

# Fertilizers Manufacturing Handbook

(Ammonium Sulfate, Diammonium Phosphate (DAP), Urea - Ammonium Nitrate, Neem Coated Urea, N.P.K. Complex Fertilizers, Single Superphosphate (SSP), Triple Superphosphate, Zinc Sulfate Monohydrate, Magnesium Sulfate with Manufacturing Process, Machinery Equipment Details & Factory Layout)



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**Starting a business in Fertilizers Manufacturing? Here are some things you should know, advice on how to get started and achieve success with your Fertilizers Manufacturing business.**

**Have you ever considered starting a business in the Fertilizers Manufacturing industry?**



# Introduction



**Starting a fertilizer manufacturing business? Here are some tips on how to launch and succeed with your new business that you should be aware of. Have you ever contemplated opening a business in the manufacturing of fertilizers? Do you understand how to be successful in this field? To get you started, pay attention to these ideas, tips, and guidance. Trying to launch a business in the fertilizer manufacturing sector but unclear of where to start? Discover essential pointers in Our Fertilizers Manufacturing Handbook to help you launch a prosperous corporation in this sector.**



# An Overview Fertilizers Manufacturing



**India's economy is heavily reliant on agriculture. One of the greatest contributors to the Gross Domestic Product is agriculture, along with forestry, fishing, and other related industries (GDP). It goes without saying that the fertiliser industry is one that the Indian economy cannot do without given how significant the agricultural sector is.**

*Visit this Page for More Information: [Start a Business in Fertilizer Industry](#)*



**Related Business Plan: [MINI FERTILIZER PLANT](#)**



**The success of the agricultural sector in India is largely dependent on the fertilizer industry. The benchmark that the food industry in India has set is mainly due to the many technically competent fertilizer producing companies in the country. The combined output of Nitrogenous (N) and Phosphatic (P) Chemical fertilizers has increased from a modest level. Fertilizer Market Size will grow at a CAGR of 2.6%. Fertilizers have played a key role in the success of India's green revolution and subsequent self-reliance in food-grain production. The increase in fertilizer consumption has contributed significantly to sustainable production of food grains in the country.**



# Global Fertilizers Manufacturing Market



- **The NPK fertilizers market (feed-grade) is estimated at a CAGR of 4.1% these feed-grade fertilizers help animals attain faster growth and increase their weight by providing added nutrition to their meals.**
- **The global diammonium hydrogen phosphate (DAP) driven by the product's rising usage in fertilizers to increase the crop yield. The compound has a high nutrient content which is required for crop nurture.**
- **The global single superphosphate (SSP) market is expected to post a CAGR of close to 3%. Key factor driving the growth of the global single superphosphate (SSP) market is the increasing demand for phosphate fertilizers.**





·Triple Superphosphate Market is growing at a CAGR of 5.5%. Triple superphosphate typically contains 44–46% of diphosphorus pentoxide (P<sub>2</sub>O<sub>5</sub>) and are produced by reacting phosphoric acid with phosphate rocks.

·The zinc sulfate market is expected to witness market growth at a rate of 7.50%. The global nitrogenous fertilizer market size growth rate (CAGR). The growth is attributed to the increasing popularity of agriculture on a commercial level across the world. The global potash fertilizer market growth rate (CAGR) of 4.66%. The Global Ammonium Phosphate Market is expected to grow at a CAGR of 3.56% mainly due to robust demands from animal feed and fertilizers industries.



**The market has witnessed a significant boost from the enabling policy framework regarding yield enhancement of agro-produce. Successful business ideas in fertilizers manufacturing is profitable and very viable. Thus, it is a good idea to venture into it by starting your own business. Read this book on for more information about fertilizers industry in detail. It will help you understand how to get started with your own fertilizers manufacturing business. Fertilizers manufacturing is a great way to make money because of its high demand in today's market place.**

*Related Feasibility Study Reports: [Fertilizers, Fertilisers, Inorganic Fertilizers \(Mineral Fertilizer\), Macronutrients and Micronutrients, NPK, SSP, Single Super Phosphate, Urea, Nitrogen Fertilizer, Nitrogenous Fertilizer, Diammonium Phosphate Projects](#)*





# Conclusion:

**Fertilizers Manufacturing Handbook contains detailed information about fertilizers manufacturing in which all aspects are covered. The book is of immense use to professionals in Fertilizers Manufacturing Handbook for quick revision as well as in day-to-day life where people would like to know about fertilizers. This book also serves as an excellent guide for those who want to venture into fertilizers manufacturing industry or have been associated with it.**







**A complete guide to the Fertilizers Manufacturing : Ammonium Sulfate, Diammonium Phosphate (DAP), Urea - Ammonium Nitrate, Neem Coated Urea, N.P.K. Complex Fertilizers, Single Superphosphate (SSP), Triple Superphosphate, Zinc Sulfate Monohydrate, Magnesium Sulfate. It's a veritable feast of how-to information, from concept through equipment acquisition.**

*Watch other Informative Videos: [Fertilizers](#), [Biofertilizer](#), [Inorganic Fertilizers \(Mineral Fertilizer\)](#), [NPK](#), [Nitrogen Fertilizer](#), [Nitrogenous Fertilizer](#), [Diammonium Phosphate Projects](#)*



