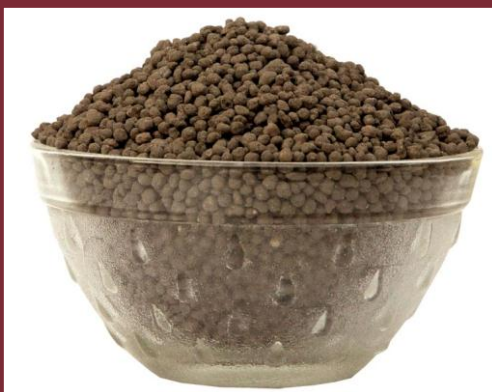


Emerging Opportunities in the Fertilizer Market.

**List of Profitable Projects on Fertilizers,
Macronutrients and Micronutrients, NPK, SSP,
Urea, Nitrogen Fertilizer.**





Introduction

Fertilizers are food for plants. Fertilizer helps farmers feed our growing population. Plants require 17 essential nutrients in the soil to survive and to grow. Fertilizers help replenish these nutrients after each harvest.

A fertilizer is a natural or synthetic, chemical-based substance that is used to enhance plant growth and fertility. Fertilizers may also enhance water retention and filter any excess liquid, hence enhancing soil effectiveness. Fertilizers typically offer the three major macronutrients potassium, phosphorus, and nitrogen.



Fertilizers may also add secondary nutrients such as sulfur, magnesium, and calcium to the soil or growing media. Fertilizer is any substance, from plant food pellets to worm compost that makes the soil more fertile. After all, soil provides nutrients to plants, so fortifying it with the right minerals and microbes helps grow hardy, healthy plants.

Both organic and inorganic fertilizers provide plants with the nutrients needed to grow healthy and strong. However, each contains different ingredients and supplies these nutrients in different ways. Organic fertilizers work over time to create a healthy growing environment, while inorganic fertilizers provide rapid nutrition. Determining which is better for your plants depends largely on the needs of your plants and your preferences in terms of cost and environmental impact.



A benefit of inorganic fertilizers is that they work more quickly than do organic fertilizers because they contain a higher percentage of nutrients; however, long-term use of inorganic fertilizers may contribute to soil depletion.

The Indian Fertilizer Industry has shown tremendous growth in the last five decades and at present ranks third in the world. India is the second largest consumer of fertilizers after China. India also ranks second in the production of nitrogenous fertilizers and third in phosphatic fertilizers whereas the requirement of potash is met through imports since there are limited reserves of potash in the country. India is another major market for NPK (nitrogen, phosphate, and potash) fertilizers.



Fertilizers play an important role in increasing efficiency of agricultural output. With the strengthening of pricing control policies and reforms, the fertilizers market is expected to be regulated soon in India. Fertilizer products are based on chemicals such as Nitrogen, Potassium and Phosphorus, where nitrogen based fertilizers have the largest usage in India. The major factors which are driving the growth of the agricultural fertilizers market in India are government subsidy and increased demand of food grains.



Nitrogenous Fertilizer

Demand : Past and Future

Year	(In Million Metric Tonne)
1990-91	8.00
2000-01	11.11
2001-02	11.04
2002-03	10.63
2003-04	10.77
2004-05	11.75
2005-06	12.75
2006-07	13.80
2007-08	14.50
2008-09	15.40
2009-10	14.90
2010-11	15.35
2011-12	16.10
2012-13	16.90
2013-14	17.60
2014-15	18.10
2015-16	19.50
2016-17	19.95
2017-18	20.35
2018-19	20.85
2019-20	21.00



Urea

Demand : Past and Future

Year	(In Million Metric Tonne)
1990-91	14.08
2000-01	19.72
2001-02	19.28
2002-03	18.78
2003-04	19.15
2004-05	20.86
2005-06	22.30
2006-07	24.25
2007-08	25.15
2008-09	26.25
2009-10	26.00
2010-11	26.75
2011-12	27.85
2012-13	29.80
2013-14	31.20
2014-15	31.95
2015-16	32.60
2016-17	33.25
2017-18	33.75
2018-19	34.35
2019-20	35.40



Di-ammonium Phosphate (DAP)

