

# **Survey of Global NPKs Market**

https://marketpublishers.com/r/S1086BE549DEN.html

Date: September 2010

Pages: 256

Price: US\$ 35,752.00 (Single User License)

ID: S1086BE549DEN

## **Contents**

Main content

Executive summary

Introduction & methodology

#### I GLOBAL OVERVIEW OF NPK FERTILIZER MARKET

- I-1 Production
- Overview of global NPK production
- Technology
- NPKs newly added capacity globally (2010~2020)
- I-2 Consumption
- Global consumption of NPK through production process by chemical & physical (2005-2020)
- I-3 Policy and trade

#### II NPKS MARKET IN AMERICA

- II-1 The US
  - II-1.1 Overview of the US NPKs market
  - II-1.2 Production situation
- Raw material supply
- Traded NPKs' common grades by quantity (2005~2009)
- Capacity and output with grades by plant (2005~2009)
- Cash cost of common grades for main producers by plant
  - II-1.3 Consumption situation
- Demand situation (2005~2009) NPKs' usage season II-1.4 Import and export analysis
  - II-1-5 Influencing factors analysis



## II-1.6 Forecast (2010~2020)

- Supply and demand
- Growth rate of NPKs consumption
- Traded NPKs' common grades by quantity
- Capacity with grades of NPKs by plant and growth grades
- Price for potash (MOP & SOP)
- Price for common NPKs' grades
- Import and export through matrix
  - II-1.7 Current and future challenges

#### II-2 Brazil

- II-2.1 Overview of Brazil's NPKs market
- II-2.2 Production situation
- Raw material supply
- Traded NPKs' common grades by quantity (2005~2009)
- Capacity and output with grades by plant (2005~2009)
- Cash cost of common grades for main producers by plant II-2.3 Consumption situation
- Demand situation (2005~2009)
- NPKs' usage season
  - II-2.4 Import and export analysis
  - II-2.5 Influencing factor analysis
  - II-2.6 Forecast (2010~2020)
- Supply and demand
- Growth rate of NPKs consumption
- Traded NPKs' common grades by quantity
- Capacity with grades by plant and growth grades
- Price for potash (MOP & SOP)
- Price for common NPKs' grades
- Import and export through matrix
  - II-2.7 Current and future challenges

#### III NPKS MARKET IN ASIA

#### III-1 China

III-1.1 Overview of China's NPKs market

#### III-1.2 Production situation

- Raw material supply
- Traded common grades of NPKs by quantity (2005~2009)
- Capacity and output with grades by plant (2005~2009)



- Cash cost of common grades for main producers by plant
- III-1.3 Consumption situation
- Demand situation (2005~2009)
- NPKs' usage season
- III-1.4 Import and export analysis
- III-1.5 Influencing factor analysis
- III-1.6 Forecast (2010~2020)
- Supply and demand
- Growth rate of NPKs consumption
- Traded NPKs' common grades by quantity
- Capacity with grades by plant and growth grades
- Price for Potash (MOP & SOP)
- Price for common NPKs' grades
- Import and export through matrix
- III-1.7 Current and future challenges
- III-2 India
  - III-2.1 Overview of India's NPKs market
  - III-2.2 Production situation
- Raw material supply
- Traded NPKs' common grades by quantity (2005~2009)
- Capacity and output with grades by plant(2005~2009)
- Cash cost of common grades for main producers by plant III-2.3 Consumption situation
- Demand situation (2005~2009)
- NPKs' usage season
  - III-2.4 Import and export analysis
  - III-2.5 Influencing factor analysis
  - III-2.6 Forecast (2010~2020)
- Supply and demand
- Growth rate of NPKs consumption
- Traded NPKs' common grades by quantity
- Capacity with grades by plant and growth grades
- Price for Potash (MOP & SOP)
- Price for common NPKs' grades
- Import and export through matrix
  - III-2.7 Current and future challenges
- III-3 Thailand
- III-3.1 Overview of Thailand's NPKs market
- III-3.2 Production situation



- Raw material supply
- Traded NPKs' common grades by quantity (2005~2009)
- Capacity and output with grade by plant (2005~2009)
- Cash cost of common grades for main producers by plant III-3.3 Consumption situation
- Demand situation (2005~2009)
- NPKs' usage season
  - III-3.4 Import and export analysis
  - III-3.5 Influencing factor analysis
  - III-3.6 Forecast (2010~2020)
- Supply and demand
- Growth rate of NPKs consumption
- Traded NPKs' common grades by quantity
- Capacity with grade by plant and growth grade
- Price for Potash (MOP & SOP)
- Price for common NPKs' grades
- Import and export through matrix
  - III-3.7 Current and future challenges

