

**India's Animal Feeds, Livestock Feed
Demand to Reach \$30 Billion By 2020**

**Cattle Feed – An Investment
Opportunity**

**Using Molasses & Bagasse, Sugarcane Fiber for
Animal Feed, Sugar cane by-Products as
Livestock feed**

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, Plant Layout, Process Flow
Sheet, Cost of Project, Projected Balance Sheets, Profitability
Ratios, Break Even Analysis

Introduction

In India the animal feed industry is of recent origin. There are today as many as 14 plants in the organized sector. All of them have excellent facilities for quality control and are well equipped for chemical analysis of raw materials and the finished products. The compound feeds for cattle are finding large markets all over India because of the increased effort to produce more milk products. It is anticipated that the capacity of this industry in India is likely to increase rapidly.

India has the largest cattle, buffalo and goat population according to latest census. Poultry feed is needed to produce poultry, a substantial part of the food industry. The size of food industry depends on population, which is not constant. With animals, feed plants coming up in high cities especially in Chennai, Kolkata and Mumbai. They are producing top quality poultry & cattle feed. It is expected that in the next few years the animal feed industry in India would rank among the major industries. It can be predicted that any entrepreneur into this project, will be successful.

Cattle feed and feed additives are used for improving the quality of feed to enhance yield and overall cattle's health. Cattle feed are gaining popularities mainly due to the enhance performance and increasing application such as growth promoter, prevention and cure of diseases and for improving feed digestibility in cattle. India's Cattle feed industry, which is currently at \$15 billion, is poised to double and touch \$ 30 billion by 2020 to cater to the growing protein requirements of the country.

Large ruminants like cattle play an important role in the rural economy of the country. Population pressure on land necessitates devoting most of the cultivable land for production of crops for direct human consumption and very limited area is made available for growing fodder crops. Thus most of our livestock have to depend on crop residues and by-products.

The former two are potentially digestibility depends upon access to them by rumen microbes. In general, less than half the nutrients in bagasses are digested by the animals due to high degree of lignification of the material. The accessibility of the cellulose, hemicellulose fraction can be increased by several methods thus increasing the nutritive value of the products.

The usage of molasses for cattle feeding, particularly with additives such as urea and phosphoric acid. While molasses is an excellent source of carbohydrate, it has practically no protein content. It is used as a cattle feed. Bagasse value very low energy and protein but it is a useful source of fiber. Could use up to 25% in milking cow ration.

Annual molasses production output has averaged about 916 000 metric tons. Of this, about 67 percent is exported, 17 percent is used by the distilleries, and 16 percent is for animal feed, etc.

Reasons for buying the report:

- **This 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**
- **This report provides vital information on the product like it's characteristics and segmentation**
- **This report helps you market and place the product correctly by identifying the target customer group of the product**

- **This 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**

Scope of the Report

The report titled “Market Survey cum Detailed Techno Economic Feasibility Report on Cattle Feed From Molasses & Bagasse” provides an insight into the Cattle Feed From Molasses & Bagasse market in India with focus on uses and applications, Manufacturing Process, Process Flow Sheets, Plant Layout and Project Financials of Cattle Feed From Molasses & Bagasse project. The report assesses the market sizing and growth of the Indian Cattle Feed Industry. While expanding a current business or while venturing into new business, entrepreneurs are often faced with the dilemma of zeroing in on a suitable product/line. 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**

We at NPCS, through our reliable expertise in the project consultancy and market research field, have demystified the situation by putting forward the emerging business opportunity in the Cattle Feed sector in India along with its business prospects. Through this report we have identified Cattle Feed From Molasses & Bagasse project as a lucrative investment avenue.

Few Indian Major Players are as under

Agro Tech India Ltd.

Amrit Feeds Ltd.

Anirudh Foods Ltd.

Annam Feeds Ltd.

Baramati Agro Ltd.

Gajanan Extraction Ltd.

Goldmohur Foods & Feeds Ltd.

Graintec India Ltd.

Hanuman Minor Oils Ltd.

Hatsun Agro Products Ltd.

Indian Potash Ltd.

Induss Food Products & Equipment Ltd.

K S E Ltd.

Kapila Krishi Udyog Ltd.

Kumar Food Inds. Ltd.

Kwality Feeds Ltd.

Lakshmi Energy & Foods Ltd.

Parag Agro Products (Gujarat) Ltd.

R K Patel Food Pvt. Ltd.

S K M Animal Feeds & Foods (India) Ltd.

Schreiber Dynamix Dairies Ltd.

Shanti Kunj Solvent Ltd.

Snam Vijaya Feeds Ltd.

Sonitpur Solvex Ltd.

Vegepro Foods & Feeds Ltd

Project at a Glance

Capacity	:	9000 Ton/Annum
Plant & Machinery	:	29 Lakhs
Total Capital Investment	:	253 Lakhs
Rate of Return	:	47%
Break Even Point	:	38%

Major Queries/Questions Answered in the Report?

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

- 5. What is the structure of the Cattle Feed Business and who are the key/major players ?**
- 6. What is the total project cost for setting up Cattle Feed plant ?**
- 7. What are the operating costs for setting up a Cattle Feed plant ?**
- 8. What are the machinery and equipment requirements for setting up a Cattle Feed plant ?**

- 9. Who are the Suppliers and Manufacturers of Plant & Machinery for setting up a Cattle Feed plant ?**
- 10. What are the requirements of raw material for setting up a Cattle Feed plant ?**
- 11. Who are the Suppliers and Manufacturers of Raw materials for setting up a Cattle Feed plant ?**
- 12. What is the Manufacturing Process and Formulations of a Cattle Feed plant ?**

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can provide Detailed Project Report on
Cattle Feed From Molasses & Bagasse

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Niir PROJECT CONSULTANCY SERVICES

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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*

What do we offer?

- *Project Identification*
- *Detailed Project Reports/Pre-feasibility Reports*
- *Market Research Reports*
- *Technology Books and Directory*
- *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*

Our Approach

Requirement collection

Thorough analysis of the project

Economic feasibility study of the Project

Market potential survey/research

Report Compilation

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*

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*
- *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*
- *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.*

- *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*

Sectors We Cover *Cont...*

- *Township & Residential Complex*
- *Textiles And Readymade Garments*
- *Waste Management & Recycling*
- *Wood & Wood Products*
- *Water Industry(Packaged Drinking Water & Mineral Water)*
- *Wire & Cable*

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