# Table of Contents of The Book



# 1. INTRODUCTION

## 1.1 TYPES OF FERTILIZERS

1.1.1 *Inorganic Fertilizers*

1.1.2 *Organic Fertilizers*

## 1.2 ADVANTAGES

## 1.3 USES

## 1.4 IMPORTANCE

# 2. HOW TO START A FERTILIZER MANUFACTURING BUSINESS?

## 2.1 CONDUCT RESEARCH

## 2.2 CREATE A BUSINESS PLAN

## 2.3 LEGAL PROCESS

## 2.4 COMPANY NAMING & LICENSE

## 2.5 FIND A SUITABLE LOCATION

## 2.6 RAW MATERIAL SUPPLY FOR FERTILIZERS

## 2.7 PACKAGING & DISTRIBUTION

## 2.8 PROMOTION OF THE FERTILIZERS

# 3. FERTILIZER TECHNOLOGY





## **4. MARKET OUTLOOK**

- 4.1 INCREASE IN DEMAND FOR FOOD GRAIN PRODUCTION TO DRIVE THE MARKET GROWTH**
- 4.2 UNCONTROLLED USE OF FERTILIZERS THAT LEADS TO POLLUTION IS PREDICTED TO RESTRAIN MARKET GROWTH**
- 4.3 INCREASE IN ADOPTION OF ORGANIC FERTILIZERS TO GENERATE ENORMOUS OPPORTUNITIES**
- 4.4 GLOBAL FERTILIZER MARKET, BY TYPE**
- 4.5 GLOBAL FERTILIZER MARKET, BY FORM**

## **5. CHEMICAL FERTILIZERS**

- 5.1 INTRODUCTION**
- 5.2 CLASSIFICATION OF FERTILIZERS**
  - 5.2.1 *Straight Fertilizers***
  - 5.2.2 *Complex or Compound Fertilizers***
- 5.3 CHARACTERISTICS OF NITROGENOUS FERTILIZERS**
- 5.4 FERTILIZERS CONTAINING WATER-SOLUBLE PHOSPHORUS CHARACTERISTICS**
- 5.5 FERTILIZERS CONTAINING CITRATE-SOLUBLE PHOSPHORUS CHARACTERISTICS**





## 5.6 FERTILIZERS CONTAINING INSOLUBLE PHOSPHORUS CHARACTERISTICS

5.7 POTASSIC FERTILIZERS

5.8 SULPHUR CONTAINING FERTILIZERS

5.9 MICRONUTRIENTS FERTILIZER

5.10 SULPHATE (SALTS)

5.11 CHELATE

5.12 NUTRIENT CONTENT OF CHEMICAL FERTILIZERS

## 6. FERTILIZER MATERIAL

6.1 COMMERCIAL FERTILIZER SOURCES

6.1.1 *Nitrogen Fertilizers*

6.1.2 *Phosphate*

6.1.3 *Potassium*

6.1.4 *Calcium*

6.1.5 *Magnesium*

6.1.6 *Sulfur*

6.1.7 *Micronutrient*

## 7. AMMONIUM CHLORIDE (NH<sub>4</sub>CL)

7.1 USES

7.2 USED AS A FERTILIZER





- 7.2.1 **CHLORIDE AND NITROGEN**
  - 7.2.2 *Medium-Strength Fertilizer*
  - 7.2.3 *Crop Increase*
  - 7.2.4 *Disease Prevention*
- 7.3 **SAFELY**
- 7.4 **STORAGE & DISPOSAL**
- 7.5 **PROPERTIES**
- 7.6 **PREPARATION**
- 7.7 **PRODUCTION**
- 7.8 **PRODUCTION METHOD**
- 7.9 **REACTION**
- 7.10 **APPLICATIONS**
  - 7.10.1 *Metalwork*
  - 7.10.2 *Medicine*
  - 7.10.3 *Food*
  - 7.10.4 *In the Laboratory*
  - 7.10.5 *Flotation*
  - 7.10.6 *Batteries*
- 7.11 **OTHER APPLICATIONS**





## **8. AMMONIUM CHLORIDE PREPARATION**

- 8.1 FORMULA AND STRUCTURE**
- 8.2 OCCURRENCE**
- 8.3 PREPARATION**
- 8.4 PHYSICAL PROPERTIES**
- 8.5 CHEMICAL PROPERTIES**

## **9. AMMONIUM PHOSPHATE ((NH<sub>4</sub>)<sub>3</sub>PO<sub>4</sub>)**

- 9.1 TYPES**
- 9.2 USES**
- 9.3 HOW ARE AMMONIUM PHOSPHATES MADE?**
- 9.4 IMPROVE SOIL FERTILITY**
- 9.5 IMPROVE PLANT NUTRITION**
- 9.6 PROCESS DESCRIPTION**
- 9.7 EMISSION FACTORS**

**9.7.1 *Emissions and Controls***

- 9.8 AVERAGE CONTROLLED EMISSION FACTORS FOR THE PRODUCTION FACTOR**

**RATING**





## **10. AMMONIUM SULFATE ((NH<sub>4</sub>)<sub>2</sub>SO<sub>4</sub>)**

- 10.1 AMMONIUM SULFATE STRUCTURE (NH<sub>4</sub>)<sub>2</sub>SO<sub>4</sub>
- 10.2 PROPERTIES OF AMMONIUM SULFATE (NH<sub>4</sub>)<sub>2</sub>SO<sub>4</sub>
- 10.3 (NH<sub>4</sub>)<sub>2</sub>SO<sub>4</sub> USES AMMONIUM SULFATE
- 10.4 USES
- 10.5 PRODUCTION
- 10.6 AGRICULTURAL USE
- 10.7 MANAGEMENT PRACTICES
- 10.8 NON-AGRICULTURAL USES
- 10.9 PREPARATION
- 10.10 REACTIONS
- 10.11 BENEFITS
- 10.12 APPLICATIONS
- 10.13 AVOIDING EXPOSURE
- 10.14 EMISSIONS AND CONTROLS