#### III-4 Vietnam

- III-4.1 Overview of Vietnam's NPKs market
- III-4.2 Production situation
- Raw material supply
- Traded NPKs' common grades by quantity (2005~2009)
- Capacity and output with grade by plant (2005~2009)
- Cash cost of common grades for main producers by plant III-4.3 Consumption situation
- Demand situation (2005~2009)
- NPKs' usage season
  - III-4.4 Import and export analysis
  - III-4.5 Influencing factor analysis
  - III-4.6 Forecast (2010~2020)
- Supply and demand
- Growth rate of NPKs consumption
- Traded NPKs' common grades by quantity
- Capacity with grade by plant and promising grades
- Price for Potash (MOP & SOP)
- Price for common NPKs grades
- Import and export through matrix
   III-4.7 Current and future challenges



#### IV NPK FERTILIZER MARKET IN THE EU

IV-1 Overview of the EU's NPK market

IV-2 Production situation

- Raw materials supply
- Traded NPKs' common grades by quantity (2005~2009)
- Capacity and output with grade by plant (2005~2009)
- Cash cost of common grades for main producers by plant

IV-3 Consumption situation

- Demand situation (2005~2009)
- NPKs' usage season

IV-4 Import and export analysis

- Import situation of NPKs in the EU (2005~2009)
- Export situation of NPKs in the EU (2005~2009)

IV-5 Influencing factor analysis

- Negative influencing factors
- Positive influencing factors

IV-6 Forecast (2010~2020)

- Supply and demand
- Growth rate of NPKs consumption
- Import and export through matrix
- Traded NPKs' common grades by quantity
- Capacity with grades by plants and growth grades
  - Price for potash (MOP & SOP)
- Price for common NPKs' grades

IV-7 Current and future challenges

#### **V CONLUSTION AND COMMERCIAL OPPORTUNITIES**

#### **VI APPENDIX**

VI-1 SWOT analysis on top 10 global producers of NPKs

- VI-1.1 Yara International ASA
- VI-1.2 Bunge Fertilizantes S.A.
- VI-1.3 Indian Farmers Fertiliser Cooperative Limited
- VI-1.4 Heringer Fertilizantes S.A.
- VI-1.5 Hubei Newyangfeng Fertilizer Stock Co., Ltd.
- VI-1.6 Acron Group



- VI-1.7 Jiangsu Zhongdong Group Co., Ltd.
- VI-1.8 Shandong Kingenta Ecological Engineering Co., Ltd.
- VI-1.9 Shandong Shikefeng Chemical Industrial Co., Ltd.
- VI-1.10 Thai Central Chemical Public Co., Ltd.
- VI-2 Main exporters profile
- VI-2.1 Sino-Arab Chemical Fertilizers Company Limited

. . .

- VI-2.4 Rashtriya Chemicals and Fertilizers Ltd.
- VI-3 Main importers profile
  - VI-3.1 China National Agricultural Means of Production Group

. . .

VI-3.6 Yara Brasil Fertilizantes SA

#### LIST OF TABLE

- Table 1 Raw materials supply for NPKs production in targeted countries
- Table 2 NPKs production in targeted countries, 2005-2009
- Table 3 Consumption of NPKs industry in the targeted countries, 2005-2009
- Table 4 Usage season of NPKs in targeted countries per year
- Table 5 Import and export of NPKs in targeted countries
- Table 6 Key influencing factors on NPKs industry in the targeted countries, 2005-2009
- Table 7 Exchange rate of USD against EUR, RMB, Rs, THB and VND, 2005-2009
- Table I-1-1 Share of output by physical method in major countries/regions, 2009
- Table I-2-1 Apparent consumption situation in major countries, 2005-2009, '000 tonnes
- Table I-2-1 Forecast on apparent consumption situation in major countries, 2010-2020, '000 tonnes
- Table II-1.2-1 General information on common grades in 3 kinds NPKs in the US
- Table II-1.2-2 Capacity and output with grade for Agrium INC (AGU), 2005-2006
- Table II-1.2-3 Cash cost analysis of 13-13-13S for AGU, 2009
- Table II-1.2-4 Cash cost of raw materials in 13-13-13S for AGU, 2009
- Table II-1.2-5 Cash cost analysis of 06-12-18 for AGU, 2009
- Table II-1.2-6 Cash cost of raw materials in 06-12-18 for AGU, 2009
- Table II-1.3-1 Detailed planting season of major agricultural products in the US per year
- Table II-1.4-1 Import situation of NPKs in the US, 2005-2009
- Table II-1.4-2 Export situation of NPKs in the US, 2005-2009
- Table II-1.4-3 Import origins of NPKs in the US, 2009
- Table II-1.4-4 Major export destinations of NPKs in the US, 2009
- Table II-1.6-1 Forecast on NPKs capacity in the US by plant, 2010-2020
- Table II-1.6-2 MOP import situation in the US, 2001-2009



