

Books on Agrochemicals, Pesticides, Insecticides, Fungicides, Herbicides, Biofertilizer and Vermicompost Manufacturing



Introduction

Agrochemicals widely involve fertilizers, pesticides, hormones and plant growth regulators (PGR) that enable plant and soil protection, improve the yield, maintain and improve the growth process of plants.

Agrochemicals are specially engineered chemical products for use in agriculture in order to enhance crop productivity and protect the crops from pests, insects, weeds, fungi, and others. Agrochemicals can be produced in both, chemical as well as biological methods. Synthetic agrochemicals are a threat for the environment and are gradually being replaced by bio-based pesticides and fertilizers.





Growth of horticulture & floriculture, increasing awareness towards the use of fertilizers and pesticides coupled with the increasing literacy rate among farmers in major crop producing countries is boosting the global agrochemicals market. One of the major drivers for the market is the growth of agrochemicals in demand for food grains, due to to increasing global population along with decreasing per capita farm land due to sudden rise in urbanization and industrialization.

Agrochemical is a general term for the different kinds of chemical products used in agriculture. Agrochemicals refer to the broad range of pesticides, including herbicides, fungicides, insecticides and nematicides. Agrochemicals are specialty chemical products used, particularly in horticulture, agriculture and floriculture. It includes broad range of pesticides, chemical growth agents, hormones and other synthetic fertilizers. It also includes synthetic fertilizers, hormones and concentrated stores of raw animal manure.



India is the fourth largest producer of agrochemicals globally, after United States, Japan and China. The agrochemicals industry is a significant industry for the Indian economy.

The crop protection market has experienced strong growth in the past and is expected to grow further at approximate 12% p.a. to reach \$ 6.8 billion by FY17. The growth would be largely driven by export demand which is expected to grow at 15-16% p.a, while domestic demand is expected to grow at 8-9% p.a. Biopesticides, which currently represent only 4.2% of the overall pesticide market in India, are expected to exhibit an annual growth rate of about 10% in the coming years. Indian agrochemicals market is supported by strong growth drivers.





India's per hectare agrochemical consumption is set to rise in the coming years, given the above-mentioned factors. The seven states including Andhra Pradesh (AP), Maharashtra, Punjab, Madhya Pradesh and Chhattisgarh, Gujarat, Tamil Nadu and Haryana account for usage of over 70 per cent crop protection chemicals in India; wherein Andhra Pradesh is a leading consumer of agrochemicals with a market share of 24 per cent.





The market in India is highly dominated by the foreign players. Bayer AG is the largest agrochemical producer in the world. Some of the big names include Yara International ASA, BASF, Bayer Crop Science, MakhteshimAgan Industries Ltd, Dow Agro Sciences, Monsanto, Syngenta, Aventis, Agrium etc. Lallemand Inc., ArystaLifeScience (Japan) and Sinofert Holdings Limited (China). Indian Farmers Fertiliser Cooperative, National Fertilizers Limited, Rashtriya Chemicals and fertilizers Ltd.Zuari Agro Chemicals, Nagarjuna Fertilizers and Chemicals Limited, and Coromandel International Limited are some of the big local companies operating in the Indian sub-continent. Companies here need to focus and strengthen their supply chain strategies to improve distribution and reach in the country.



