY TYPE,
2016–2023 (USD MILLION)

TABLE 96 REST OF EUROPE: NPK FERTILIZERS (FEED-GRADE) MARKET SIZE,
BY TYPE, 2016–2023 (USD MILLION)

TABLE 97 ASIA PACIFIC: NPK FERTILIZERS (FOOD-GRADE) MARKET SIZE, BY
COUNTRY, 2016–2023 (USD MILLION)

TABLE 98 ASIA PACIFIC: NPK FERTILIZERS (FOOD-GRADE) MARKET SIZE, BY
COUNTRY, 2016–2023 (KT)

TABLE 99 ASIA PACIFIC: NPK FERTILIZERS (FEED-GRADE) MARKET SIZE, BY COUNTRY, 2016–2023 (USD MILLION)

TABLE 100 ASIA PACIFIC: NPK FERTILIZERS (FEED-GRADE) MARKET SIZE, BY COUNTRY, 2016–2023 (KT)

TABLE 101 ASIA PACIFIC: NPK FERTILIZERS (FOOD-GRADE) MARKET SIZE, BY TYPE, 2016–2023 (USD MILLION)

TABLE 102 ASIA PACIFIC: NPK FERTILIZERS (FOOD-GRADE) MARKET SIZE, BY TYPE, 2016–2023 (KT)

TABLE 103 ASIA PACIFIC: NPK FERTILIZERS (FOOD-GRADE) MARKET SIZE, BY APPLICATION, 2016–2023 (USD MILLION)

TABLE 104 ASIA PACIFIC: NPK FERTILIZERS (FOOD-GRADE) MARKET SIZE, BY APPLICATION, 2016–2023 (KT)

TABLE 105 ASIA PACIFIC: NPK FERTILIZERS (FOOD-GRADE) MARKET SIZE, BY FORM, 2016–2023 (USD MILLION)

TABLE 106 ASIA PACIFIC: NPK FERTILIZERS (FOOD-GRADE) MARKET SIZE, BY FORM, 2016–2023 (KT)

TABLE 107 ASIA PACIFIC: NPK FERTILIZERS (FEED-GRADE) MARKET SIZE, BY TYPE, 2016–2023 (USD MILLION)

TABLE 108 ASIA PACIFIC: NPK FERTILIZERS (FEED-GRADE) MARKET SIZE, BY TYPE, 2016–2023 (KT)

TABLE 109 ASIA PACIFIC: NPK FERTILIZERS (FEED-GRADE) MARKET SIZE, BY LIVESTOCK, 2016–2023 (USD MILLION)

TABLE 110 ASIA PACIFIC: NPK FERTILIZERS (FEED-GRADE) MARKET SIZE, BY LIVESTOCK, 2016–2023 (KT)

TABLE 111 CHINA: NPK FERTILIZERS (FEED-GRADE) MARKET SIZE, BY TYPE, 2016–2023 (USD MILLION)

TABLE 112 INDIA: NPK FERTILIZERS (FEED-GRADE) MARKET SIZE, BY TYPE, 2016–2023 (USD MILLION)

TABLE 113 JAPAN: NPK FERTILIZERS (FEED-GRADE) MARKET SIZE, BY TYPE, 2016–2023 (USD MILLION)

TABLE 114 AUSTRALIA: NPK FERTILIZERS (FEED-GRADE) MARKET SIZE, BY TYPE, 2016–2023 (USD MILLION)

TABLE 115 REST OF ASIA PACIFIC: NPK FERTILIZERS (FEED-GRADE) MARKET SIZE, BY TYPE, 2016–2023 (USD MILLION)

TABLE 116 SOUTH AMERICA: NPK FERTILIZERS (FOOD-GRADE) MARKET SIZE, BY COUNTRY, 2016–2023 (USD MILLION)

TABLE 117 SOUTH AMERICA: NPK FERTILIZERS (FOOD-GRADE) MARKET SIZE, BY COUNTRY, 2016–2023 (KT)

TABLE 118 SOUTH AMERICA: NPK FERTILIZERS (FEED-GRADE) MARKET SIZE,

BY COUNTRY, 2016–2023 (USD MILLION)