## **11. AMMONIUM SULFATE MANUFACTURING**

- 11.1 CRYSTALLIZER (DP CRYSTALLIZER / OSLO CRYSTALLIZER)
  - 11.1.1 *Structure and Principle*



## 11.2 FEATURES

- 11.2.1 *Large Circulation Volume***
- 11.2.2 *Sharp Distribution of Grain Sizes***
- 11.2.3 *Certainly Scale-Up***

## 11.3 APPLICATIONS

- 11.3.1 *Inorganic Chemical***
- 11.3.2 *Organic Chemical***

## 11.4 OSLO CRYSTALLIZER

- 11.4.1 *Structure and Principle***

## 11.5 FEATURES

## 11.6 APPLICATIONS

## 11.7 FEATURES

- 11.7.1 *Wide Range of Application***
- 11.7.2 *High Dehydration Performance***
- 11.7.3 *High Solid Throughput***
- 11.7.4 *High Cake Washing Performance***
- 11.7.5 *Gas Tight Construction***
- 11.7.6 *Can be Connected Directly to a Clean Flash Dryer***

## 11.8 APPLICATIONS

---





## 11.8.1 INORGANIC CHEMICALS

*11.8.2 Organic Chemicals*

*11.8.3 Polymers*

## 11.9 FLUIDIZED BED DRYER DRYING

*11.9.1 Structure and Principle*

## 11.10 FEATURES

*11.10.1 Uniformity of Product Quality*

*11.10.2 Easy Adjustment of Retention Time*

*11.10.3 Easy Maintenance*

*11.10.4 High Thermal Efficiency*

## 11.11 APPLICATIONS

# 12. DIAMMONIUM PHOSPHATE (DAP) $((\text{NH}_4)_2\text{HPO}_4)$

12.1 PRODUCTION

12.2 CHEMICAL PROPERTIES

12.3 AGRICULTURAL USE

12.4 MANAGEMENT PRACTICES

12.5 NON-AGRICULTURAL USES

12.6 USES

12.7 EFFICIENT USE





## **12.8 PROPERTIES**

**12.9 ADVANTAGES**

**12.10 APPLICATION**

**12.11 SPECIFICATIONS**

**12.12 COMPOSITION**

## **13. DI-AMMONIUM PHOSPHATE (DAP) PREPARATION**

**13.1 FORMULATION**

**13.2 APPLICATION**

**13.3 SPECIFICATIONS**

## **14. DAP FERTILIZER MANUFACTURING**

**14.1 PRODUCTION PROCESS**

*14.1.1 Compound Fertilizer Granulator*

**14.2 SOLID DAP FERTILIZER CRUSH MACHINE**

**14.3 DAP FERTILIZER MIXING MACHINE**

**14.4 FERTILIZER DRYING MACHINE FOR DAP FERTILIZER PRODUCTION PROCESS**

*14.4.1 Fertilizer Crusher*

**14.5 FEATURE**





**14.5.1 Crush Machine: Dedicated for Compound Fertilizer Materials**

**14.5.2 Fertilizer Mixing Equipment for Fertilizer Production**

**14.6 GRANULAR FERTILIZER MIXING EQUIPMENT: BB FERTILIZER**

**MIXER**

**14.7 ADVANTAGES OF ROTARY FERTILIZER DRYING MACHINE**

**14.8 FERTILIZER DRYING MACHINE EFFECTIVELY REMOVE MOISTURE**

**14.9 BURNER**

**14.10 HOT BLAST FURNACE**

**15. UREA - AMMONIUM NITRATE**

**15.1 PRODUCTION**

**15.2 AGRICULTURAL USE**

**15.3 MANAGEMENT PRACTICES**

**16. NEEM COATED UREA**

**16.1 BENEFITS**

**16.2 REAPING BENEFITS**

**16.2.1 Reduction in Wastage**

**16.2.2 Greater Yield, Lower Costs, and Improved Soil**

**Health**





16.3 **ADVANTAGE**

16.4 **VALUE ADDITION**

16.5 **IMPORTANCE**

## **17. UREA FERTILIZER PROCESS SELECTION AND ECONOMIC ASPECTS**

17.1 **PLANT COMPONENTS**

17.2 **STRIPPER**

17.3 **CARBAMATE CONDENSERS**

17.4 **CO2 COMPRESSORS**

17.5 **HP AMMONIA PUMPS AND CARBOMATE PUMPS PIPING**

17.6 **HP CONTROL VALVES**

17.7 **PROCESS SELECTION**

17.8 **CONVENTIONAL PROCESSES**

*17.8.1 Once through Process*

*17.8.2 Conventional Recycle Process*

17.9 **STAMICARBON CO2 – STRIPPING PROCESS**

17.10 **SNAMPROGETTI AMMONIA AND SELF-STRIPPING**

### **PROCESSES**

17.11 **ISOBARIC DOUBLE RECYCLE PROCESS**

17.12 **ACES PROCESS**

17.13 **BASIC CONCEPT OF PROCESS**





## 17.14 FEATURES OF PROCESS

### 17.14.1 Utility System

## 18. NEEM SEED OIL MILL PLANT

### 18.1 MACHINES & EQUIPMENT REQUIRED TO START NEEM OIL MILL PLANT

18.1.1 *Neem Seed Decorticator*