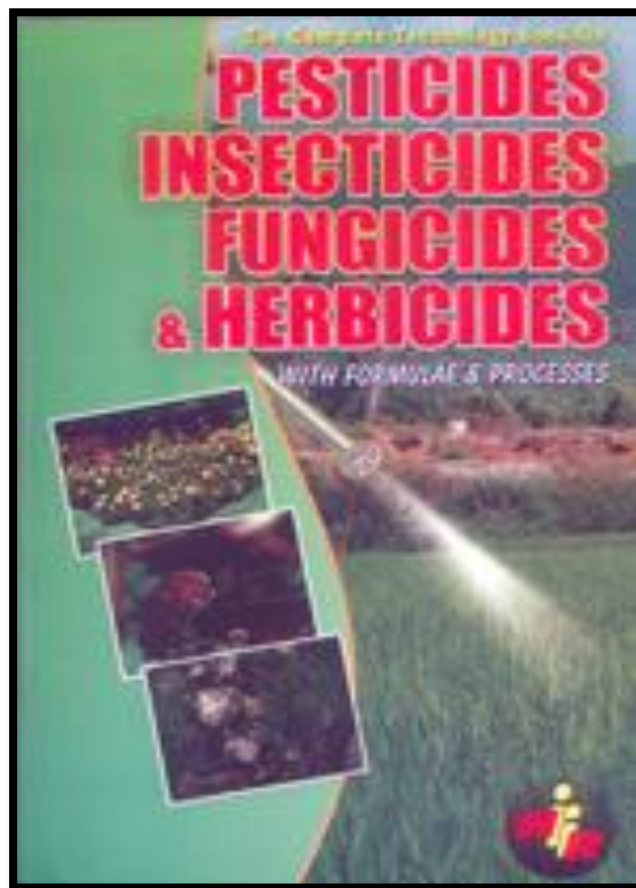


The demand of Agrochemical is increase ever year. Therefore, starting an agrochemical manufacturing is financially viable and has great market potential.

**Here are few Informative Books on
Agrochemicals:**



The Complete Technology Book on Pesticides, Insecticides,
Fungicides and Herbicides with Formulae & Processes

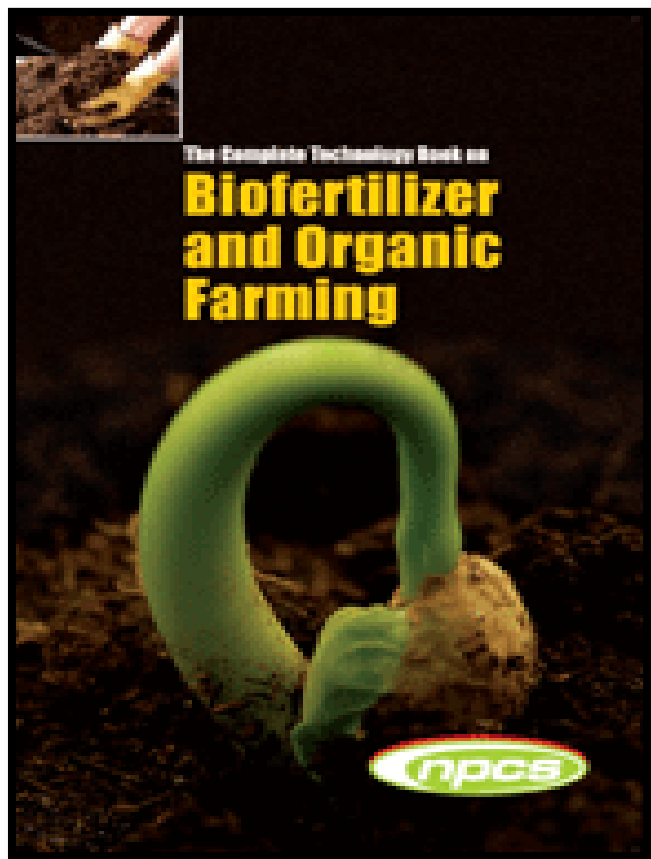


Pesticides, Insecticides, Fungicides and Herbicides are used in agriculture, forestry, animal husbandry, commercial centres and houses for the pest control. India's pesticide industry is the largest in Asia and the twelfth largest in the world and it has grown by 7.6 per cent during the last 20 years. During last 35 years, consumption of these products has increased manifold and industries are coming up throughout the world due to its increasing demand. Crops receiving the most intensive application of various pesticides were cotton for insecticides, corn for herbicides, and fruits and vegetables for fungicides. Examination of use trends of pesticides indicates that the volume in pounds of herbicides used on crops is increasing, whereas the quantities of insecticides and fungicides remain stable. [Read more](#)





The Complete Technology Book on Biofertilizer and Organic Farming (2nd Revised Edition)