TABLE 119 SOUTH AMERICA: NPK FERTILIZERS (FEED-GRADE) MARKET SIZE, BY COUNTRY, 2016–2023 (KT)

TABLE 120 SOUTH AMERICA: NPK FERTILIZERS (FOOD-GRADE) MARKET SIZE, BY TYPE, 2016–2023 (USD MILLION)

TABLE 121 SOUTH AMERICA: NPK FERTILIZERS (FOOD-GRADE) MARKET SIZE, BY TYPE, 2016–2023 (KT)

TABLE 122 SOUTH AMERICA: NPK FERTILIZERS (FOOD-GRADE) MARKET SIZE, BY APPLICATION, 2016–2023 (USD MILLION)

TABLE 123 SOUTH AMERICA: NPK FERTILIZERS (FOOD-GRADE) MARKET SIZE, BY APPLICATION, 2016–2023 (KT)

TABLE 124 SOUTH AMERICA: NPK FERTILIZERS (FOOD-GRADE) MARKET SIZE, BY FORM, 2016–2023 (USD MILLION)

TABLE 125 SOUTH AMERICA: NPK FERTILIZERS (FOOD-GRADE) MARKET SIZE, BY FORM, 2016–2023 (KT)

TABLE 126 SOUTH AMERICA: NPK FERTILIZERS (FEED-GRADE) MARKET SIZE, BY TYPE, 2016–2023 (USD MILLION)

TABLE 127 SOUTH AMERICA: NPK FERTILIZERS (FEED-GRADE) MARKET SIZE, BY TYPE, 2016–2023 (KT)

TABLE 128 SOUTH AMERICA: NPK FERTILIZERS (FEED-GRADE) MARKET SIZE, BY LIVESTOCK, 2016–2022 (USD MILLION)

TABLE 129 SOUTH AMERICA: NPK FERTILIZERS (FEED-GRADE) MARKET SIZE, BY LIVESTOCK, 2016–2022 (KT)

TABLE 130 BRAZIL: NPK FERTILIZERS (FEED-GRADE) MARKET SIZE, BY TYPE, 2016–2022 (USD MILLION)

TABLE 131 ARGENTINA: NPK FERTILIZERS (FEED-GRADE) MARKET SIZE, BY TYPE, 2016–2023 (USD MILLION)

TABLE 132 REST OF SOUTH AMERICA: NPK FERTILIZERS (FEED-GRADE) MARKET SIZE, BY TYPE, 2016–2023 (USD MILLION)

TABLE 133 ROW: NPK FERTILIZERS (FOOD-GRADE) MARKET SIZE, BY REGION, 2016–2023 (USD MILLION)

TABLE 134 ROW: NPK FERTILIZERS (FOOD-GRADE) MARKET SIZE, BY REGION, 2016–2023 (KT)

TABLE 135 ROW: NPK FERTILIZERS (FEED-GRADE) MARKET SIZE, BY REGION, 2016–2023 (USD MILLION)

TABLE 136 ROW: NPK FERTILIZERS (FEED-GRADE) MARKET SIZE, BY COUNTRY, 2016–2023 (KT)

TABLE 137 ROW: NPK FERTILIZERS (FOOD-GRADE) MARKET SIZE, BY TYPE, 2016–2023 (USD MILLION)

TABLE 138 ROW: NPK FERTILIZERS (FOOD-GRADE) MARKET SIZE, BY TYPE, 2016–2023 (KT)

TABLE 139 ROW: NPK FERTILIZERS (FOOD-GRADE) MARKET SIZE, BY APPLICATION, 2016–2023 (USD MILLION)

TABLE 140 ROW: NPK FERTILIZERS (FOOD-GRADE) MARKET SIZE, BY APPLICATION, 2016–2023 (KT)

TABLE 141 ROW: NPK FERTILIZERS (FOOD-GRADE) MARKET SIZE, BY FORM, 2016–2023 (USD MILLION)

TABLE 142 ROW: NPK FERTILIZERS (FOOD-GRADE) MARKET SIZE, BY FORM, 2016–2023 (KT)

TABLE 143 ROW: NPK FERTILIZERS (FEED-GRADE) MARKET SIZE, BY TYPE, 2016–2023 (USD MILLION)

