MAIZE & BY-PRODUCTS PROCESSING PLANT
Starches /Dextrose Monohydrate /
Malto Dextrine Powder / Corn Gluten Meal (60%) / Sorbitol.

The processed food industry is mainly unorganized with 75% of the processing units belonging to the unorganized category, the organized category though small, is growing fast. The food production is expected to double in the next 10 years and the consumption of value-added food products is expected to grow at a much faster pace. The share and growth of value-added products is likely to be higher going forward as companies in the processing sector opt for higher margin products on ample supply of raw materials used for starch for food additives.

The Indian organized starch industry has an estimated size of around Rs 3,500 crore. The Indian starch Industry is predominantly based on corn, with negligible usage of wheat. Out of more than 1,000 downstream applications of starch, 40 have been commercialized in India. With companies globally focusing on innovations in their product portfolio through R&D, the demand for starch sweeteners and other derivatives has picked up in a number of industries in India as well as in the international markets. During the period 2011-12, the Indian starch industry grew at a CAGR of 21.8%; while starch demand grows at around 5% per annum.

Gujarat with a strong agricultural base, 3.6 million hectares of irrigated land and well developed agro research capabilities is well positioned to drive the growth of food processing industry. Gujarat offers a large number of incentives to set up food processing units. Hassle-free policies such as single window clearance, a strong agricultural marketing network with over 200 Agriculture Produce Marketing Committees (APMCs) and over 110 cold storages are some of the enablers that have facilitated the rapid growth of this industry. The state also provides financial incentives by offering interest subsidies to agro-industrial units and air & sea freight subsidies for agro exports.

Starches, modified starches and their application find great relevance in the rapidly developing and growing Indian food processing industry. The demand is likely to grow in coming years with already established mega food parks and upcoming projects in India. To tap opportunities in this industry, Anil Ltd has formed SPV for setting up Gujarat’s first mega food park. In the first quarter of 2011-12, Ministry of Food Processing Industries (MoFPI), Government of India, allotted the project of establishing mega food park at Savli near Vadodara to this SPV.

Starch and Glucose are reserved cargohydrates of plants and are therefore widely distributed in their crude from. They can be found in almost all fruits, vegetables and crons. There is no definite information as to how they were initially obtained. But different countries are known to be using different agricultural sources for production of starch.
While Japan and the European countries produce starch from potatoes, Amerada from corn, countries like Thailand, and Brazil are understood to be producing starch mainly from tapioca. In the case of India, starch is being produced from maize as well as tapioca. While the units producing starch from maize are concentrated in the large sector, the units producing starch from tapioca are by and large concentrated in the small scale sector.

Commercially glucose is produced from starch only and these two products are generally made in the same unit side by side.

The objective of this article is to discuss the present status, imports, exports and also the future prospects for both starch as well as liquid glucose.

Why to Buy this Report:

- This detailed research report helps you get a detailed picture of the MAIZE & BY-PRODUCTS PROCESSING PLANT Starches /Dextrose Monohydrate/Malto Dextrine Powder / Corn Gluten Meal (60%) / Sorbitol industry by providing overview of the industry along with the market structure, classification and technology details with complete latest cost economics and profitability analysis.
- The report provides market analysis covering major growth driving factors for the industry and latest market trends in the industry
- This report helps to understand the present status of the allow wheels industry by elucidating a comprehensive market with future demand and supply analysis and scrutiny of the demand supply situation with technology details to start and setup the industry.
- The report provides forecasts of key parameters which helps to anticipate the industry performance

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
- We have experienced technologists with its team to provide you the all genuine data.

MAIZE & BY-PRODUCTS PROCESSING PLANT
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CONTENTS

INTRODUCTION
Starch Industry in India
Byproducts from Maize
1.0 Starches
1.1 Natural Starches
1.1 Natural Starches
1.2 Tapioca
1.3 Cereal Starches
1.4 Raw Materials
1.4.1 Maize
1.4.2 Sorghum Grains
1.4.3 Bajra
1.4.4 Small millets
1.4.5 Wheat
1.4.6 Chemicals
1.4.7 Tamarind Seed

PRODUCT DESCRIPTION AND USE
2.1: Product Description:
SIZE OF STARCH GRANULES:
SPECIFICATION OF STARCH
2.2 USES OF STARCH:
a) Textile Industry:
b) Food Industry:
c) Paper Industry:
d) Pharmaceutical Industry:
e) Manufacture of glucose and dextrose by hydrolysis:
f) Manufacture of modified starches, such as:
g) Miscellaneous other uses:
2.2.2 In addition to these uses, by products of starch are also obtained during the wet milling of maize.
a) Concentrated steep liquor:
b) Germ oil and Germ and cake:
c) Gluten:

ECONOMIC SIZE UNIT AND PRODUCTION PATTERN
PHASED PRODUCTION PROGRAMME
Uses of Dextrose:

PROPERTIES
PROPERTIES OF STARCH
Physical Properties
CHEMICAL PROPERTIES
Starch gives a characteristic blue color with iodine.
MARKET SURVEY
Growth in processed food industry vis-a-vis starch industry
All India Area, Production and Yield of Maize along with coverage under Irrigation from 2002 to 2012
Area, Production and Yield of Maize during 2009-11 in Major Producing States along with coverage under Irrigation
SUPPLY & DEMAND: MAIZE FROM 2010 TO 2014
Lower cereal production and stocks from last month while trade forecast raised
Cereal Production, Utilization and Stocks from 2002 to 2013
World cereal production in 2012 falls
Total cereal utilization in 2012/13 down slightly from 2011/12
Falling wheat and coarse grain inventories against rising rice stocks till 2013
World trade to shrink in 2012/13 despite some upward adjustments since November
Starch and Glucose Industry in India;
Present status:
Production Installed capacity and capacity Utilization of Starch:
Percentage share of end-uses industry in the total demand of starch
FUTURE PROSPECTS OF LIQUID GLUCOSE
DRUGS AND PHARMACEUTICALS
Growth rates
CONCLUDING OBSERVATIONS:
Maize: International Market Profile
Origins and Varieties
Highlights:
Utilization pattern of maize
Starch industry: an overview
Global starch market
Indian starch industry
Key positives
Key risks and concerns
Outlook and valuation
MANUFACTURERS AND SUPPLIERS
STARCH
LIQUID GLUCOSE
LIST OF MANUFACTURERS OF RAW MATERIAL-DEXTROSE
SPECIFICATION
REQUIREMENT FOR MAIZE, TAPIOCa & ARROW ROOT STARCHES, EDIBLE GRADE

TABLE III REQUIREMENTS FOR MAIZE AND TAPIOCa STARCHES FOR USE IN COTTON TEXTILE INDUSTRY

REQUIREMENTS OF TAMARIND STARCH FOR USE IN COTTON TEXTILE AND JUTE INDUSTRIES

INDIAN STANDARDS
MANUFACTURES OF STARCH AND ALLIED PRODUCTS

Maize Starch
TAPIOCa STARCH

AMYLOSE MOLECULE OF STARCH
AMYLOPECTIN MOLECULE

PROCESS DESCRIPTION
5.1 CLEANING AND SOAKING
5.2 STEEP LIQUOR CONCENTRATION
5.3 CRUDE GEM OIL RECOVERY
5.4 FIBRE SEPARATION
5.5 GLUTEN SEPARATION AND CONCENTRATION
5.6 MIXED FEED PROCESSING
5.7 STARCH WASHING DEWATERING AND DRYING

PROCESS FLOW DIAGRAM FOR THE MFG. OF STARCH

RAW MATERIALS AND UTILITIES

 RAW MATERIALS
 a) CORN:
 b) CLASSES :
 i) YELLOW CORN :
 ii) MIXED CORN :

SPECIAL GRADES FOR CORN:
A) FLINT CORN :
B) FLINT AND DENT CORN :
C) WEEVILY CORN :

Maize processing process sheet

MANUFACTURE OF DEXTROSE MONOHYDRATE AND DEXTROSE ANHYDROUS

DEXTROSE MANUFACTURE

MANUFACTURING DIAGRAM OF ANHYDROUS DEXTROSE

Maize starch and allied products and their applications

Maize Starch
Applications
Maltodextrin
Dextrose Monohydrate
Maize gluten
Maize germ
Applications
Sorbitol
Applications:
Cosmetics:
Food Industry
Pharmaceutical Industry:
Tobacco Industry:
Textile Industry:
Paper Industry:
Paint Industry:
Turnkey Consultant for setting up Maize Processing Unit
List of some starch processing industries
Complete Plant and Machinery Suppliers for Starch (Maize)
SUPPLIERS OF RAW MATERIALS
Hydrochloric Acid
Sulphuric Acid
Soda Ash
Caustic Soda
Activated Carbon
SUPPLIERS OF PLANT & MACHINERY
Starch Making Plant And Equipments
Boiler
Tanks
Heat Exchanger
Centrifuges
Tray Drier
Disintegrators
Pulveriser/Grinder
Industrial ETP plant manufacture/supplier
IMPLEMENTATION SCHEDULE
Project implementation will take a period of 12 months.
LIST OF FOOD AND AGRO PROCESSING CONSULTANTS
MANUAL ON STANDARDS OF MAIZE
1. Important Parameters Responsible For Quality
1.1 Following Parameters are important in determination of quality of Maize
1.2 Following Safety parameters are important:
1.3 Parameters by which grades of Maize are differentiated:
2. Standards Applicable For Purchases By Food Corporation Of India (FCI).
2.1 The main objectives of the FCI are
SCHEDULE OF SPECIFICATIONS