18.1.2 *Seed Cleaner*

18.1.3 *Oil Expeller*

18.1.4 *Filter Press Pump*

18.1.5 *Steam Boiler*

18.1.6 *Bucket Elevator*

18.1.7 *Screw Conveyor*

18.1.8 *Motor Control*

## 19. N.P.K. COMPLEX FERTILIZERS

19.1 USES

19.2 BENEFITS

19.3 PROPERTIES

19.4 PRODUCTION

## 20. NPK FERTILIZER PRODUCTION LINE

20.1 METHODS



## **20.1.1 NPK FERTILIZER GRANULATION PRODUCTION LINE**

### ***20.1.2 NPK Fertilizer Pellets Blending Production Line***

**20.2 ROLLER PRESS NPK FERTILIZER GRANULATION**

**20.3 SPECIFICATION**

**20.4 MANUFACTURING PROCESS**

**20.5 MIXING LINE BEFORE THE GRANULATION FOR PREPARATION**

***20.5.1 Fertilizer Batching Equipment***

***20.5.2 Fertilizer Mixer for Blending Plant***

***20.5.3 Fertilizer Crusher***

**20.6 MIXED NPK MATERIALS PELLETING**

**20.7 DRUM TYPE WET GRANULATION MACHINE FOR SALE**

**20.8 PROCESSES AFTER GRANULATING**

***20.8.1 Fertilizer Dryer***

***20.8.2 Fertilizer Packing Machine***

***20.8.3 Fertilizer Screener***

**20.9 3 TYPES OF NPK FERTILIZER GRANULATION MACHINES CAN  
APPLY FOR FERTILIZER PRODUCTION LINE**

**20.10 HIGH OUTPUT NPK FERTILIZER WET GRANULATION  
EQUIPMENT**

**20.11 NEW NPK FERTILIZER DRY GRANULATOR**



## **20.12 ECONOMIC PAN TYPE FERTILIZER GRANULATOR FOR NPK FERTILIZER MAKING**

**20.13 DISC PELLETIZER**

**20.14 ROTARY GRANULATOR**

**20.15 DOUBLE ROLLER GRANULATOR**

*20.15.1 Pan Granulator for Sale*

**20.16 HOW TO MIX NPK FERTILIZERS PROPERLY?**

**20.17 POWDER MIXING TECHNOLOGY FOR GRANULATION PROCESS**

**20.18 GRANULAR FERTILIZER BLENDING TECHNOLOGY**

**20.19 FOR NPK COOLING, WHAT COOLING METHOD DOES A COOLER EMPLOY?**

**20.20 WHAT ARE THE REQUIREMENTS FOR SETTING UP AN NPK**

## **COMPLEX FERTILIZERS PLANT?**

**20.21 EFFECTS OF NPK FERTILIZER MANUFACTURING PROCESS ON**

## **PLANTS AND YIELD PRODUCTION**

## **21. POTASSIUM CHLORIDE**

**21.1 PRODUCTION**

**21.2 AGRICULTURAL USE**

**21.3 MANAGEMENT PRACTICES**

**21.4 NON-AGRICULTURAL USE**



- 21.5 PREPARATION OF POTASSIUM CHLORIDE**
  - 21.6 PROPERTIES OF POTASSIUM CHLORIDE**
  - 21.7 PHYSICAL PROPERTIES**
  - 21.8 CHEMICAL PROPERTIES**
  - 21.9 USES OF POTASSIUM CHLORIDE**
  - 21.10 CHEMICAL PROPERTIES**
  - 21.11 MANUFACTURE**
  - 21.12 POTASSIUM IN PLANTS**
  - 21.13 POTASSIUM IN SOILS**
  - 21.14 FERTILIZING SOILS WITH POTASSIUM**
  - 21.15 RIGHT SOURCE**
  - 21.16 RIGHT RATE**
  - 21.17 RIGHT TIME**
  - 21.18 RIGHT PLACE**
  - 21.19 POTASSIUM DEFICIENCY SYMPTOMS**
  - 21.20 CROP RESPONSE TO POTASSIUM**

## **22. SINGLE SUPERPHOSPHATE (SSP)**

- 22.1 PRODUCTION**
- 22.2 CHEMICAL PROPERTIES**
- 22.3 EFFICIENT USES**





- 22.4 AGRICULTURAL USE**
  - 22.5 MANAGEMENT PRACTICES**
  - 22.6 NON-AGRICULTURAL USES**
  - 22.7 RAW MATERIALS NEEDED FOR THE PRODUCTION OF SSP**
  - 22.8 ADVANTAGES OF SSP FERTILIZER**
  - 22.9 AGRONOMIC IMPORTANCE**
  - 22.10 MATERIALS AND METHODS**
    - 22.10.1 Milling of SSP Fertilizer*
  - 22.11 CHARACTERIZATIONS**
  - 22.12 SOLUBILIZATION TESTS**
  - 22.13 FERTILIZER COMPOSITION AND USES**
  - 22.14 PROPERTIES**
  - 22.15 MANUFACTURING**
    - 22.15.1 Blending and Grinding of Rock Phosphate*
    - 22.15.2 Superphosphate Production*
    - 22.15.3 Granulation*
  - 22.16 STORAGE AND HANDLING**
- 22.17 PRICE OF SINGLE SUPER PHOSPHATE**
- 22.18 ROLE OF PHOSPHORUS**