TABLE 144 ROW: NPK FERTILIZERS (FEED-GRADE) MARKET SIZE, BY TYPE, 2016–2023 (KT)

TABLE 145 ROW: NPK FERTILIZERS (FEED-GRADE) MARKET SIZE, BY LIVESTOCK, 2016–2022 (USD MILLION)

TABLE 146 ROW: NPK FERTILIZERS (FEED-GRADE) MARKET SIZE, BY LIVESTOCK, 2016–2022 (KT)

TABLE 147 AFRICA: NPK FERTILIZERS (FEED-GRADE) MARKET SIZE, BY TYPE, 2016–2023 (USD MILLION)

TABLE 148 MIDDLE EAST: NPK FERTILIZERS (FEED-GRADE) MARKET SIZE, BY TYPE, 2016–2022 (USD MILLION)

TABLE 149 ACQUISITIONS, 2010–2018

TABLE 150 EXPANSIONS, 2011–2018

TABLE 151 NEW PRODUCT LAUNCHES/DEVELOPMENTS/REGISTRATIONS, 2013–2018

List Of Figures

LIST OF FIGURES

FIGURE 1 NPK FERTILIZERS (FOOD-GRADE) MARKET SEGMENTATION

FIGURE 2 NPK FERTILIZERS (FEED-GRADE) MARKET SEGMENTATION

FIGURE 3 REGIONAL SCOPE

FIGURE 4 NPK FERTILIZERS (FEED-GRADE AND FOOD-GRADE) MARKET:
RESEARCH DESIGN

FIGURE 5 NPK FERTILIZERS (FEED-GRADE AND FOOD-GRADE) MARKET SIZE
ESTIMATION METHODOLOGY: BOTTOM-UP APPROACH

FIGURE 6 NPK FERTILIZERS (FEED-GRADE AND FOOD-GRADE) MARKET SIZE
ESTIMATION METHODOLOGY: TOP-DOWN APPROACH

FIGURE 7 NPK FERTILIZERS (FEED-GRADE) MARKET SIZE ESTIMATION
METHODOLOGY: BOTTOM-UP APPROACH

FIGURE 8 NPK FERTILIZERS (FEED-GRADE) MARKET SIZE ESTIMATION
METHODOLOGY: TOP-DOWN APPROACH

FIGURE 9 DATA TRIANGULATION

FIGURE 10 NPK FERTILIZERS (FOOD-GRADE) MARKET SIZE, BY TYPE, 2018 VS.
2023 (USD MILLION)

FIGURE 11 NPK FERTILIZERS (FOOD-GRADE) MARKET SIZE, BY APPLICATION,
2018 VS. 2023 (USD MILLION)

FIGURE 12 NPK FERTILIZERS (FEED-GRADE) MARKET SIZE, BY TYPE, 2018 VS.
2023 (USD MILLION)

FIGURE 13 NPK FERTILIZERS (FEED-GRADE) MARKET SIZE, BY LIVESTOCK,
2018 VS. 2023 (USD MILLION)

FIGURE 14 NPK FERTILIZERS (FOOD-GRADE) MARKET SHARE (VALUE), BY
REGION, 2017

FIGURE 15 NPK FERTILIZERS (FEED-GRADE) MARKET SHARE (VALUE), BY
REGION, 2017

FIGURE 16 INCREASING DEMAND FOR LIVESTOCK PRODUCTS DRIVES THE
MARKET FOR NPK FERTILIZERS (FEED-GRADE AND FOOD-GRADE)

FIGURE 17 NITROGEN AND PHOSPHORUS ACCOUNTED FOR SIGNIFICANT
LARGEST SHARES (VALUE) IN THEIR RESPECTIVE SEGMENTS IN 2017

FIGURE 18 ASIA PACIFIC TO DOMINATE THE POWDER FORM OF NPK
FERTILIZERS (FOOD-GRADE), IN TERMS OF VALUE, 2018–2023

FIGURE 19 RUMINANTS TO BE THE FASTEST-GROWING SEGMENT, IN TERMS
OF VALUE, DURING THE FORECAST PERIOD

FIGURE 20 NPK FERTILIZERS (FEED-GRADE AND FOOD-GRADE): MARKET

DYNAMICS

FIGURE 21 GLOBAL MILK PRODUCTION, 2013–2015 (MILLION TONS)