Table II-1.6-3 SOP import situation in the US, 2001-2009

Table II-1.6-4 Forecast on NPKs import in the US through matrix, 2010-2020, tonne

Table II-1.6-5 Forecast on NPKs export in the US through matrix, 2010-2020, tonne

Table II-2.2-1 Status of Ammonia products in Brazil, 2008-2009

Table II-2.2-2 General information on common grades in 3 kinds of NPKs in Brazil

Table II-2.2-3 Capacity and output with grade for Bunge, 2005-2009

Table II-2.2-4 Capacity and output with grade for Heringer, 2005-2009

Table II-2.2-5 Cash cost analysis of 05-25-15 for Bunge, 2009

Table II-2.2-6 Cash cost raw materials in 05-25-25 for Bunge, 2009

Table II-2.2-7 Cash cost analysis of 08-20-20 for Bunge, 2009

Table II-2.2-8 Cash cost of raw materials in 08-20-20 for Bunge, 2009

Table II-2.2-9 Cash cost analysis of 05-25-15 for Heringer, 2009

Table II-2.2-10 Cash cost of raw materials in 05-25-25 for Heringer, 2009

Table II-2.2-11 Cash cost analysis of 08-20-20 for Heringer, 2009

Table III-2.2-12 Cash cost of raw materials in 08-20-20 for Heringer, 2009

Table II-2.3-1 Detailed planting season of major agricultural products in Brazil per year

Table II-2.4-1 Import situation of NPKs in Brazil, 2005-2009

Table II-2.4-2 Export situation of NPKs in Brazil, 2005-2009

Table II-2.4-3 Import origins of NPKs in Brazil, 2009

Table II-2.4-4 Import origins of NPKs in Brazil, 2008

Table II-2.4-5 Major export destinations of NPKs in Brazil, 2009

Table II-2.4-6 Major export destinations of NPKs in Brazil, 2008

Table II-2.6-1 Forecast on NPKs capacity in Brazil by plant, 2010-2020

Table II-2.6-2 Forecast on NPKs import of Brazil through matrix, 2010-2020, tonne

Table II-2.6-3 Forecast on NPKs export of Brazil through matrix, 2010-2020, tonne

Table III-1.2-1 General information on common grades in 3 kinds of NPKs in China

Table III-1.2-2 Key NPKs producers in China, (Capacity: t/a; Output: tonne)

Table III-1.2-3 Main NPKs grades of each top 20 producers in China, as of August 2010

Table III-1.2-4 Cash cost analysis of 15-15-15 for Hubei Newyangfeng, August 2010

Table III-1.2-5 Raw material cost in 15-15-15 for Hubei Newyangfeng, August 2010

Table III-1.2-6 Cash cost analysis of 16-16-16 for Hubei Newyangfeng, August 2010

Table III-1.2-7 Raw material cost in 16-16-16 for Hubei Newyangfeng, August 2010

Table III-1.2-8 Cash cost analysis of 20-5-15 for Hubei Newyangfeng, August 2010

Table III-1.2-9 Raw material cost in 20-5-15 for Hubei Newyangfeng, August 2010

Table III-1.2-10 Cash cost analysis of 15-15-15 for Shenzhen Batian, August 2010

Table III-1.2-11 Raw material cost in 15-15-15 for Shenzhen Batian, August 2010

Table III-1.2-12 Cash cost analysis of 15-5-15 for Shenzhen Batian, August 2010

Table III-1.2-13 Raw material cost in 15-5-15 for Shenzhen Batian, August 2010

Table III-1.2-14 Cash cost analysis of 21-11-13 for Shenzhen Batian, August 2010



Table III-1.2-15 Raw material cost in 21-11-13 for Shenzhen Batian, August 2010

Table III-1.2-16 Cash cost analysis of 18-5-15 for Shenzhen Batian, August 2010

Table III-1.2-17 Raw material cost in 18-5-15 for Shenzhen Batian, August 2010

Table III-1.3-1 Major agricultural products consuming NPKs in China

Table III-1.3-2 Detailed planting season of major crops in China per year

Table III-1.4-1 Major policies on import and export of NPKs in China, as of 2010

Table III-1.4-2 Import and export situation of NPKs in China, 2005-2009

Table III-1.4-3 Import origins of NPKs in China, 2008

Table III-1.4-4 Import origins of NPKs in China, 2009

Table III-1.4-5 Common grade of imported NPKs from top 5 origins in China, 2009

Table III-1.4-6 All importers of NPKs in China, 2008

Table III-1.4-7 All importers of NPKs in China, 2009

Table III-1.4-8 Major export destinations of NPKs in China, 2008

Table III-1.4-9 Major exporters of NPKs in China, 2008

Table III-1.5-1 TRQ and actual import volume of NPKs in China, 2002-2010, million tonnes