## **23. SINGLE SUPER PHOSPHATE (SSP) MANUFACTURING PROCESS**

## 23.2 A SINGLE SUPER PHOSPHATE MANUFACTURING PLANT'S COMPONENTS

**23.2.1 Bucket Elevator**

**23.2.2 Ball Mill**

**23.2.3 Weight Feeder**

**23.2.4 Belt Conveyor**

**23.2.5 Screw**

**23.2.6 Conveyor Mixer**

**23.2.7 EOT Crane**

**23.2.8 Vibrating Screens**

**23.2.9 Venturi Scrubbers**

## **24. TRIPLE SUPERPHOSPHATE (TSP)**

**24.1 PRODUCTION**

**24.2 AGRICULTURAL USE**

**24.3 MANAGEMENT PRACTICES**

**24.4 NON-AGRICULTURAL USES**

**24.5 BENEFITS**

**24.6 PROCESS**

## **25. ZINC CHLORIDE (ZnCl<sub>2</sub>)**

**25.1 USES**

**25.2 PROCESS**





## **26. ZINC SULPHATE (ZNSO<sub>4</sub>)**

- 26.1 INTRODUCTION**
  - 26.2 CHEMICAL PROPERTIES**
  - 26.3 BENEFITS**
  - 26.4 IMPORTANCE**
  - 26.5 APPLICATIONS**
  - 26.6 USES**
  - 26.7 PRODUCT USES AND SPECIFICATIONS**
  - 26.8 PHYSICAL PROPERTIES**
  - 26.9 SPECIFICATIONS**
  - 26.10 PRODUCT APPLICATION**
    - 26.10.1 Micro Nutrient***
    - 26.10.2 Rayon Industry***
    - 26.10.3 Lithopone***
    - 26.10.4 Leather Tanning***
  - 26.11 MISCELLANEOUS APPLICATIONS**
  - 26.12 MARKET POTENTIAL**
  - 26.13 MICRONUTRIENTS**
  - 26.14 TECHNICAL ASPECTS**
    - 26.14.1 Installed Capacity***
    - 26.14.2 Plant and Machinery***
-

**26.15 MANUFACTURING PROCESS**

**26.16 RAW MATERIAL**

***26.16.1 Zinc Ash Availability***

**27. ZINC SULFATE MANUFACTURING**

**27.1 PROCESS DESCRIPTION**

***27.1.1 Digesters***

***27.1.2 Rubber Lined Mild Steel Tanks***

***27.1.3 Pumps***

***27.1.4 Filter Press***

***27.1.5 Crystallizers***

***27.1.6 Chilling Plant***

***27.1.7 Compressors***

**28. ZINC SULFATE MONOHYDRATE MANUFACTURING**

**28.1 RAW MATERIALS**

**28.2 MANUFACTURING PROCESS**

**28.3 APPLICATION**

**28.4 EQUIPMENTS**

***28.4.1 Acid Storage Tank***

***28.4.2 EOT Crane***

***28.4.3 Reactors***





- 28.4.4 Filter Press**
- 28.4.5 Centrifuge**
- 28.4.6 M L Storage Tank**
- 28.4.7 Drier**
- 28.4.8 Hot Air Generating Unit**
- 28.4.9 Cyclone**
- 28.4.10 Hot Air Blower**
- 28.4.11 Slat Conveyor**

## **29. MAGNESIUM SULFATE (MGSO<sub>4</sub>)**

- 29.1 FEATURES**
- 29.2 APPLICATIONS (AGRO & FERTILIZER INDUSTRY)**
- 29.3 HYDRATES**
- 29.4 HEPTAHYDRATE**
- 29.5 MONOHYDRATE**
- 29.6 UNDECAHYDRATE**
- 29.7 ENNEAHYDRATE**
- 29.8 NATURAL OCCURRENCE**
- 29.9 PREPARATION**
- 29.10 PHYSICAL PROPERTIES**
- 29.11 USES**



- 29.11.1 Medical**
- 29.11.2 Agriculture**
- 29.11.3 Food Preparation**

- 29.12 CHEMISTRY**
- 29.13 CONSTRUCTION**
- 29.14 AQUARIA**
- 29.15 DOUBLE SALTS**
- 29.16 THE ROLE OF MAGNESIUM IN CROPS**
- 29.17 SYMPTOMS OF MAGNESIUM DEFICIENCY**
- 29.18 THE ROLE OF MAGNESIUM IN THE SOIL**
- 29.19 MAGNESIUM IN THE SOIL**
- 29.20 RELATIONSHIP OF MAGNESIUM TO CALCIUM IN SOILS**

## **30. MAGNESIUM SULPHATE MANUFACTURING**

- 30.1 MANUFACTURING PROCESS**
  - 30.1.1 Step – 1 Reacto**
  - 30.1.2 Step – 2 Filtration Through Filter Press**
  - 30.1.3 Step – 3 Crystallization**
  - 30.1.4 Step – 4 Centrifugation**

## **31. LIQUID FERTILIZER PRODUCTION (LIQUEFACTION)**

- 31.1 LIQUID FERTILIZER CONTAINS THIS PRIMARY ELEMENT**





- 31.2 COMPLEX FERTILIZERS**
- 31.3 COLLOIDAL CLAY**
  - 31.3.1 *Bentonite***
- 31.4 ORCHARD OR VINEYARD**
  - 31.4.1 *Leaf Analysis***
  - 31.4.2 *Sampling/Analysis***
  - 31.4.3 *Fruitlet Mineral Analysis***
- 31.5 BENEFITS**
  - 31.5.1 *Easy to Apply Nutrients***
  - 31.5.2 *High Liquid Concentrate***
  - 31.5.3 *Fast Acting Feed***
  - 31.5.4 *Liquid Lawn Fertilizer vs. Granular***
  - 31.5.5 *Types of Liquid Fertilizer***
- 31.6 HOW DOES LIQUID FERTILIZER WORK?**
- 31.7 APPLY LIQUID FERTILIZER**
- 31.8 DIFFERENT TYPES OF FORMULAS**
- 32. ORGANIC FERTILIZER**
- 32.1 EXAMPLES AND SOURCES**
- 32.2 MINERALS**
- 32.3 ANIMAL SOURCES**