FIGURE 22 NPK FERTILIZERS (FEED-GRADE AND FOOD-GRADE): VALUE CHAIN

FIGURE 23 NPK FERTILIZERS (FOOD-GRADE) MARKET SHARE (VALUE), BY TYPE, 2018 VS. 2023

FIGURE 24 NPK FERTILIZERS (FOOD-GRADE) MARKET SHARE (VALUE), BY APPLICATION, 2018 VS. 2023

FIGURE 25 NPK FERTILIZERS (FOOD-GRADE) MARKET SHARE (VALUE), BY FORM, 2018 VS. 2023

FIGURE 26 NPK FERTILIZERS (FEED-GRADE) MARKET SHARE, BY LIVESTOCK, 2018 VS. 2023 (VALUE)

FIGURE 27 NPK FERTILIZERS (FEED-GRADE) MARKET SHARE (VALUE), BY TYPE, 2018 VS. 2023

FIGURE 28 GEOGRAPHIC SNAPSHOT (2018–2023): CHINA, INDIA, AND BRAZIL ARE EMERGING AS NEW HOTSPOTS IN THE NPK FERTILIZERS (FOOD-GRADE) MARKET

FIGURE 29 NORTH AMERICA: NPK FERTILIZERS (FEED-GRADE AND FOOD-GRADE) MARKET SNAPSHOT

FIGURE 30 ASIA PACIFIC NPK FERTILIZERS (FEED-GRADE AND FOOD-GRADE) MARKET SNAPSHOT

FIGURE 31 KEY DEVELOPMENTS BY LEADING PLAYERS IN THE NPK FERTILIZERS (FEED-GRADE AND FOOD-GRADE) MARKET, 2010–2018

FIGURE 32 NUMBER OF DEVELOPMENTS BETWEEN 2014 & 2018

FIGURE 33 NPK FERTILIZERS (FEED-GRADE AND FOOD-GRADE) MARKET, COMPANY RANKINGS, 2017

FIGURE 34 BOREALIS AG: COMPANY SNAPSHOT

FIGURE 35 BOREALIS AG: SWOT ANALYSIS

FIGURE 36 AKZONOBEL: COMPANY SNAPSHOT

FIGURE 37 AKZONOBEL: SWOT ANALYSIS

FIGURE 38 YARA INTERNATIONAL ASA: COMPANY SNAPSHOT

FIGURE 39 YARA INTERNATIONAL ASA: SWOT ANALYSIS

FIGURE 40 PETR?LEO BRASILEIRO: COMPANY SNAPSHOT

FIGURE 41 PETROLEO BRASILEIRO: SWOT ANALYSIS

FIGURE 42 AGRIMUM INC.: COMPANY SNAPSHOT

FIGURE 43 AGRIMUM INC.: SWOT ANALYSIS

FIGURE 44 THE MOSAIC COMPANY: COMPANY SNAPSHOT

FIGURE 45 ISRAEL CHEMICALS LTD.: COMPANY SNAPSHOT

FIGURE 46 EUROCHEM: COMPANY SNAPSHOT

FIGURE 47 POTASHCORP: COMPANY SNAPSHOT

FIGURE 48 K+S AKTIENGESELLSCHAFT: COMPANY SNAPSHOT

FIGURE 49 PHOSAGRO: COMPANY SNAPSHOT

FIGURE 50 ADITYA BIRLA CHEMICALS: COMPANY SNAPSHOT

I would like to order

Product name: NPK Fertilizers (feed-grade and food-grade) Market by Application (Bakery Products, Meat & Meat Products, Dairy Products, and Beverages), Form (Powder, Liquid, and Others), Type (Nitrogen, Phosphorus, Potassium, and Others), and Region-Global Forecast to 2023

Product link: <https://marketpublishers.com/r/NB43817C9A7EN.html>

Price: US\$ 5,650.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/NB43817C9A7EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below
and fax the completed form to +44 20 7900 3970