Table III-1.5-2 Export duty of export of NPKs in China, 2008-2010

Table III-1.5-3 Basic price of railway transportation per car load about chemical fertilizer in China, 2003-2009

Table III-1.6-1 Future plan of major NPKs producers in China, 2010

Table III-1.6-2 Forecast on import volume of NPKs through matrix in China, 2010-2020, '000 tonnes

Table III-1.6-3 Forecast on export volume of NPKs through matrix in China, 2010~2020, '000 tonnes

Table III-2.2-1 Output of common grades of NPKs in India, 2003-2009, '000 tonnes

Table III-2.2-2 General information of common grades of NPKs in India

Table III-2.2-3 Key NPKs producers in India, capacity: '000t/a; output: '000 tonnes

Table III-2.2-4 Cash cost analysis of 10-26-26 for IFFCO, 2009

Table III-2.2-5 Raw material cost in 10-26-26 for IFFCO, 2009

Table III-2.2-6 Cash cost analysis of 12-32-16 for IFFCO, 2009

Table III-2.2-7 Raw material cost in 12-32-16 for IFFCO, 2009

Table III-2.2-8 Cash cost analysis of 15-15-15 for RCF, 2009

Table III-2.2-9 Raw material cost in 15-15-15 for RCF, 2009

Table III-2.2-10 Cash cost analysis of 10-26-26 for TCL, 2009

Table III-2.2-11 Raw material cost in 10-26-26 for TCL, 2009

Table III-2.2-12 Cash cost analysis of 12-32-16 for TCL, 2009

Table III-2.2-13 Raw material cost in 12-32-16 for TCL, 2009

Table III-2.2-14 Cash cost analysis of 14-35-14 for TCL, 2009

Table III-2.2-15 Raw material cost in 14-35-14 for TCL, 2009



Table III-2.3-1 Detailed planting season of major crops in India per year

Table III-2.4-1 Import and export situation of NPKs in India, 2005-2009

Table III-2.4-2 Import origins of NPKs in India, 2008 and 2009

Table III-2.4-3 Export destinations of NPKs in India, 2009

Table III-2.5-1 Subsidies for fertilizers in India, 2002-2003 to 2009-2010, USD million

Table III-2.5-2 NBS per kg for nutrients 'N', 'P', and 'K' for 2010-2011 in India

Table III-2.5-3 Subsidies per tonne for common grades of NPKs in India, USD/t

Table III-2.6-1 Maximum retail prices of common NPKs' grades in India, March 12th 2003 to now

Table III-2.6-2 Forecast on import volume of NPKs through matrix in India, 2010-2020, '000 tonnes

Table III-2.6-3 Forecast on export volume of NPKs through matrix in India, 2010-2020, tonne

Table III-3.2-1 Import situation of urea, DAP, MOP in Thailand, 2005-2009

Table III-3.2-2 General information of common grades of different concentration NPKs in Thailand

Table III-3.2-3 Key NPKs producers in Thailand, 2009

Table III-3.2-4 Cash cost analysis of 15-15-15 for TCCC, 2009

Table III-3.2-5 Raw material cost of 15-15-15 for TCCC, 2009

Table III-3.2-6 Cash cost analysis of 13-13-21 for TCCC, 2009

Table III-3.2-7 Raw material cost in 13-13-21 for TCCC, 2009

Table III-3.2-8 Cash cost analysis of 16-16-8 for TCCC, 2009

Table III-3.2-9 Raw material cost in 16-16-8 for TCCC, 2009

Table III-3.3-1 Detailed planting season of major crops in Thailand per year

Table III-3.4-1 Key import origins of Thai NPKs, 2009

Table III-3.4-2 Key export destinations of Thai NPKs, 2009

Table III-3.4-3 Key grades of imported Thai NPKs, 2009

Table III-3.4-4 Import origins of Thai NPKs, 2009

Table III-3.4-5 Import origins of Thai NPKs, 2008

Table III-3.4-6 Import origins of Thai NPKs, 2007

Table III-3.4-7 Import origins of Thai NPKs, 2006

Table III-3.4-8 Import origins of Thai NPKs, 2005

Table III-3.4-9 Grades of imported Thai NPKs, 2009

Table III-3.4-10 Grades of imported Thai NPKs, 2008

Table III-3.4-11 Grades of imported Thai NPKs, 2007

Table III-3.4-12 Grades of imported Thai NPKs, 2006

Table III-3.4-13 Grades of imported Thai NPKs, 2005

Table III-3.4-14 Export destinations of Thai NPKs, 2009

Table III-3.4-15 Export destinations of Thai NPKs, 2008



Table III-3.4-16 Export destinations of Thai NPKs, 2007

Table III-3.4-17 Export destinations of Thai NPKs, 2006

Table III-3.4-18 Export destinations of Thai NPKs, 2005

Table III-3.6-1 Forecast on import volume of NPKs through matrix in Thailand, 2010-2020, '000 tonnes