**32.4 PLANT**

**32.5 PEAT**

**32.6 HUMAN WASTE**

**32.7 OTHERS**

***32.7.1 Farming Application***

**32.8 COMPARISON**

***32.8.1 Nutrient Density***

**32.9 SOIL BIOLOGY**

**32.10 CONSISTENCY**

**32.11 SOURCE OF ORGANIC FERTILIZERS**

**32.12 IMPORTANCE OF ORGANIC FERTILIZER**

**32.13 IMPACTS OF ORGANIC FERTILIZER APPLICATION ON SOIL PROPERTIES**

**32.14 ROLE OF ORGANIC FERTILIZER FOR AGRICULTURE**

**32.15 ADVANTAGES**

**32.16 TYPES**

***32.16.1 Manure***

***32.16.2 Compost***

***32.16.3 Rock Phospate***

***32.16.4 Chicken Litter***

***32.16.5 Bone Meal***

***32.16.6 Vermicompost***

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## **33.**

### **MANURE PRODUCTION**

**33.1 FACTORS THAT AFFECT MANURE COMPOSITION**

**33.2 FEEDING AND NUTRIENT EXCRETION**

**33.3 WATER CONSUMPTION**

**33.4 IN-BARN WATER USE**

**33.5 LIVESTOCK BEDDING**

**33.6 IN-BARN DRYING SYSTEMS**

**33.7 WEATHER**

**33.8 MANURE STORAGE DESIGN**

**33.9 MICROBIAL DECOMPOSITION AND OTHER NUTRIENT AND MOISTURE**

### **TRANSFORMATIONS**

**33.10 SETTLING OF SOLIDS – LIQUID PIG MANURE**

**33.11 MANURE SAMPLING AND ANALYSIS**

**33.12 GENERAL GUIDELINES FOR SAMPLING MANURE**

**33.13 SAMPLING WELL AGITATED LIQUID MANURE**

**33.14 SAMPLING PARTIALLY AGITATED LIQUID MANURE**

**33.15 SAMPLING MANURE FROM MULTI-CELLED SYSTEMS**

**33.16 SAMPLING SOLID MANURE**

**33.17 LABORATORY ANALYSES FOR MANURE**

**33.18 RAPID IN-FIELD TESTING OF LIQUID MANURE**



## 33.19 MOISTURE AND DRY MATTER CONTENT

### 33.20 NITROGEN

### 33.21 CARBON TO NITROGEN RATIOS AND NITROGEN AVAILABILITY

## FROM MANURE

### 33.22 PHOSPHORUS FORMS IN MANURE

### 33.23 ESTIMATED AVAILABLE N: P<sub>2</sub>O<sub>5</sub> RATIOS

### 33.24 POTASSIUM

### 33.25 SULPHUR

### 33.26 MICRONUTRIENTS AND OTHER TRACE ELEMENTS IN MANURE

### 33.27 SALTS IN MANURE

### 33.28 BY-PRODUCTS OF MANURE TREATMENT

#### *33.28.1 Composting*

### 33.29 SOLID – LIQUID SEPARATION

### 33.30 CENTRIFUGE

### 33.31 ROTARY PRESS

### 33.32 VP SYSTEMS AIR FLOATATION AND BELT FILTER PRESS

### 33.33 GRAVITY SEPARATION

### 33.34 ANAEROBIC DIGESTION

## 34. CLASSIFICATIONS OF MANURE

### 34.1 TYPES

#### 34.1.1 ANIMAL MANURE





## **34.1.2 COMPOST**

### ***34.1.3 Green Manure***

## **34.2 USES**

### ***34.2.1 Animal Manure***

## **34.3 ISSUES**

### ***34.3.1 Livestock Antibiotics***

### ***34.3.2 Bulky Organic Manures***

### ***34.3.3 Farmyard Manure***

### ***34.3.4 Sheep and Goat Manure***

### ***34.3.5 Poultry Manure***

### ***34.3.6 Concentrated Organic Manures***

### ***34.3.7 Oil Cakes***

### ***34.3.8 Other Concentrated Organic Manures***

### ***34.3.9 Animal Based Concentrated Organic Manures***

## **35. CROP NUTRIENT PRODUCTION**

### **35.1 CROP NUTRIENTS**

### **35.2 NUTRIENTS PLANTS REQUIRE FOR GROWTH**

### **35.3 SOIL-DERIVED MACRONUTRIENTS**

### **35.4 SOIL-DERIVED MICRONUTRIENTS**

### **35.5 THE MOST IMPORTANT CROP NUTRIENTS**

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## **35.6 IMPORTANCE OF CROP NUTRITION MANAGEMENT**

### **36. ISO STANDARDS**

### **37. FERTILIZER STANDARDS LIST**

### **38. FACTORY LAYOUT AND PROCESS FLOW CHART & DIAGRAMS**

### **39. PHOTOGRAPHS OF PLANT AND MACHINERY WITH SUPPLIER'S CONTACT DETAILS**

- **AMMONIA CHILLERS**
- **FERTILIZER CLEANER**
- **FERTILIZER PAN MIXER**
- **FERTILIZER GRANULE MAKING MACHINE**
- **FERTILIZERS BAGGING AND PACKAGING MACHINE**
- **FERTILIZER GRANULATOR**
- **BLENDER MACHINE**
- **HOT BLAST VALVE & BLAST FURNACE**
- **PULVERIZER MILLS**
- **HAMMER MILL**





