

Garlic Oil and Powder

Allium Sativum Oil, dehydrated garlic, Spices
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

Garlic is one of the important bulb crops grown and used as spice and condiment throughout India. It possesses a high nutritive value and medicinal property. Allicin, the principle of garlic has antibiotic properties. The plant is a small herb and produces a group of small bulbs called cloves covered with a thin skin. The seed stalks bears both seeds and bulblets in the same head. However, seed is seldom used for propagation as the cloves are more commonly used.

Oil is one of the three major classes of food substances; the others are protein and carbohydrates. Garlic oils are naturally occurring esters of glycerol and fatty acids that have commercial uses, some oils are called trimester examples are triglycerides or simple glycerides. The physical and chemical properties of garlic oils are determined to a large extent by the type of fatty acids in the glycerides. In all commercially important glycerides, the fatty acids are straight chain and nearly all contain even number of carbon atoms.

Garlic is taken orally to reduce high blood pressure, prevent heart disease and atherosclerosis, treat earaches, stimulate both the immune and circulatory systems and prevent cancer. Other applications include treating diabetes, arthritis, colds and flu, fighting stress and fatigue and maintaining healthy liver function. Garlic also contains protein and the B vitamins thiamin and riboflavin, and trace minerals such as zinc, tin, calcium, potassium, aluminium, germanium, selenium and of course, sulfur.

The increasing importance of natural extracts as pharmaceutical & natural cosmetic aid and their use as nutraceutical ingredients in recent times has opened up new vistas for this sector besides their widespread use as flavour & fragrance ingredients. India will play a dominant role in the production & processing of these natural extracts. Country's biodiversity coupled with competent scientific force, make our country as the best choice to become a foremost leader in aroma business in the coming years. Thus it is a good project for investment.

Few Indian Major Players are as under

- Aarkay Food Products Ltd.
- Absolute Aromatics Ltd.
- Aico Foods Ltd.
- Basil Chemicals & Additives Ltd.
- Bhagat Aromatics Ltd.
- Concert Spices & Exports Ltd.

- Enjayes Natural Flavours Ltd.
- Enjayes Spices & Chemical Oils Ltd.
- Kancor Ingredients Ltd.
- Keva Biotech Pvt. Ltd.
- Privi Organics Ltd.
- R K S Agrotech Ltd.

- S H Kelkar & Co. Ltd.
- Sharp Global Ltd.
- Sijmak Oils Ltd.
- South East Agro Inds. Ltd.
- Tamilnadu Forest Plantation Corpn. Ltd.

PROJECT AT A GLANCE

COST OF PROJECT				MEANS OF FINANCE			
Particulars	Existing	Proposed	Total	Particulars	Existing	Proposed	Total
Land & Site Development Exp.	0.00	13.25	13.25	Capital	0.00	60.14	60.14
Buildings	0.00	115.50	115.50	Share Premium	0.00	0.00	0.00
Plant & Machineries	0.00	58.00	58.00	Other Type Share Capital	0.00	0.00	0.00
Motor Vehicles	0.00	5.00	5.00	Reserves & Surplus	0.00	0.00	0.00
Office Automation Equipments	0.00	23.50	23.50	Cash Subsidy	0.00	0.00	0.00
Technical Knowhow Fees & Exp.	0.00	5.00	5.00	Internal Cash Accruals	0.00	0.00	0.00
Franchise & Other Deposits	0.00	0.00	0.00	Long/Medium Term Borrowings	0.00	180.41	180.41
Preliminary& Pre-operative Exp	0.00	2.00	2.00	Debentures / Bonds	0.00	0.00	0.00
Provision for Contingencies	0.00	5.50	5.50	Unsecured Loans/Deposits	0.00	0.00	0.00
Margin Money - Working Capital	0.00	12.80	12.80				
TOTAL	0.00	240.55	240.55	TOTAL	0.00	240.55	240.55

PROJECT AT A GLANCE

Year	Annualised		Book Value	Debt	Dividend	Retained Earnings		Payout	Probable Market Price	P/E Ratio	Yield Price/Book Value
	EPS	CEPS	Per Share		Per Share	Per Share				No.of Times	
	Rs	Rs	Rs	Rs	Rs	%	Rs	%	Rs		%
1-2	4.64	8.75	14.64	24.00	0.00	100.00	4.64	0.00	4.64	1.00	0.00
2-3	7.52	11.14	22.16	18.00	0.00	100.00	7.52	0.00	7.52	1.00	0.00
3-4	10.32	13.52	32.48	12.00	0.00	100.00	10.32	0.00	10.32	1.00	0.00
4-5	13.01	15.84	45.49	6.00	0.00	100.00	13.01	0.00	13.01	1.00	0.00
5-6	15.57	18.07	61.06	0.00	0.00	100.00	15.57	0.00	15.57	1.00	0.00

PROJECT AT A GLANCE

Year	D. S. C. R.			Debt / - Deposits Debt	Equity as- Equity	Total Net Worth	Ret urn on Net Wor th	Profitability Ratio					Assets Turnove r Ratio	Curre nt Ratio
	Individ ual	Cumulati ve	Over all					GPM	PBT	PAT	Net Contrib ution	P/V Ratio		
	(Number of times)			(Number of times)		%	%	%	%	%		%		
Initial				3.00	3.00									
1-2	1.29	1.29		1.64	1.64	2.27		16.49%	8.01%	5.54%	206.10	40.89%	1.78	0.93
2-3	1.60	1.44		0.81	0.81	1.29		18.76%	11.77%	7.69%	239.51	40.73%	1.95	1.24
3-4	1.95	1.60	1.95	0.37	0.37	0.74		20.29%	14.42%	9.24%	273.70	40.73%	1.99	1.64
4-5	2.37	1.77		0.13	0.13	0.43		21.31%	16.30%	10.35%	307.89	40.73%	1.95	2.09
5-6	2.87	1.95		0.00	0.00	0.25		21.98%	17.62%	11.15%	342.08	40.72%	1.84	3.62

PROJECT AT A GLANCE

BEP

BEP - Maximum Utilisation Year	5
Cash BEP (% of Installed Capacity)	52.29%
Total BEP (% of Installed Capacity)	56.68%

IRR, PAYBACK and FACR

Internal Rate of Return .. (In %age)	25.10%
Payback Period of the Project is (In Years)	2 Years 4 Months
Fixed Assets Coverage Ratio (No. of times)	6.234

Major Queries/Questions Answered in the Report?

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

6. What is the total project cost for setting up Garlic Oil and Powder processing unit?
7. What are the operating costs for setting up Garlic Oil and Powder processing plant?
8. What are the machinery and equipment requirements for setting up Garlic Oil and Powder processing plant?
9. Who are the Suppliers and Manufacturers of Plant & Machinery for setting up Garlic Oil and Powder processing plant?
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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

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*

Sectors We Cover *Cont...*

- *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*

Sectors We Cover *Cont...*

- *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*

Sectors We Cover *Cont...*

- *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*

Sectors We Cover *Cont...*

- *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.*

Sectors We Cover *Cont...*

- *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*

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