Table III-3.6-2 Forecast on export volume of NPKs through matrix in Thailand, 2010-2020, '000 tonnes

Table III-4.2-1 General information on common grades in three kinds of NPKs in Vietnam

Table III-4.2-2 Key NPKs producers in Vietnam, 2009

Table III-4.2-3 Cash cost analysis of 16-16-8 for BFC, 2009

Table III-4.2-4 Raw material cost of 16-16-8 for BFC, 2009

Table III-4.2-5 Cash cost analysis of 20-20-15 for BFC, 2009

Table III-4.2-6 Raw material cost of 20-20-15 for BFC, 2009

Table III-4.2-7 Cash cost analysis of 15-15-15 for BFC, 2009

Table III-4.2-8 Raw material cost of 15-15-15 for BFC, 2009

Table III-4.2-9 Cash cost analysis of 16-16-8 for Lafchemco, 2009

Table III-4.2-10 Raw material cost of 16-16-8 for Lafchemco, 2009

Table III-4.3-1 Detailed planting season of major crops in Vietnam per year

Table III-4.4-1 Key NPKs import origins of Vietnam, 2009

Table III-4.4-2 Key export destinations of NPKs in Vietnam, 2008

Table III-4.4-3 Import origins of Vietnam NPKs, 2008

Table III-4.4-4 Import origins of Vietnam NPKs, 2007

Table III-4.4-5 Import origins of Vietnam NPKs, 2006

Table III-4.4-6 Import origins of Vietnam NPKs, 2005

Table III-4.4-7 Export destinations of Vietnam NPKs, 2008

Table III-4.4-8 Export destinations of Vietnam NPKs, 2007

Table III-4.4-9 Export destinations of Vietnam NPKs, 2006

Table III-4.4-10 Export destinations of Vietnam NPKs, 2005

Table III-4.6-1 Forecast on import volume of NPKs through matrix in Vietnam, 2010-2020, '000 tonnes

Table III-4.6-2 Forecast on export volume of NPKs through matrix in Vietnam, 2010-2020, '000 tonnes

Table IV-2-1 Import and export of urea in the EU, 2005-2009

Table IV-2-2 Import and export of ammonia and ammonium nitrate in the EU, 2005-2009

Table IV-2-3 Import and export of DAP and MAP in the EU, 2005-2009

Table IV-2-4 Import and export of MOP and SOP in the EU, 2005-2009

Table IV-2-5 Quantity proportion of three kinds of NPKs by content in the EU, 2009



Table IV-2-6 Major NPKs producers in the EU, capacity: t/a; output: tonne

Table IV-2-7 Main NPK fertilizer grades of the major producers in the EU

Table IV-2-8 Cash cost analysis of 15-15-15, 12-12-12, 20-10-10 for Yara, 2009

Table IV-2-9 Cash cost analysis of 18-18-18, 13-40-13, 15-5-30 for K+S, 2009

Table IV-2-10 Cash cost analysis of 19-6-6, 28-14-14, 29-10-10 for Rosier, 2009

Table IV-3-1 Main agricultural products in major NPKs consuming countries included in the EU

Table IV-3-2 Detailed planting season of major agricultural products in the EU per year

Table IV-4-1 Import volume and average import price of NPKs in 10 main EU countries, 2005-2009

Table IV-4-2 EU's NPKs import volume from main producing countries, 2005-2009

Table IV-4-3 Main NPKs export destinations in the EU from Norway

Table IV-4-4 Main NPKs export destinations in the EU from Russia

Table IV-4-5 Export price and volume of NPKs from 10 main EU countries

Table IV-4-6 Main export destinations of the EU's NPKs, 2005-2009

Table IV-6-1 Forecast on the import of NPKs through matrix in the EU, 2010-2020, tonne

Table IV-6-2 Forecast on the export of NPKs through matrix in the EU, 2010-2020, tonne