- **BUCKET ELEVATOR**
- **AIR COMPRESSOR**
- **RIBBON MIXER**
- **TRAY DRYER**
- **EOT CRANE**
- **WEIGH FEEDER**
- **HIGH PRESSURE COMPRESSOR**
- **CONTROL PANEL**
- **STEEL JACKETED TANK**
- **STORAGE TANK**





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Process Technology Book on**

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AMMONIUM NITRATE, NEEM COATED UREA, N.P.K.  
COMPLEX FERTILIZERS, SINGLE SUPERPHOSPHATE (SSP),  
TRIPLE SUPERPHOSPHATE, ZINC SULFATE MONOHYDRATE,  
MAGNESIUM SULFATE WITH MANUFACTURING PROCESS,  
MACHINERY EQUIPMENT DETAILS & FACTORY LAYOUT)**

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BOOKS**





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Our inexhaustible Client list includes public-sector companies, Corporate Houses, Government undertaking, individual entrepreneurs, NRI, Foreign investors, non-profit organizations and educational institutions from all parts of the World. The list is just a glimpse of our esteemed & satisfied Clients.

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**And before diversifying/venturing into any product, they wish to study the following aspects of the identified product:**

- **Good Present/Future Demand**
- **Export-Import Market Potential**
- **Raw Material & Manpower Availability**
- **Project Costs and Payback Period**

**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,**



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**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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## Who are we?

- One of the leading reliable names in industrial world for providing the most comprehensive technical consulting services
- We adopt a systematic approach to provide the strong fundamental support needed for the effective delivery of services to our Clients' in India & abroad

We at NPCCS want to grow with you by providing solutions scale to suit your new operations and help you reduce risk and give a high return on application investments. We have successfully achieved top-notch quality standards with a high level of customer appreciation resulting in long lasting relation and large amount of referral work through technological breakthrough and innovative concepts. A large number of our Indian, Overseas and NRI Clients have appreciated our expertise for excellence which speaks volumes about our commitment and dedication to every client's success.



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We bring deep, functional expertise, but are known for our holistic perspective: we capture value across boundaries and between the silos of any organization. We have proven a multiplier effect from optimizing the sum of the parts, not just the individual pieces. We actively encourage a culture of innovation, which facilitates the development of new technologies and ensures a high quality product.

## What do we offer?

- Project Identification
- Detailed Project Reports/Pre-feasibility Reports
- Market Research Reports
- Business Plan
- Technology Books and Directory
- Industry Trend
- Databases on CD-ROM
- Laboratory Testing Services
- Turnkey Project Consultancy/Solutions
- Entrepreneur India (An Industrial Monthly Journal)





## How are we different ?

- We have two decades long experience in project consultancy and market research field
- We empower our customers with the prerequisite know-how to take sound business decisions
- We help catalyze business growth by providing distinctive and profound market analysis
- We serve a wide array of customers , from individual entrepreneurs to Corporations and Foreign Investors
- We use authentic & reliable sources to ensure business precision



## Who do we Serve?

- Public-sector Companies
- Corporates
- Government Undertakings
- Individual Entrepreneurs
- NRI's
- Foreign Investors
- Non-profit Organizations, NBFC's
- Educational Institutions
- Embassies & Consulates
- Consultancies
- Industry / trade associations





# Our Approach

Requirement collection

Thorough analysis of the project

Economic feasibility study of the Project

Market potential survey/research

Report Compilation

## Sectors We Cover

- Ayurvedic And Herbal Medicines, Herbal Cosmetics
- Alcoholic And Non Alcoholic Beverages, Drinks
- Adhesives, Industrial Adhesive, Sealants, Glues, Gum & Resin
- Activated Carbon & Activated Charcoal
- Aluminium And Aluminium Extrusion Profiles & Sections,
- Bio-fertilizers And Biotechnology
- Breakfast Snacks And Cereal Food
- Bicycle Tyres & Tubes, Bicycle Parts, Bicycle Assembling
- Bamboo And Cane Based Projects
- Building Materials And Construction Projects
- Biodegradable & Bioplastic Based Projects
- Chemicals (Organic And Inorganic)
- Confectionery, Bakery/Baking And Other Food
- Cereal Processing
- Coconut And Coconut Based Products
- Cold Storage For Fruits & Vegetables
- Coal & Coal Byproduct
- Copper & Copper Based Projects



## Sectors We Cover *Cont...*

- Dairy/Milk Processing
- Disinfectants, Pesticides, Insecticides, Mosquito Repellents,
- Electrical, Electronic And Computer based Projects
- Essential Oils, Oils & Fats And Allied
- Engineering Goods
- Fibre Glass & Float Glass
- Fast Moving Consumer Goods
- Food, Bakery, Agro Processing
- Fruits & Vegetables Processing
- Ferro Alloys Based Projects
- Fertilizers & Biofertilizers
- Ginger & Ginger Based Projects
- Herbs And Medicinal Cultivation And Jatropha (Biofuel)
- Hotel & Hospitality Projects
- Hospital Based Projects
- Herbal Based Projects
- Inks, Stationery And Export Industries
- Infrastructure Projects
- Jute & Jute Based Products

## Sectors We Cover *Cont...*

- Leather And Leather Based Projects
- Leisure & Entertainment Based Projects
- Livestock Farming Of Birds & Animals
- Minerals And Minerals
- Maize Processing(Wet Milling) & Maize Based Projects
- Medical Plastics, Disposables Plastic Syringe, Blood Bags
- Organic Farming, Neem Products Etc.
- Paints, Pigments, Varnish & Lacquer
- Paper And Paper Board, Paper Recycling Projects
- Printing Inks
- Packaging Based Projects
- Perfumes, Cosmetics And Flavours
- Power Generation Based Projects & Renewable Energy Based Projects
- Pharmaceuticals And Drugs
- Plantations, Farming And Cultivations
- Plastic Film, Plastic Waste And Plastic Compounds
- Plastic, PVC, PET, HDPE, LDPE Etc.