Demand : Past and Future	
Year	(In Million Metric Tonne)
1990-91	4.25
2000-01	5.85
2001-02	6.20
2002-03	5.45
2003-04	5.60
2004-05	6.25
2005-06	6.75
2006-07	7.40
2007-08	7.20
2008-09	7.65
2009-10	7.80
2010-11	8.85
2011-12	10.70
2012-13	11.25
2013-14	11.50
2014-15	12.00
2015-16	12.20
2016-17	12.50
2017-18	12.65
2018-19	12.95
2019-20	13.20



Single Super Phosphate (SSP)

Demand : Past and Future	
Year	(In Million Metric Tonne)
1990-91	3.56
2000-01	2.86
2001-02	2.60
2002-03	2.50
2003-04	2.54
2004-05	2.55
2005-06	2.75
2006-07	2.90
2007-08	2.95
2008-09	3.10
2009-10	3.05
2010-11	3.15
2011-12	3.75
2012-13	4.10
2013-14	4.50
2014-15	4.90
2015-16	5.10
2016-17	5.75
2017-18	6.20
2018-19	6.70
2019-20	7.00



Niir Project Consultancy Services (NPCS) can provide
Detailed Project Report on Required Project
Emerging Opportunities in the Fertilizer Market.
List of Profitable Projects on Fertilizers,
Macronutrients and Micronutrients, NPK, SSP,
Urea, Nitrogen Fertilizer.

Here are few Projects for Startups:

➤ MINI FERTILIZER PLANT

All living beings require certain essential nutrition for its survival & growth. Plants and other vegetation are also requiring certain foods to grow. The fertilizers are that materials which are added to the soil, to supply nutrients for the survival & formed growth of plants. It is the most important product of the chemical industry.....[Read more](#)

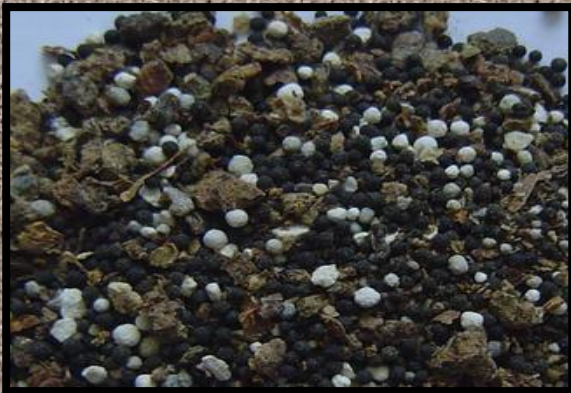




➤ SINGLE SUPER PHOSPHATE & MIXED FERTILIZER

Broadly speaking a fertilizer or manure, may be interpreted to mean anything that will increase the yield of a crop is added to the soil. Generally the fertilizers are divided into two main classes. First natural or organic manures and second artificial fertilizers.

The Indian fertilizer industry is spread in all parts and corners of the country.....[Read more](#)





➤ **NPK FERTILIZERS**

Fertilizer is a material that is added to the soil to supply one or more elements required for plant growth and productiveness. The major three elements are nitrogen, potassium and phosphorus, the secondary elements are calcium, sulfur, magnesium, and other elements are boron, manganese, iron, zinc, copper and molybdenum.....[Read more](#)





➤ **ORGANIC FERTILIZER (IN SOLID AND LIQUID FORMS)**

Like human beings, plants too need the right kind and amount of food for their growth and development. But unlike man, plants cannot move around to collect their food. They have to synthesize their own food. To synthesize their food, plants require nutrients in addition to light, heat, air and water. Organic fertilizer is used to produce the tasteful crops.....[Read more](#)





➤ **MAGNESIUM SULPHATE AS FERTILIZER GRADE**

Magnesium sulphate is used, as fertilizer for supplying trace amounts of magnesium and sulphate to the plant. Magnesium sulphate is manufactured by using magnesium ores. There is requirement of grinding machine magnetic separator, stone separator and packing machine. It can be packed in gunny bag and store in the room of normal temperature.....[Read more](#)





➤ **MIXED FERTILIZER (FROM ORGANIC WASTE)**

Mixed fertilizer is a mixture of balance bio-fertilizer and balance in organic fertilizer like DAP and potassium nitrate. There are varieties of use of mixed fertilizer. There are many private organizers and few organized manufacturers are available in India, who are manufacturing different variety of fertilizer.....[Read more](#)