Table IV-6-3 Expected capacity of NPKs of main producers by 2020

Table VI-1-1 Output of top 10 global NPKs producers, 2009

Table VI-1.1-1 Company info of Yara

Table VI-1.1-2 SWOT analysis for Yara

Table VI-1.2-1 Company info of Bunge

Table VI-1.2-2 SWOT analysis of Bunge

Table VI-1.3-1 General info of IFFCO

Table VI-1.3-2 SWOT analysis of IFFCO

Table VI-1.4-1 Company info of Heringer

Table VI-1.4-2 SWOT analysis of Heringer

Table VI-1.5-1 General info of Hubei Newyangfeng

Table VI-1.5-2 SWOT analysis of Hubei Newyangfeng

Table VI-1.6-1 General info of Acron

Table VI-1.6-2 SWOT analysis of Acron

Table VI-1.7-1 General info of Jiangsu Zhongdong

Table VI-1.7-2 SWOT analysis of Jiangsu Zhongdong

Table VI-1.8-1 Company info of Shandong Kingenta

Table VI-1.8-2 SWOT analysis for Shandong Kingenta

Table VI-1.9-1 Company info of Shandong Shikefeng

Table VI-1.9-2 SWOT analysis for Shandong Shikefeng



Table VI-1.10-1 General info of TCCC

Table VI-1.10-2 SWOT analysis of TCCC



## **List Of Figures**

#### LIST OF FIGURES

Figure I-1-1 Production situation of NPKs in major countries/regions, 2009

Figure I-1-2 Confirmed new capacity in the next ten years in the world

Figure I-3-1 Global flow of NPKs, 2009

Figure II-1.1-1 Fertilizers consumption(100%N, P, K content)in the US, 2005-2009

Figure II-1.2-1 Status of urea in the US, 2005-2009

Figure II-1.2-2 Output of MAP and DAP in the US, 2005-2009

Figure II-1.2-3 Import volume of MOP in the US, 2005-2009

Figure II-1.2-4 Total traded volume (output) of NPKs by content in the US, 2005-2009

Figure II-1.3-1 NPKs' consumption in the US, 2005-2009

Figure II-1.4-1 NPKs import volume of the US, 2005-2009

Figure II-1.4-2 Volume share of imported NPKs in the US by origin, 2009

Figure III-1.4-3 Volume share of American NPKs by export destinations, 2009

Figure II-1.6-1 Forecast on NPKs consumption in the US, 2010-2020

Figure II-1.6-2 Forecast on traded quantity of NPKs in the US, 2010-2020

Figure II-1.6-3 Forecast on traded quantity of NPKs by content in the US, 2010-2020

Figure II-1.6-4 Forecast on price of MOP and SOP in the US, 2010-2020

Figure II-1.6-5 Import volume and price of MOP in the US, 2001-2009

Figure II-1.6-6 Import volume and price of SOP in the US, 2001-2009

Figure II-1.6-7 Forecast on crude oil price, 2010-2020

Figure II-1.6-8 Forecast on global urea price, 2010-2020

Figure II-1.6-9 Forecast on global DAP price, 2010-2020

Figure II-1.6-10 Forecast on global MOP price, 2010-2020

Figure II-1.6-11 Forecast on price of raw materials in the US, 2010-2020

Figure II1.6-12 Forecast on price of common grades in the US, 2010-2020

Figure II-2.1-1 Fertilizer consumption (100% N, 100%P2O5, 100%KO2) in Brazil, 2005-2009

Figure II-2.2-1 Status of urea in Brazil, 2005-2009

Figure II-2.2-2 Status of MAP in Brazil, 2005-2009

Figure II-2.2-3 Import volume of DAP in Brazil, 2005-2009

Figure II-2.2-4 Import volume of MOP, 2005-2009

Figure II-2.2-5 Import volume of SOP, 2005-2009

Figure II-2.2-6 Total traded volume (output) of NPKs by content in Brazil, 2005-2009

Figure II-2.3-1 NPKs apparent consumption in Brazil, 2005-2009

Figure II-2.4-1 NPKs import volume in Brazil, 2005-2009

Figure II-2.4-2 Volume share of imported NPKs in Brazil by origin, 2008-2009



Figure II-2.4-3 NPKs export volume of Brazil, 2005-2009

Figure III-2.4-4 Volume share of Brazil's NPKs by export destination, 2008-2009

Figure II-2.6-1 Forecast on NPKs consumption in Brazil, 2010-2020

Figure II-2.6-2 Forecast on traded quantity of NPKs in Brazil, 2010-2020

Figure II-2.6-3 Forecast on traded quantity of NPKs by content in Brazil, 2010-2020

Figure II-2.6-4 Forecast on prices of raw materials in Brazil, 2010-2020

Figure II-2.6-5 Forecast on prices of common grades in Brazil, 2010-2020

Figure III-1.2-1 Output and growth rate of N-fertilizer (100%N) in China, 2005-2009