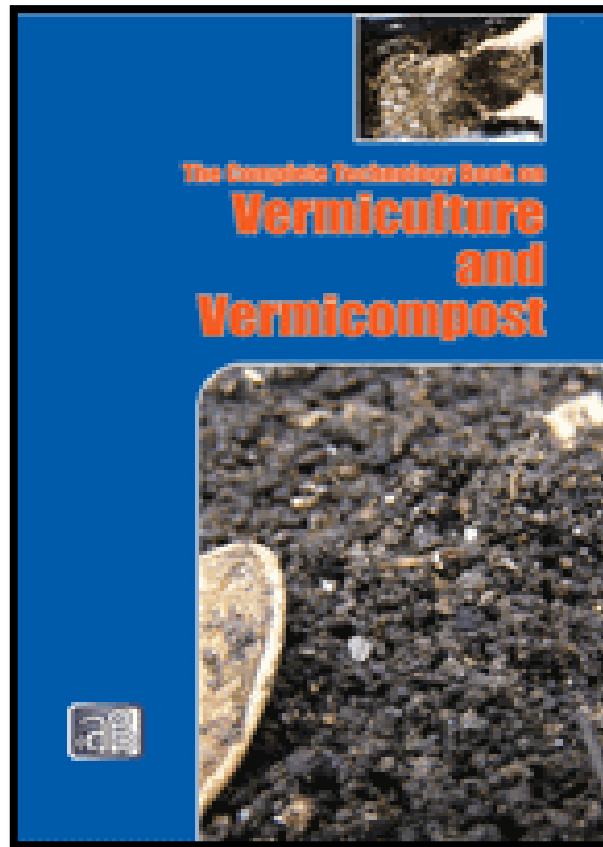


Biofertilizers are seen as an important alternative technology, since the negative externalities of chemical fertilizers have become well known. The use of the latter has led to considerable environmental cost. Biofertilizers do not pollute the soil and do not disrupt the ecological balance, and hence are environment friendly. An increasing number of farmers are using biofertilizers, and the numbers of biofertilizer manufacturing units have also grown considerably. Organic farming system in India is not new and is being followed from ancient time. [Read more](#)





The Complete Technology Book on Vermiculture and Vermicompost



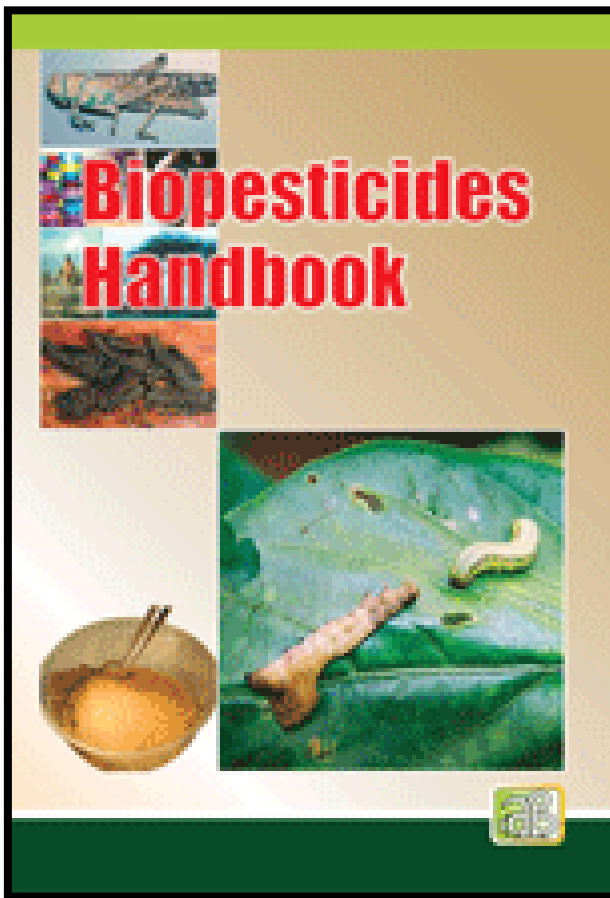


The production of degradable organic waste and its safe disposal have become the current global problem. The rejuvenation of degraded soils by protecting topsoil and sustainability of productive soils is a major concern at the international level. Vermicomposting is compatible process with sound environmental principles that value conservation of resources and sustainable practices. Vermicompost is known to be the world best organic fertilizer. Vermiculture is for vermicompost. Vermiculture means artificial rearing or cultivation of worms (Earthworms) and the technology is the scientific process of using them for the betterment of human beings. [Read more](#)