➤ **SINGLE SUPER PHOSPHATE**

Single Super Phosphate (SSP) Fertilizer industry is the pioneering fertilizer industry in the country and the first SSP plant is said to have been established by EID Parry in the year 1906. Manufacturing of SSP is based on perhaps the simplest chemical reaction amongst chemical fertilizer industry. The main raw materials required are rock phosphate and sulphuric acid.....[Read more](#)





➤ **CUSTOMIZED FERTILIZER (FOR HIGHER CROP PRODUCTIVITY)**

Fertilizer is an essential key input for production and productivity of crops. Fertilizer alone contributes towards 55% of additional food production. Since there is no scope for extending the cultivable area, more productivity per unit area is the only option and fertilizer is the main cart puller.....[Read more](#)





➤ VERMICOMPOST

Vermicompost is a newly developed compost fertilizer which can be used largely instead of inorganic as well as organic fertilizer. The production of vermicompost involves breeding of earth worms in a mixture of cow dung, soil and agriculture residue till the whole mass is converted into cast. This cast is then collected to give the vermicompost.....[Read more](#)





➤ **POTASSIUM SULPHATE (FERTILIZER GRADE)**

Potassium sulphate is an important chemical fertilizer is preferably used for tobacco and citrus crops which is one of the most vital input for agriculture. With the increasing trend to multiply cropping in a year the needs for fertilizer is increasing.....[Read more](#)





➤ MICRONUTRIENTS FERTILIZER

Micronutrients are elements which are essential for plant growth, but are required in much smaller amounts than those of the primary nutrients; nitrogen, phosphorus and potassium. The micronutrients are boron (B), copper (Cu), iron (Fe), manganese (Mn), molybdenum (Mo), zinc (Zn), and chloride (Cl).[.....Read more](#)





➤ ZINC SULPHATE (AGRICULTURE GRADE)

Zinc sulfate is a powder that is colorless and completely water-soluble. The product can be used in different applications, including some connected with maintaining good health. A number of over the counter products contain some level of zinc sulfate, as well as many prescription medications.....[Read more](#)





Tags

Fertilizer Production, Production of NPK Fertilizer, Manufacturing Process of Nitrogen Fertilizers, How to Produce Organic Fertilizer?, NPK Fertilizer Manufacturing Process, Raw Materials for Fertilizer Production, Fertilizer Production Process, Fertilizer Manufacturing Process, Organic Fertilizer Manufacturing Process, Fertilizer Manufacturing Project, Urea Fertilizer Production Process, Fertilizer Industry, Organic Fertilizer Manufacturing Project, Fertilizer Processing Plant, Phosphate Fertilizer Plant, Process for Production of Fertilizer, Phosphate Fertilizer Production, Fertilizer Production Plant, Manufacturing Plant of Phosphate Fertilizer, Fertilizer Industry in India, Indian Fertilizer Industry, Producing Organic Fertilizer in India, How to Start Fertilizer Manufacturing Company, Organic Fertilizer Production Process, Fertilizer Production Plant, Fertilizer Manufacturing Unit, How Fertilizer Is Made?, Mineral Fertilizers, Mineral Fertilizer Production Plant, How to Start Mini Fertilizer Plant, Production of Single Super Phosphate & Mixed Fertilizer, How to Start Manufacturing Industry of NPK Fertilizers, Production Plant of Organic Fertilizer (In Solid and Liquid Forms), Production of Magnesium Sulphate as Fertilizer Grade, Manufacturing Business of Mixed Fertilizer (From Organic Waste), How to Start Production of Single Super Phosphate, Production of Customized Fertilizer (For Higher Crop Productivity), Vermicompost, Potassium Sulphate (Fertilizer Grade), Production of Micronutrients Fertilizer,



Manufacturing Plant of Zinc Sulphate (Agriculture Grade), Macronutrients & Micronutrients, Single Super Phosphate Plant, Production Process of Single Super Phosphate, Production of Single Super Phosphate, Single Super Phosphate Fertilizer Plant, Single Super Phosphate Manufacturing Process, Single Super Phosphate Chemical Formula, Single Super Phosphate Manufacturing Plant, Single Super Phosphate Fertilizer Manufacturing Plant, Single Super Phosphate Manufacturing Business, Nitrogenous Fertilizer Production, Nitrogenous Fertilizer Plant, Nitrogen Fertilizer Production Process, Fertilizer Manufacturing project ideas, Projects on Small Scale Industries, Small scale industries projects ideas, Fertilizer Manufacturing Based Small Scale Industries Projects, Project profile on small scale industries, How to Start Fertilizer Manufacturing Industry in India, Nitrogen Fertilizer Production Projects, New project profile on Nitrogen Fertilizer Production industries, Project Report on Fertilizer Manufacturing Industry, Detailed Project Report on Fertilizer Manufacturing, Project Report on Nitrogen Fertilizer Production, Pre-Investment Feasibility Study on Fertilizer Production, Techno-Economic feasibility study on Mineral fertilizer production, Feasibility report on Fertilizer Production, Free Project Profile on Mineral fertilizer production, Project profile on Organic Fertilizer Manufacturing, Download free project profile on Nitrogen Fertilizer Production, Industrial Project Report, Startup Project for Mineral fertilizer production