Figure III-1.2-2 Output and growth rate of P-fertilizer (100%P2O5) in China, 2005-2009

Figure III-1.2-3 Output and growth rate of K-fertilizer (100%K2O) in China, 2005-2009

Figure III-1.2-4 Net export volume of N and P-fertilizer in China, 2005-2009

Figure III-1.2-5 Net import volume of K-fertilizer (100%K2O) and dependence ratio on import of K-fertilizer, in China, 2005-2009

Figure III-1.2-6 Total traded volume (output) of NPKs and its growth rate in China, 2005-2009

Figure III-1.2-7 Total traded volume (output) of NPKs by content in China, 2005-2009

Figure III-1.3-1 Apparent consumption volume of NPKs in China, 2005-2009

Figure III-1.4-1 Monthly import volume and average import price of NPKs in China, 2008-2009

Figure III-1.4-2 Volume share of imported NPKs in China by origin, 2008 and 2009

Figure III-1.4-3 Monthly export volume and average export price of NPKs in China, 2008

Figure III-1.4-5 Volume share of Chinese NPKs by export destination, 2008

Figure III-1.6-1 Forecast on the apparent consumption of NPKs and its growth rate in China, 2010-2020

Figure III-1.6-2 Forecast on traded volume (output) of NPKs in China, 2010-2020

Figure III-1.6-3 Forecast on traded volume (output) of NPKs by content in China, 2010-2020

Figure III-1.6-4 Historical price of MOP in China, Aug. 2008-Jul. 2010

Figure III-1.6-5 Historical price of SOP in China, Apr. 2008-Jul. 2010

Figure III-1.6-6 Historical price of NPKs in China, Feb. 2008-Aug. 2010

Figure III-1.6-7 Forecast on urea price in China, 2010-2020

Figure III-1.6-8 Forecast on DAP price in China, 2010-2020

Figure III-1.6-9 Forecast on MOP price in China, 2010-2020

Figure III-1.6-10 Forecast on NPKs price (15-15-15) in China, 2010-2020

Figure III-2.2-1 Output and growth rate of N-fertilizer (100%N) in India, 2005-2009

Figure III-2.2-2 Output and growth rate of P-fertilizer (100%P2O5) in India, 2005-2009

Figure III-2.2-3 Import volume of urea (100%N) in India, 2005-2009

Figure III-2.2-4 Import volume of anhydrous ammonia in India, 2005-2009

Figure III-2.2-5 Import volume of MAP and DAP (100%P2O5) in India, 2005-2009



Figure III-2.2-6 Import volume of MOP (100%K2O) in India, 2005-2009

Figure III-2.2-7 Output of NPKs in India, 2005-2009

Figure III-2.3-1 Apparent consumption volume of NPKs in India, 2005-2009

Figure III-2.3-2 Dependence ratio on import of NPKs in India, 2005-2009

Figure III-2.4-1 Volume share of imported NPKs in India by origin, 2008 and 2009

Figure III-2.4-2 Volume share of Indian NPKs by export destination, 2009

Figure III-2.6-1 Forecast on the apparent consumption of NPKs and its growth rate in India, 2010-2020

Figure III-2.6-2 Forecast on total traded volume (output) of NPKs in India, 2010-2020

Figure III-2.6-3 Import price of MOP and SOP in India, 2001-2009

Figure III-2.6-4 Forecast on anhydrous ammonia price in India, 2010-2020

Figure III-2.6-5 Forecast on DAP price in India, 2010-2020

Figure III-2.6-6 Forecast on MOP price in India, 2010-2020

Figure III-2.6-7 Forecast on prices of three common grades of NPKs in India, 2010-2020

Figure III-3.2-1 Total traded volume of NPK and its growth rate in Thailand, 2005-2009

Figure III-3.2-2 Total traded volume (output) of NPKs by content in Thailand, 2005-2009

Figure III-3.3-1 Apparent consumption volume of NPKs in Thailand, 2005-2009

Figure III-3.4-1 Import and export situation of Thai NPKs, 2005-2009

Figure III-3.4-2 Import volume of some NPKs grades, 2005-2009

Figure III-3.4-3 Import price trend of major NPKs grades in Thailand, 2005-2009

Figure III-3.6-1 Forecast on output, import and demand in Thailand, 2010-2020

Figure III-3.6-2 Forecast on the apparent consumption of NPKs and its growth rate in Thailand, 2010-2020

Figure III-3.6-3 Forecast on total traded volume (output) of NPKs in Thailand, 2010-2020