Biopesticides Handbook



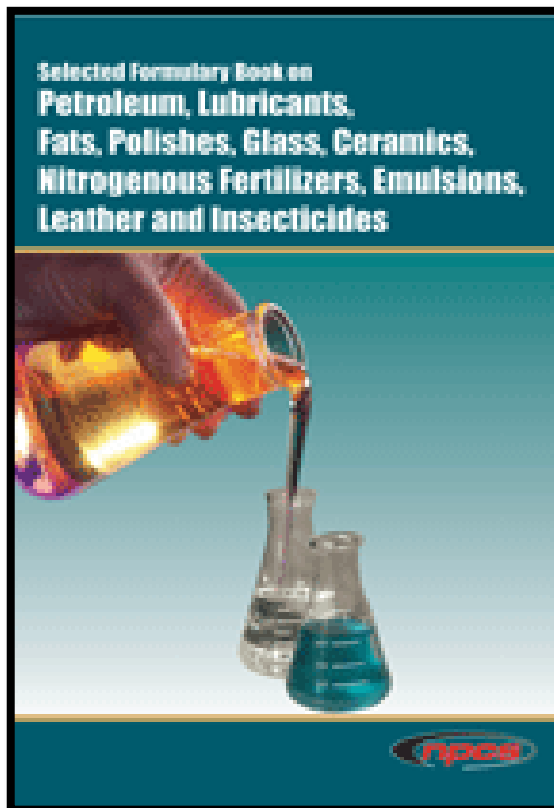


Biopesticides are certain types of pesticides derived from such natural materials as animals, plants, bacteria, and certain minerals. Agricultural pesticides, properly used, are essential in supplying the food requirements of the world ever growing population. The use of synthetic pesticides affects the health of human being. The indiscriminate use of pesticides has adversely affected the health of the soil. The residual pesticides in the soil not only affect the soil quality but also the water quality, as they get leached into the ground water. Due to these reasons, role of biopesticides are very important for sustainable agriculture. [Read more](#)



BIO PESTICIDES

**Selected Formulary Book on Petroleum, Lubricants, Fats, Polishes,
Glass, Ceramics, Nitrogenous Fertilizers, Emulsions, Leather and
Insecticides**