DEFINITIONS:
3. Standards Applicable For Storage Of Maize
3.1.1 Standards of Central Warehousing Corporation
4. Standards Applicable For Domestic Market
4.1 The Prevention Of Food Adulteration Act, 1954 (Pfa Standards)
4.1.1. Quality Parameters:
4.1.2 Safety Parameters:
Poisonous Metals:
5. Standards For Grading :
Advantages Of Grading:
5.2.1 Agmark Standards Of Maize:
6.1 Codex Alimentarius Commission (Cac)
6.1.1 Codex Standard For Maize (Corn))

SCOPE
Product Definition:
Quality factors – General
Quality factors - Specific
Toxic or Noxious Seeds

HYGIENE
Heavy Metals
Pesticide Residues:
General plant layout

STARCH PROCESSING PLANT LAYOUT
50 TPD MAIZE PROCESSING PLANT & MACHINERY
Specification of Raw material
Specification of the Final Products
Specification of Chemicals and Utilities

QUALITY
Specification of Machinery and Equipment for the
Maize starch factory

SECTION:
MAIZE STARCH FACTORY
SECTION : 1.00
MAIZE STEEPING
MAIZE STARCH FACTORY
SECTION : 2.00
SULPHUR DIOXIDE PLANT
MAIZE STARCH FACTORY
SECTION : 3.00
DEGERMINATION AND GERM WASHING
MAIZE STARCH FACTORY
SECTION : 4.00
FIBRE MILLING AND WASHING
MAIZE STARCH FACTORY
SECTION : 5.00
STARCH SEPARATION AND REFINING
MAIZE STARCH FACTORY
SECTION : 6.00
GLUTEN CONCENTRATION
MAIZE STARCH FACTORY
SECTION : 7.00
GERM DEWATERING AND DRYING
MAIZE STARCH FACTORY
SECTION : 8.00
STEEPING WATER CONCENTRATION
MAIZE STARCH FACTORY
SECTION : 9.00
MAIZE STARCH FACTORY
SECTION : 10.00
ANIMAL FEED DEWATERING AND DRYING
MAIZE STARCH FACTORY
SECTION : 11.00
1 Buffer Tank with ventilator
For sifted starch.
SECTION : 12.00
HANDLING/HOLDING & STORAGE EQUIPMENTS

along with financial details as under:

Summary of Capital Cost of Project
Land & Side Development Exp.
Buildings
Plant & Machineries
Misc. Fixed Assets
Technical Know how Fees & Exp.
Preliminary Expenses
Pre-operative Expenses
Provision for Contingencies
The below mentioned financial statements (Annexure) will be for 5 to 10 Years:

- Annexure :: Cost of Project and Means of Finance
- Annexure :: Output, Profitability and Cash Flow Chart
- Annexure :: Assessment of Working Capital requirements
- Annexure :: Sources of Finance
- Annexure :: Balance Sheets
- Annexure :: Break-Even Analysis and profitability analysis.
- Annexure :: Quantitative Details-Output/Sales/Stocks
- Annexure :: Sales Realisation
- Annexure :: Raw Material Cost
- Annexure :: Other Raw Material Cost
- Annexure :: Packing Material Cost
- Annexure :: Consumables, Store etc.,
- Annexure :: Employees Expenses
- Annexure :: Fuel Expenses
- Annexure :: Power/Electricity Expenses
- Annexure :: Repairs & Maintenance Exp.
- Annexure :: Other Mfg. Expenses
- Annexure :: Administration Expenses
- Annexure :: Selling Expenses
- Annexure :: Depreciation Charges - Profitability
- Annexure :: Depreciation Charges
- Annexure :: Interest and Repayment - Term Loans
- Annexure :: Tax on Profit
- Annexure :: Assumptions for Profitability workings
- Annexure :: Assessment of Working Capital

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