## Sectors We Cover *Cont...*

- Potato And Potato Based Projects
- Printing And Packaging
- Real Estate, Leisure And Hospitality
- Rubber And Rubber Products
- Soaps And Detergents
- Stationary Products
- Spices And Snacks Food
- Steel & Steel Products
- Textile Auxiliary And Chemicals
- Township & Residential Complex
- Textiles And Readymade Garments
- Waste Management & Recycling
- Wood & Wood Products
- Water Industry(Packaged Drinking Water & Mineral Water)
- Wire & Cable

# Objective

- To get a detailed scenario of the industry along with its structure and classification
- To provide a comprehensive analysis of the industry by covering aspects like:
  - Growth drivers of the industry
  - Latest market trends
  - Insights on regulatory framework
  - SWOT Analysis
  - Demand-Supply Situation
  - Foreign Trade
  - Porters 5 Forces Analysis
- To provide forecasts of key parameters which helps to anticipate the industry performance
- To help chart growth trajectory of a business by detailing the factors that affect the industry growth
- To help an entrepreneur/manager in keeping abreast with the changes in the industry
- To evaluate the competitive landscape of the industry by detailing:
  - Key players with their market shares
  - Financial comparison of present players

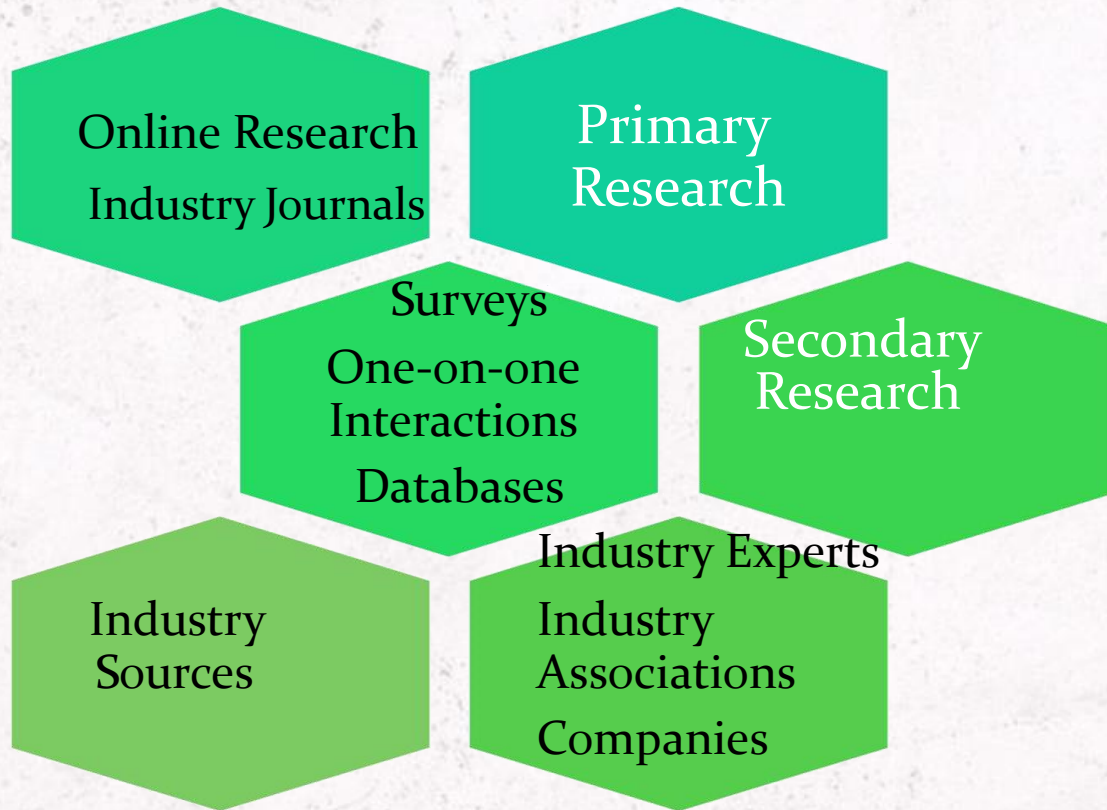




- Venturist/Capitalists
- Entrepreneur/Companies
- Industry Researchers
- Investment Funds
- Foreign Investors, NRI's
- Project Consultants/Chartered Accountants
- Banks
- Corporates

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# Data Sources



# Scope & Coverage





## Our Team

⌘ Our research team comprises of experts from various financial fields:

⌘ MBA's

⌘ Industry Researchers

⌘ Financial Planners

⌘ Research veterans with decades of experience





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# Contact us

## **NIIR PROJECT CONSULTANCY SERVICES**

### **Entrepreneur India**

106-E, Kamla Nagar, Opp. Mall ST,  
New Delhi-110007, India.

Email: [npcs.ei@gmail.com](mailto:npcs.ei@gmail.com) , [info@entrepreneurindia.co](mailto:info@entrepreneurindia.co)

Tel: +91-11-23843955, 23845654, 23845886

Mobile: +91-9097075054, 8800733955

Fax: +91-11-23845886

Website : [www.entrepreneurindia.co](http://www.entrepreneurindia.co) , [www.niir.org](http://www.niir.org)

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A close-up photograph of two people in business suits shaking hands. The background is blurred, showing other people in a professional setting. The text 'THANK YOU' is overlaid in red at the top.

# THANK YOU

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