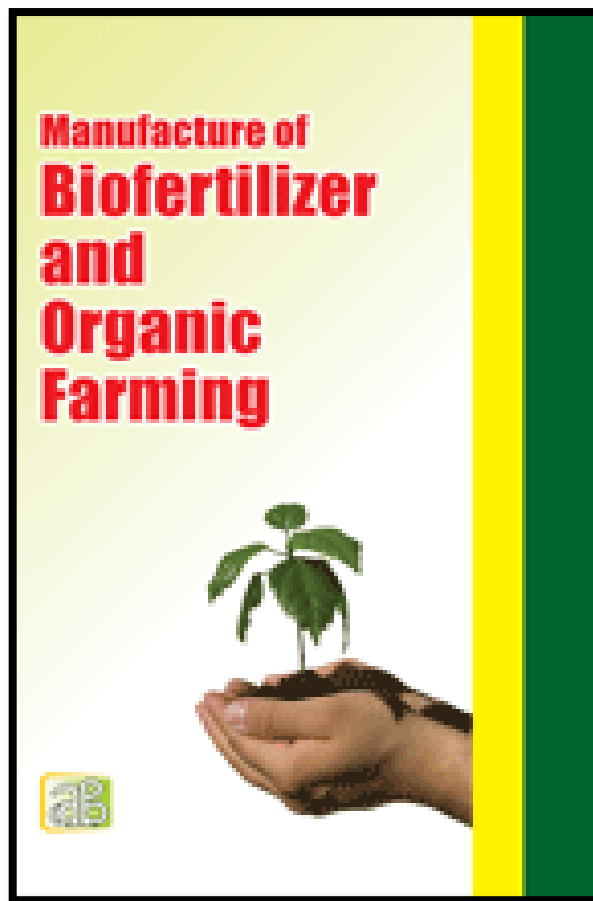


A man entering an industry soon finds that most of the products manufactured by his company are not synthetic or definite chemical compounds, but are mixtures, blends or highly complex compounds of which he knows little or nothing. The literature in this field, if any, may be meager, scattered or antiquated. Formulation is a key process in the overall life cycle so that products are delivered that is of the right quality, at a competitive cost, and is made available within the specified time scale. A formula is an entity constructed using the symbols and formation rules of a given logical language. [Read more](#)





Manufacture of Biofertilizer and Organic Farming





With the introduction of green revolution technologies, the modern agriculture is getting more and more dependent upon the steady supply of synthetic inputs. Intensive agriculture with the use of chemical fertilizers in large amount has, no doubt, resulted in manifold increase in the productivity of farm commodities but the adverse effect of these chemicals are clearly visible on soil structure, micro flora, quality of water, food and fodder. At this critical juncture, biofertilizers are useful supplement to chemical fertilizers. Organic farming has emerged as the only answer to bring sustainability to agriculture and environment. [Read more](#)





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Tags

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Opportunities for Biofertilizer Industry, How to Start Organic Farming In India, How to Start an Organic Farm Business in India, Starting an Organic Farm, Organic Farming and Profitable Opportunities in India, Organic Farming Business Ideas, Vermiculture and Vermimeal Production, Vermicompost (Vermi-Compost, Vermiculture), Vermicompost Production, #Book_on_Vermiculture_and_Vermicompost, Vermiculture Books, Vermicompost Book Pdf, How to Start a Vermicompost Production Business, How to Start a Vermicomposting Business, Starting a Vermiculture Business, Business Plan on Vermicomposting, Vermicomposting Business Plan Pdf, Vermicompost Manufacturing Plant, #Biopesticide_Production, Production of Biopesticides, Biopesticides Handbook, Biofertilizer and Biopesticide Book, Biopesticides Book, Book on Biopesticide, Application of Biopesticides, How to Start a Bio Pesticide Industry, Start a Biopesticide Manufacturing Unit, Bio Pesticides Manufacture, Setting Up a Bio-Fertilizers and Bio-Pesticides Unit, Bio Pesticide Manufacturing, Biopesticides Manufacture, Biopesticides an Emerging Business Opportunity, Book on Petroleum, Lubricants, Fats, Polishes, Glass, Ceramics, Nitrogenous Fertilizers, Emulsions, Leather and Insecticides, Production of Lubricants, Agrochemicals, Pesticides, Insecticides, Fungicides, Herbicides, Biofertilizer, Vermicompost Manufacturing, Production of Herbicides and Fungicides, Fertilizer and Pesticides, Herbicides Production Process, Agrochemical Manufacturing and Formulation, #Agrochemical_Formulations, Pesticide Formulations, Pesticides Manufacturing Industry, Pesticides and Formulation Technology, Agro Chemical Agro Formulations Fertilizers, Formulation of Agrochemicals, #Pesticides_and_Insecticides_Formulations_Book, Agrochemical Production Business



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**



Our Approach:

- **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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Our Team has simplified the process for you by providing a "Free Instant Online Project Identification & Selection" search facility to identify projects based on multiple search parameters related to project costs namely: Plant & Machinery Cost, Total Capital Investment, Cost of the project, Rate of Return% (ROR) and Break Even Point % (BEP). You can sort the projects on the basis of mentioned pointers and identify a suitable project matching your investment requisites.....[Read more](#)



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

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- **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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- *We use authentic & reliable sources to ensure business precision*



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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