Figure III-3.6-4 Forecast on traded volume (output)¬ of NPKs by content in Thailand, 2010-2020

Figure III-3.6-5 Price forecast on major NPKs grades in Thailand, 2010-2020

Figure III-4.2-1 Supply situation of N-fertilizers in Vietnam, 2005-2009

Figure III-4.2-2 Production situation of apatite, phosphate and DAP in Vietnam, 2006-2009

Figure III-4.2-3 Import situation of DAP in Vietnam, 2005-2009

Figure III-4.2-4 Import situation of MOP in Vietnam, 2005-2009

Figure III-4.2-5 Total traded volume (output) of NPKs and its growth rate in Vietnam, 2005-2009

Figure III-4.2-6 Total traded volume (output) of NPKs by content in Vietnam, 2005-2009

Figure III-4.3-1 Apparent consumption volume of NPKs in Vietnam, 2005-2009

Figure III-4.4-1 Import and export situation of NPKs in Vietnam, 2005-2009

Figure III-4.4-2 Average import price trend of NPKs in Vietnam, 2005-2009



Figure III-4.6-1 Forecast on output, import and demand in Vietnam, 2010-2020

Figure III-4.6-2 Forecast on the apparent consumption of NPKs and its growth rate in Vietnam, 2010-2020

Figure III-4.6-3 Forecast on total traded volume (output) of NPKs in Vietnam, 2010-2020

Figure III-4.6-4 Forecast on traded volume (output) of NPKs by content in Vietnam, 2010-2020

Figure III-4.6-5 Forecast on prices of raw materials in Vietnam, 2010-2020

Figure III-4.6-6 Forecast on prices of common grades in Vietnam, 2010-2020

Figure IV-1-1 Output and consumption of NPKs in the EU, 1960s-2000s

Figure IV-2-1 Output of urea (100% N) in the EU, 2005-2009

Figure IV-2-2 Output of Ammonia (100%N) and Ammonium nitrate (100% N) in the EU, 2005-2009

Figure IV-2-3 Output of DAP and MAP (100% P2O5) in the EU, 2005-2009

Figure IV-2-4 Output of MOP and SOP (100% K2O) in the EU, 2005-2009

Figure IV-2-5 Output of NPKs in the EU, 2005-2009

Figure IV-3-1 Consumption volume of NPKs in the EU, 2005-2009

Figure IV-3-2 Contribution of NPKs' sources to total consumption volume in the EU, 2005-2009

Figure IV-3-3 EU's consumption of NPKs with chemical and physical production, 2005-2009

Figure IV-3-4 NPKs consumption volume by member state in the EU, 2005-2009

Figure IV-4-1 Import volume and average import price of NPKs in the EU, 2005-2009

Figure IV-4-2 Percentage of import volume in total NPKs consumption in the EU, 2005-2009

Figure IV-4-3 Volume share of imported NPKs in the EU by origin, 2005-2009

Figure IV-4-4 Export volume and average export price of the EU's NPKs

Figure IV-4-5 Export and import prices of NPKs in the EU, 2005-2009

Figure IV-4-6 Percentage of export volume in the EU's NPKs output, 2005-2009

Figure IV-4-7 Average export prices of the EU's NPKs to different continents, 2005-2009

Figure IV-6-1 Forecast on demand for NPKs in the EU, 2010-2020

Figure IV-6-2 Forecast on output of NPKs in the EU, 2010-2020

Figure IV-6-3 Import and export volume of NPKs in the EU, 2010-2020

Figure IV-6-4 Forecast on consumption of NPKs in the EU, 2010-2020

Figure IV-6-5 Forecast on total traded volume (output) of NPKs in the EU, 2010-2020

Figure IV-6-6 Average price of MOP and SOP in the EU, 2005-2009

Figure IV-6-7 Forecast on the average price of MOP and SOP in the EU, 2005-2009

Figure IV-6-8 Average price of common grades of NPKs in EU, 2005-2009

Figure IV-6-9 Forecast on the cost of raw materials of NPKs in the EU, 2010-2020



Figure IV-6-10 Forecast on the prices of common grades of NPKs in the EU, 2010-2020

## **COMPANIES MENTIONED**

Bunge Fertilizantes S.A., Indian Farmers Fertiliser Cooperative Limited, Hubei Newyangfeng Fertilizer Stock Co., Ltd., Acron Group, Yara International ASA



## I would like to order

Product name: Survey of Global NPKs Market

Product link: https://marketpublishers.com/r/S1086BE549DEN.html

Price: US\$ 35,752.00 (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 <a href="https://marketpublishers.com/r/S1086BE549DEN.html">https://marketpublishers.com/r/S1086BE549DEN.html</a>