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Major Queries/Questions Answered in Our Report?

- 1. How has the industry performed so far and how will it perform in the coming years?**
- 2. What is the Project Feasibility of the Plant?**
- 3. What are the requirements of Working Capital for setting up the plant?**
- 4. What is the structure of the industry and who are the key/major players?**



- 5. What is the total project cost for setting up the plant?**
- 6. What are the operating costs for setting up the plant?**
- 7. What are the machinery and equipment requirements for setting up the plant?**
- 8. Who are the Suppliers and Manufacturers of Plant & Machinery for setting up the plant?**
- 9. What are the requirements of raw material for setting up the plant?**



- 10. Who are the Suppliers and Manufacturers of Raw materials for setting up the plant?**
- 11. What is the Manufacturing Process of the plant?**
- 12. What is the total size of land required for setting up the plant?**
- 13. What will be the income and expenditures for the plant?**
- 14. What are the Projected Balance Sheets of the plant?**



- 15. What are the requirement of utilities and overheads for setting up the plant?**
- 16. What is the Built up Area Requirement and cost for setting up the plant?**
- 17. What are the Personnel (Manpower) Requirements for setting up the plant?**
- 18. What are Statistics of Import & Export for the Industry?**
- 19. What is the time required to break-even?**



- 20. What is the Break-Even Analysis of the plant?**
- 21. What are the Project financials of the plant?**
- 22. What are the Profitability Ratios of the plant?**
- 23. What is the Sensitivity Analysis-Price/Volume of the plant?**
- 24. What are the Projected Pay-Back Period and IRR of the plant?**
- 25. What is the Process Flow Sheet Diagram of the plant?**
- 26. What are the Market Opportunities for setting up the plant?**
- 27. What is the Market Study and Assessment for setting up the plant?**
- 28. What is the Plant Layout for setting up the plant?**



Reasons for Buying Our Report:

- **The report helps you to identify a profitable project for investing or diversifying into by throwing light to crucial areas like industry size, market potential of the product and reasons for investing in the product**
- **The report provides vital information on the product like it's characteristics and segmentation**
- **The report helps you market and place the product correctly by identifying the target customer group of the product**



- **The report helps you understand the viability of the project by disclosing details like machinery required, project costs and snapshot of other project financials**
- **The report provides a glimpse of government regulations applicable on the industry**
- **The report provides forecasts of key parameters which helps to anticipate the industry performance and make sound business decisions**



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- **Our research reports broadly cover Indian markets, present analysis, outlook and forecast for a period of five years.**
- **The market forecasts are developed on the basis of secondary research and are cross-validated through interactions with the industry players**
- **We use reliable sources of information and databases. And information from such sources is processed by us and included in the report**



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- **Good Present/Future Demand**
- **Export-Import Market Potential**
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The detailed project report covers all aspect of business, from analyzing the market, confirming availability of various necessities such as Manufacturing Plant, Detailed Project Report, Profile, Business Plan, Industry Trends, Market Research, Survey, Manufacturing Process, Machinery, Raw Materials, Feasibility Study, Investment Opportunities, Cost and Revenue, Plant Economics, Production Schedule,



Working Capital Requirement, uses and applications, Plant Layout, Project Financials, Process Flow Sheet, Cost of Project, Projected Balance Sheets, Profitability Ratios, Break Even Analysis. The DPR (Detailed Project Report) is formulated by highly accomplished and experienced consultants and the market research and analysis are supported by a panel of experts and digitalized data bank.

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Our Approach

Requirement collection

Thorough analysis of the project

Economic feasibility study of the Project

Market potential survey/research

Report Compilation



Contact us

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